



No.I22Z62197-SEM01



SAR TEST REPORT

No. I22Z62197-SEM01

For

HONOR Device Co., Ltd.

Smart Phone

Model Name: PGT-N19

with

Hardware Version: HN2PGETM

Software Version: 7.1.0.107(C900E100R1P2)

FCC ID: 2AYGCPGT-N19

Issued Date: 2023-2-28

Note:

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**REPORT HISTORY**

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I22Z62197-SEM01	Rev.0	2023-1-31	Initial creation of test report
I22Z62197-SEM01	Rev.1	2023-2-28	Update the information on section 2. Update the information on section 14

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1 Test Laboratory

1.1 Testing Location

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

1.2 Testing Environment

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

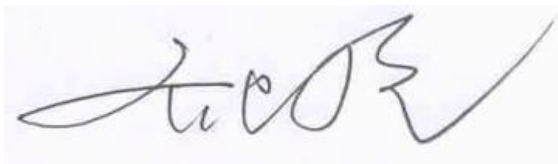
1.3 Project Data

Project Leader:	Qi Dianyuan
Test Engineer:	Lin Xiaojun
Testing Start Date:	December 20,2022
Testing End Date:	January 30, 2023

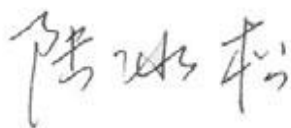
1.4 Signature



Yao Juming
(Prepared this test report)



Qi Dianyuan
(Reviewed this test report)



Lu Bingsong
Deputy Director of the laboratory
(Approved this test report)

2 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for HONOR Device Co., Ltd. Smart Phone PGT-N19 is as follows:

Table 2.1: Highest Reported SAR (1g)

Mode		Antenna	Highest Reported SAR (1g)			
			1g SAR Head	1g SAR Body-worn	1g SAR Hotspot	10-g SAR Phablet
GSM	GSM 850	ANT0	0.11	0.14	0.06	/
	GSM 850	ANT3	0.87	0.16	0.07	/
	PCS 1900	ANT4	0.99	0.14	0.13	/
	PCS 1900	ANT1	0.10	0.20	0.16	/
WCDMA	UMTS FDD 5	ANT0	0.17	0.14	0.25	/
	UMTS FDD 5	ANT3	0.95	0.29	0.13	/
	UMTS FDD 4	ANT4	0.91	0.30	0.09	/
	UMTS FDD 4	ANT1	0.18	0.33	0.25	/
	UMTS FDD 2	ANT4	1.08	0.34	0.12	2.75
	UMTS FDD 2	ANT1	0.15	0.37	0.29	/
LTE	LTE Band 2	ANT4	0.86	0.40	0.10	2.73
	LTE Band 2	ANT1	0.24	0.41	0.27	/
	LTE Band 4	ANT4	0.67	0.17	0.08	/
	LTE Band 4	ANT1	0.24	0.33	0.26	/
	LTE Band 4	ANT2	0.57	0.25	0.16	/
	LTE Band 4	ANT8	0.53	0.14	0.09	/
	LTE Band 5	ANT0	0.16	0.17	0.07	/
	LTE Band 5	ANT3	0.82	0.13	0.01	/
	LTE Band 7	ANT4	0.69	0.12	0.08	/
	LTE Band 7	ANT1	0.12	0.28	0.17	/
	LTE Band 7	ANT2	0.79	0.13	0.13	/
	LTE Band 7	ANT8	0.46	0.11	0.09	/
	LTE Band 12	ANT0	0.15	0.16	0.04	/
	LTE Band 12	ANT3	0.63	0.19	0.01	/
	LTE Band 13	ANT0	0.16	0.18	0.06	/
	LTE Band 13	ANT3	0.37	0.18	0.04	/
	LTE Band 17	ANT0	0.16	0.21	0.08	/
	LTE Band 17	ANT3	0.57	0.19	0.02	/
	LTE Band 25	ANT4	1.00	0.40	0.11	2.76
	LTE Band 25	ANT1	0.19	0.42	0.26	/
	LTE Band 26	ANT0	0.21	0.16	0.07	/
	LTE Band 26	ANT3	0.64	0.12	0.01	/
	LTE Band 38	ANT4	0.77	0.12	0.05	/
	LTE Band 38	ANT1	0.13	0.21	0.15	/
	LTE Band 38	ANT2	0.56	0.09	0.14	/
	LTE Band 38	ANT8	0.25	0.07	0.09	/
	LTE Band 41 PC3	ANT4	0.62	0.13	0.05	/
	LTE Band 41 PC3	ANT1	0.13	0.20	0.15	/
LTE Band 41 PC3	ANT2	0.53	0.10	0.12	/	



	LTE Band 41 PC3	ANT8	0.25	0.06	0.07	/
	LTE Band 41 PC2	ANT4	0.75	0.24	0.06	/
	LTE Band 41 PC2	ANT1	0.09	0.24	0.14	/
	LTE Band 41 PC2	ANT2	0.69	0.10	0.11	/
	LTE Band 41 PC2	ANT8	0.30	0.07	0.07	/
	LTE Band 66	ANT4	0.89	0.19	0.09	/
	LTE Band 66	ANT1	0.25	0.39	0.27	/
	LTE Band 66	ANT2	0.71	0.30	0.19	/
	LTE Band 66	ANT8	0.51	0.12	0.08	/
NR	N2	ANT4	0.76	0.24	0.12	/
	N2	ANT1	0.21	0.40	0.30	2.98
	N2	ANT2	0.56	0.17	0.13	/
	N2	ANT8	0.37	0.03	0.04	/
	N5	ANT0	0.16	0.15	0.07	/
	N5	ANT3	0.59	0.26	0.08	/
	N7	ANT4	1.00	0.17	0.11	/
	N7	ANT1	0.14	0.24	0.20	/
	N7	ANT2	0.66	0.19	0.12	/
	N7	ANT8	0.81	0.08	0.15	/
	N38	ANT4	0.96	0.13	0.10	/
	N38	ANT1	0.14	0.21	0.24	/
	N38	ANT2	0.81	0.18	0.15	/
	N38	ANT8	0.53	0.12	0.11	/
	N41	ANT4	1.02	0.12	0.08	/
	N41	ANT1	0.16	0.20	0.23	/
	N41	ANT2	0.60	0.18	0.16	/
	N41	ANT8	0.80	0.21	0.11	/
	N66	ANT4	1.00	0.11	0.13	/
	N66	ANT1	0.38	0.31	0.29	/
	N66	ANT2	0.90	0.27	0.15	/
	N66	ANT8	0.86	0.17	0.12	/
	N78	ANT4	1.05	0.12	0.14	1.38
	N78	ANT6	0.70	0.09	0.09	/
N78	ANT2	0.65	0.07	0.08	/	
N78	ANT7	0.83	0.13	0.07	/	
WLAN 2.4 GHz	ANT6	0.52	0.05	0.08	0.53	
	ANT8	0.33	0.08	0.17	0.11	
WLAN 5 GHz	ANT6	0.16	0.28	0.24	0.36	
	ANT7	0.13	0.16	0.06	0.09	
BT	ANT6	0.79	0.14	0.14	0.51	
	ANT8	0.29	0.11	0.11	0.08	
	ANT1	<0.01	<0.01	<0.01	/	

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: 1.08 W/kg(1g)

Hotspot: 0.30 W/kg(1g)

Body-worn: 0.42 W/kg(1g)

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

	Position	Main antenna	WiFi		BT		NFC	WPT	Sum
Highest SAR value	Right head, Tilt	1.081 (WCDMA1900 ANT4)	0.067 (WiFi5G ANT6)	0.056 (WiFi5G ANT7)	0.307 (BT ANT6)	0.019 (BT ANT8)	<0.001	0.018 ^[1]	1.548

[1] - Refer to WPT SAR Simulation Report.

According to the above tables, the highest sum of reported SAR values is **1.548 W/kg (1g)**. The detail for simultaneous transmission consideration is described in chapter 14.

Table 2.3: The sum of SAR values for 10g extremity SAR

	Position	Main antenna	WiFi		BT		NFC	WPT	Sum	Limited
10-g extremity SAR	Top 0mm	2.756 (LTE Band4 ANT4)	0.357 (WiFi5G ANT6)	0.087 (WiFi5G ANT7)	0.511 (BT ANT6)	0.075 (BT ANT8)	<0.001	0.002 ^[1]	3.788	4.0

[1] - Refer to WPT SAR Simulation Report.

Conclusion:

According to the above tables, the sum of reported SAR values is <1.6W/kg for 1g SAR and <4.0 W/kg for 10g extremity SAR. So the simultaneous transmission SAR with volume scans is not required.



3 Client Information

3.1 Applicant Information

Company Name:	HONOR Device Co., Ltd.
Address/Post:	Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China
Contact Person:	/
Contact Email:	/
Telephone:	/
Fax	/

3.2 Manufacturer Information

Company Name:	HONOR Device Co., Ltd.
Address/Post:	Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China
Contact Person:	/
Contact Email:	/
Telephone:	/
Fax	/

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

4.1 About EUT

Description:	Smart Phone
Model name:	PGT-N19
Tested Band:	GSM850/1900, WCDMA B2/4/B5 LTE Band2/4/5/7/12/13/17/25/26/38/41/66 5G NR N2/5/7/38/41/66/78 BT, Wi-Fi(2.4G), Wi-Fi(5G),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) 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) 1710 – 1780 MHz (LTE Band 66) 2412 – 2462 MHz (Wi-Fi 2.4G) 5180 – 5240 MHz (Wi-Fi 5.2G) 5260 – 5320 MHz (Wi-Fi 5.3G) 5500 – 5720 MHz (Wi-Fi 5.5G) 5745 – 5825 MHz (Wi-Fi 5.8G) 2400 – 2483.5 MHz (Bluetooth) 1850 – 1910 MHz(n2) 824 – 849 MHz(n5) 2500 – 2570 MHz (n7) 2570 – 2620 MHz (n38) 2496 – 2690 MHz (n41) 1710– 1780 MHz (n66) 3450 – 3550 MHz (n78) 13.56 MHz (NFC)
Rx Frequency:	869 – 894 MHz (GSM 850) 1930 – 1990 MHz (GSM 1900) 869 – 894 MHz (WCDMA 850 Band V) 2110 – 2155 MHz (WCDMA 1700 Band IV) 1930 – 1990 MHz (WCDMA1900 Band II) 1930 – 1990 MHz(LTE Band 2) 2110 – 2155 MHz (LTE Band 4) 869 – 894 MHz (LTE Band 5)

	2620 – 2690 MHz(LTE Band 7)
	729 – 746 MHz (LTE Band 12)
	746 – 756 MHz (LTE Band 13)
	734 –746 MHz (LTE Band 17)
	1930 – 1995 MHz(LTE Band 25)
	859 – 894 MHz (LTE Band 26)
	2570 – 2620 MHz (LTE Band 38)
	2496 – 2690 MHz (LTE Band 41)
	2110 – 2200 MHz (LTE Band 66)
	2400 – 2483.5 MHz (Wi-Fi 2.4G)
	5150 - 5250 MHz (Wi-Fi 5.2G)
	5250 - 5350 MHz (Wi-Fi 5.3G)
	5470 - 5725 MHz (Wi-Fi 5.5G)
	5725 - 5850 MHz (Wi-Fi 5.8G)
	2400 – 2483.5 MHz (Bluetooth)
	1930 – 1990 MHz(n2)
	869 – 894 MHz(n5)
	2620 – 2690 MHz (n7)
	2570 – 2620 MHz (n38)
	2496 – 2690 MHz (n41)
	2110 – 2200 MHz (n66)
	3450 – 3550 MHz (n78)
GPRS/EGPRS Multislot Class:	12
Test device production information:	Production unit
Device type:	Portable device
Antenna type:	Integrated antenna
Hotspot mode:	Support

4.2 Internal Identification of EUT used during the test

EUT ID*	IMEI	HW Version	SW Version
EUT1	866456060028120	HN2PGETM	7.1.0.107(C900E100R1P2)
EUT2	866456060028468	HN2PGETM	7.1.0.107(C900E100R1P2)
EUT3	866456060027544	HN2PGETM	7.1.0.107(C900E100R1P2)
EUT4	866456060027650	HN2PGETM	7.1.0.107(C900E100R1P2)
EUT5	866456060027544	HN2PGETM	7.1.0.107(C900E100R1P2)
EUT6	866456060028435	HN2PGETM	7.1.0.107(C900E100R1P2)
EUT7	866456060024988	HN2PGETM	7.1.0.107(C900E100R1P2)
EUT8	866456060029623	HN2PGETM	7.1.0.107(C900E100R1P2)
EUT9	866456060024301	HN2PGETM	7.1.0.107(C900E100R1P2)
EUT10	866456060024517	HN2PGETM	7.1.0.107(C900E100R1P2)

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

Note: It is performed to test SAR with the EUT1~4 and conducted power with the EUT5~10.

4.3 Internal Identification of AE used during the test

AE ID*	Description	Model	SN	Manufacturer
AE1	Battery	HB536880EHW	/	Honor Device Co., Ltd. (SCUD (FUJIAN Electronics Co., Ltd.))

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

5 TEST METHODOLOGY

5.1 Applicable Limit Regulations

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

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

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.

5.2 Applicable Measurement Standards

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

KDB447498 D04: Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies.

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

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

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

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

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

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

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

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

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

6 Smart Transmit feature for RF Exposure compliance

The FCC RF exposure limit is defined based on time-averaged RF exposure. The product implements Qualcomm Smart Transmit 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 6GHz). 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 Smart Transmit. SAR char will be entered via the Embedded File System (EFS) to enable the Smart Transmit Feature.

WLAN/BT operations are not enabled with Smart Transmit.

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 DSI

Smart Transmit 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} EFS 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
DSI1	Receiver on(Standalone)
DSI3	Receiver off(Standalone)
DSI5	Receiver on(WWAN+WLAN5G+BT)
DSI7	Receiver on(WWAN+WLAN2.4G)
DSI9	Receiver off(WWAN+WLAN5G+BT)
DSI11	Receiver off(WWAN+WLAN2.4G)
DSI13	Hotspot on

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

Band	Antenna	P _{limit}								P _{max}
		Head	body	WWAN+WiFi5G+BT Head	WWAN+WiFi5G Head	WWAN+WiFi5G+BT body	WWAN+WiFi4G body	WWAN+Hotspot		
		DSI 1	DSI 3	DSI 5	DSI 7	DSI 9	DSI 11	DSI 13		
GSM_B850	0	30	32.5	25	24	27.5	26.5	24	32.5	
GSM_B850	3	29.4	32	24.4	23.4	27.5	26.5	23.4	32	
GSM_B1900	4	26.5	29.5	21.5	20.5	24.5	23.5	20.5	29.5	
GSM_B1900	1	29.2	29.2	27.2	26.2	24.6	23.6	23.6	29.2	
LTE_B2	4	17.7	22.5	12.7	11.7	17.5	16.5	11.7	24	
LTE_B2	1	23.7	22	21.7	20.7	17	16	16	23.7	
LTE_B4	4	17.1	20.7	12.1	11.1	15.7	14.7	11.1	24.5	
LTE_B4	1	24.2	22.7	22.2	21.2	17.7	16.7	16.7	24.2	
LTE_B4	2	20.5	21.2	15.5	14.5	16.2	15.2	14.5	23	
LTE_B4	8	17.9	19.5	12.9	11.9	14.5	13.5	11.9	20	
LTE_B5	0	23.7	23.7	18.7	17.7	18.7	17.7	17.7	24.5	
LTE_B5	3	20.7	24	15.7	14.7	19	18	14.7	24	
LTE_B7	4	17	19.9	12	11	14.9	13.9	11	24	
LTE_B7	1	21	21.2	16	15	16.2	15.2	15	23.9	
LTE_B7	2	19.7	19.5	14.7	13.7	14.5	13.5	13.5	22.5	
LTE_B7	8	16.6	18.2	11.6	10.6	13.5	12.5	10.6	18.2	
LTE_B12	0	24.5	24.1	22.5	21.5	19.1	18.1	18.1	24.5	
LTE_B12	3	21.9	24	16.9	15.9	22	21	15.9	24	
LTE_B13	0	23.5	23.5	21.5	20.5	18.7	17.7	17.7	23.5	
LTE_B13	3	23.1	23.1	19.3	18.3	21.1	20.1	19.3	23.1	
LTE_B17	0	24.5	24.2	22.5	21.5	19.2	18.2	18.2	24.5	
LTE_B17	3	22	24.1	17	16	22.1	21.1	16	24.1	
LTE_B25	4	17.7	22.5	12.7	11.7	17.5	16.5	11.7	24	
LTE_B25	1	23.5	21.6	21.5	20.5	16.8	15.8	15.8	23.5	
LTE_B26	0	24.5	23.9	22.5	21.5	18.9	17.9	17.9	24.5	
LTE_B26	3	20	24	15	14	20.6	19.6	14	24	
LTE_B38	4	18.1	22.4	13.1	12.1	17.4	16.4	12.1	24.5	
LTE_B38	1	23	22.7	18	17	17.7	16.7	16.7	24.4	
LTE_B38	2	21.4	21.4	16.4	15.4	16.4	15.4	15.4	22.4	
LTE_B38	8	19	19	14.7	13.7	16.1	15.1	13.7	19	
LTE_B41-PC2	4	19.6	23.9	14.6	13.6	18.9	17.9	13.6	26	
LTE_B41-PC2	1	24.5	24.2	19.5	18.5	19.2	18.2	18.2	25.9	
LTE_B41-PC2	2	22.9	22.9	17.9	16.9	17.9	16.9	16.9	23.9	
LTE_B41-PC2	8	20.3	20.3	15.3	14.3	18.1	17.1	14.3	20.3	
LTE_B41-PC3	4	18.1	22.4	13.1	12.1	17.4	16.4	12.1	24.5	
LTE_B41-PC3	1	23	22.7	18	17	17.7	16.7	16.7	24.4	
LTE_B41-PC3	2	21.4	21.4	16.4	15.4	16.4	15.4	15.4	22.4	
LTE_B41-PC3	8	18.8	18.8	13.8	12.8	16.6	15.6	12.8	18.8	
LTE_B66	4	17.1	20.7	12.1	11.1	15.7	14.7	11.1	24.5	
LTE_B66	1	24.2	22.7	22.2	21.2	17.7	16.7	16.7	24.2	
LTE_B66	2	20.5	21.2	15.5	14.5	16.2	15.2	14.5	23	
LTE_B66	8	17.8	19.2	12.6	11.6	14.2	13.2	11.6	19.7	
NR5G_N2	4	16.8	20.8	11.8	10.8	15.8	14.8	10.8	24	
NR5G_N2	1	23.7	21.5	20.7	19.7	16.5	15.5	15.5	23.7	
NR5G_N2-NSA	2	18.2	18.5	13.2	12.2	13.5	12.5	12.2	23	
NR5G_N2-NSA	8	15.2	18	10.2	9.2	13	12	9.2	19.3	
NR5G_N5	0	23.9	23.9	18.9	17.9	18.9	17.9	17.9	24.5	
NR5G_N5	3	20.1	24	15.1	14.1	19	18	14.1	24	
NR5G_N7	4	16	19.2	11	10	14.2	13.2	10	24	
NR5G_N7	1	20.7	20.3	15.7	14.7	15.3	14.3	14.3	23.9	
NR5G_N7	2	19.1	19.1	14.1	13.1	14.1	13.1	13.1	22.5	
NR5G_N7	8	16.7	18.8	11.7	10.7	13.8	12.8	10.7	18.8	
NR5G_N38	4	16	19.2	11	10	14.2	13.2	10	24.5	
NR5G_N38	1	20	20	15	14	15	14	14	24.4	
NR5G_N38	2	19.1	19.1	14.1	13.1	14.1	13.1	13.1	22.4	
NR5G_N38	8	16.2	19	11.2	10.2	14	13	10.2	19.2	
NR5G_N41-PC2	4	15.9	19.2	10.9	9.9	14.2	13.2	9.9	26	
NR5G_N41-PC2	1	20.1	20	15.1	14.1	15	14	14	25.9	
NR5G_N41-PC2	2	19	19	14	13	14	13	13	23.9	
NR5G_N41-PC2	8	16.5	19.4	11.5	10.5	14.4	13.4	10.5	20	
NR5G_N41-PC3	4	15.9	19.2	10.9	9.9	14.2	13.2	9.9	23	
NR5G_N41-PC3	1	20.1	20	15.1	14.1	15	14	14	22.6	
NR5G_N41-PC3	2	19	19	14	13	14	13	13	23	
NR5G_N41-PC3	8	16.5	18.7	11.5	10.5	14.4	13.4	10.5	18.7	
NR5G_N66	4	16.8	20.2	11.8	10.8	15.2	14.2	10.8	24.5	
NR5G_N66	1	24.2	22.3	21.2	20.2	17.3	16.3	16.3	24.2	
NR5G_N66	2	20.2	21.8	15.2	14.2	16.8	15.8	14.2	23	
NR5G_N66	8	17.6	19.6	12.6	11.6	14.6	13.6	11.6	20.3	
NR5G_N78-PC2	4	14.9	18.4	9.9	8.9	13.4	12.4	8.9	26	
NR5G_N78-PC2	7	16.3	20.8	11.3	10.3	15.8	14.8	10.3	20.8	
NR5G_N78-PC2	2	17.6	18.2	12.6	11.6	13.2	12.2	11.6	25.3	
NR5G_N78-PC2	6	16.1	17.3	11.1	10.1	12.3	11.3	10.1	20.1	
NR5G_N78-PC3	4	14.9	18.4	9.9	8.9	13.4	12.4	8.9	23	
NR5G_N78-PC3	7	16.3	20.8	11.3	10.3	15.8	14.8	10.3	23.9	
NR5G_N78-PC3	2	17.6	18.2	12.6	11.6	13.2	12.2	11.6	21.7	
NR5G_N78-PC3	6	16.1	17.3	11.1	10.1	12.3	11.3	10.1	23	
WCDMA_B2	4	17.6	22.4	12.6	11.6	17.4	16.4	11.6	24	
WCDMA_B2	1	23.7	22	21.7	20.7	17	16	16	23.7	
WCDMA_B4	4	17.2	21.2	12.2	11.2	16.2	15.2	11.2	24.5	
WCDMA_B4	1	23.7	22.6	21.7	20.7	17.6	16.6	16.6	23.7	
WCDMA_B5	0	23.6	23.6	18.6	17.6	18.6	17.6	17.6	24.5	
WCDMA_B5	3	21	24	16	15	19	18	15	24	

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.

5G NR + LTE + WLAN + BT Sim-Tx analysis:

In 5G NR + LTE + WLAN + BT simultaneous transmission, 5G NR and LTE transmission are managed and controlled by Qualcomm® Smart Transmit, while the RF exposure from WLAN and BT radios is managed using legacy approach, i.e., through a fixed power back-off if needed.

Since WLAN and BT do not employ time-averaging, 1gSAR and 10gSAR measurement for WLAN and BT need to be conducted at their corresponding rated power following current FCC test procedures to determine reported SAR values.

Smart Transmit current implementation assumes hotspots from 5G NR and LTE are collocated. Therefore, for a total of 100% exposure margin, if LTE uses x%, then the exposure margin left for 5G NR is capped to (100-x)%. Thus, the compliance equation for LTE + 5G NR is

$$x\% * A + (100-x)\% * B \leq 1.0,$$

Where, A is normalized reported time-averaged SAR exposure ratio from LTE, and $A \leq 1.0$; B is normalized reported time-averaged exposure ratio from 5G NR (i.e., PD exposure for mmW NR or SAR exposure for sub6 NR), and $B \leq 1.0$.

Let C = normalized reported SAR exposure ratio from WLAN+BT, then for compliance,

$$x\% * A + (100-x)\% * B + C \leq 1.0 \quad (1)$$

$$x\% * A + (100-x)\% * B \leq x\% * \max(A, B) + (100-x)\% * \max(A, B) \leq \max(A, B)$$

$$x\% * A + (100-x)\% * B + C \leq \max(A, B) + C \leq 1.0 \quad (2)$$

if $A + C \leq 1.0$ and $B + C \leq 1.0$ can be proven, then “ $x\% * A + (100-x)\% * B + C \leq 1.0$ ” . Therefore simultaneous transmission analysis for 5G NR + LTE + WLAN + BT can be performed in two steps

Step 1: Prove total exposure ratio (TER) of LTE + WLAN + BT < 1

Step 2: Prove total exposure ratio (TER) of 5G NR + WLAN + BT < 1

Step 1: it's justified in Part 1 SAR report

Step 2: it's justified in section 12.1

During TER analysis, the reported time-averaged PD (assuming input.power.limit for at least one beam < NV setting Pmax) applies only to the worst-surface of the device. For other surfaces, worst-case PD needs to be calculated to assess TER for the corresponding surface. To determine worst-case PD for other surfaces, using simulation results

1. Calculate ratio of simulated PD for desired surface to simulated PD of worst surface for a given beam
2. Repeat 1 to obtain ratios for all supported beams, and determine maximum ratio
3. Repeat 1~2 to obtain the corresponding worst-case PD for rest of surfaces (non worst-case surfaces) needed for TER analysis.

For example, if the back surface of device has highest PD and is determined as worst-surface, then,

- **Back_surface_worst-case_PD = reported time-averaged PD**
where, **reported time-averaged PD** = PD_design_target + mmW device design related uncertainty
- **For other surfaces**
 - **front_surface_worst-case_PD = PD_ratio_front_to_back * reported timeaveraged PD**
where, PD_ratio_front_to_back = $\max \left\{ \frac{\text{simulated } PD_{\text{front}(i)}}{\text{simulated } P_{\text{back}(i)}}, \text{beam } i = 1, 2 \dots N \right\}$, N= total N beams (all beams) supported by the mmW module being evaluated being evaluated.
 - Follow similar approach to determine worst-case PD for bottom/top/left/right (if applicable).
- **For body-worn and hotspot scenario, if SAR was measured at 15mm and 10mm, respectively, then the worst-case PD at 15mm and 10mm separation distance should be determined per surface as**
 - **15mm_worst-case_PD = PD_ratio_15mm_to_0mm * reported timeaveraged PD**
Here, PD_ratio_15 mm _to_0mm = $\max \left\{ \frac{\text{simulated } Pd \text{ at } 15 \text{ mm } (i)}{\text{simulated } PD \text{ at } 0 \text{ mm } (i)}, \text{beam } i = 1, 2 \dots N \right\}$, , N = total number of beams (all beams) supported by the mmW module being evaluated.
 - **10mm_worst-case_PD = PD_ratio_10mm_to_0mm * reported timeaveraged PD**
Here, PD_ratio_15 mm _to_0mm = $\max \left\{ \frac{\text{simulated } Pd \text{ at } 10 \text{ mm } (i)}{\text{simulated } PD \text{ at } 0 \text{ mm } (i)}, \text{beam } i = 1, 2 \dots N \right\}$, , N = total number of beams (all beams) supported by the mmW module being evaluated.
 - Note the validated model/simulation should be used in worst-case PD determination.

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

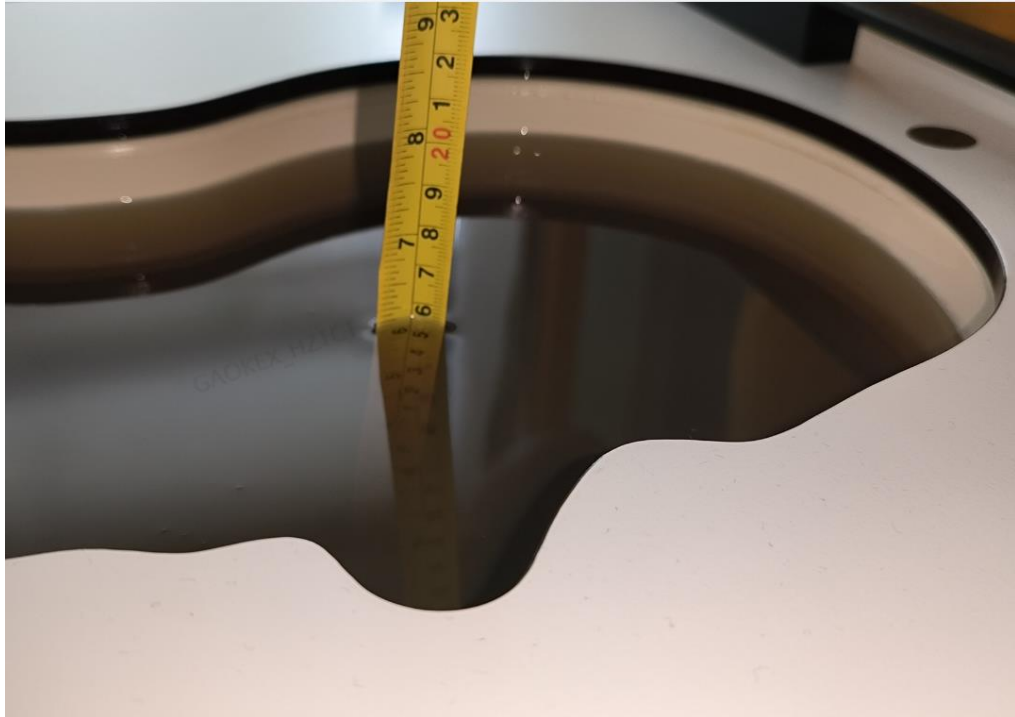
8.2 Dielectric Performance

Table 8.2: Dielectric Performance of Tissue Simulating Liquid

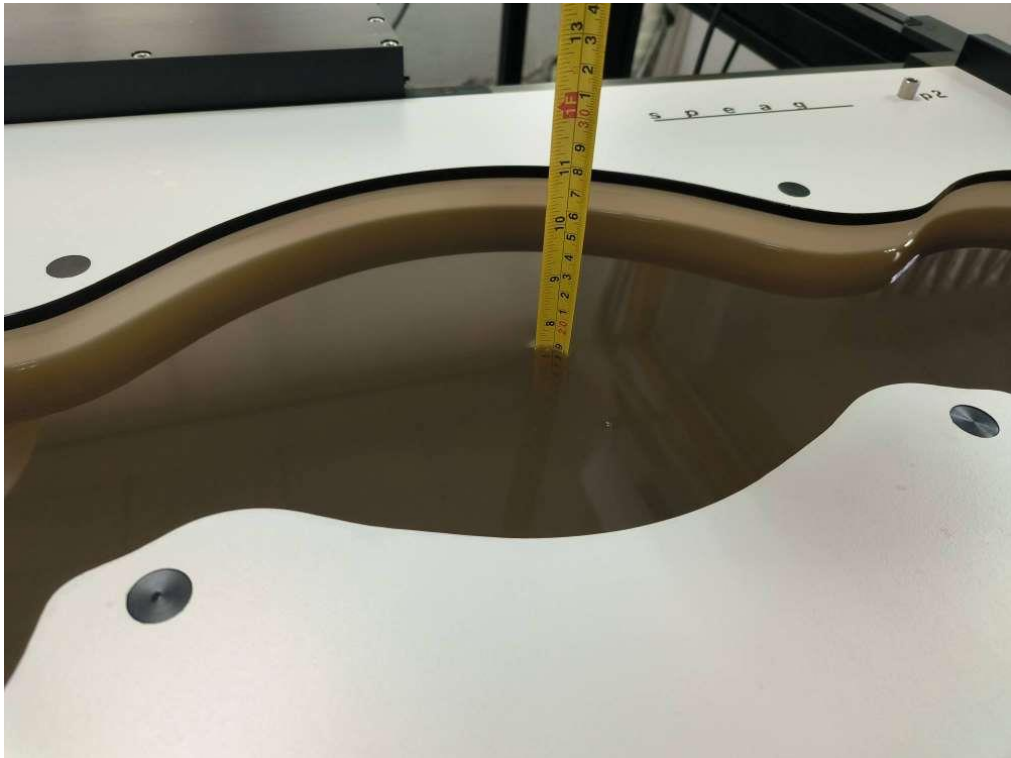
Measurement Date (yyyy-mm-dd)	Type	Frequency	Permittivity ϵ	Drift (%)	Conductivity σ (S/m)	Drift (%)
2023/1/12	Head	13 MHz	52.75	-4.09	0.781	4.13
2022/12/26	Head	750 MHz	43.98	4.86	0.907	1.91
2023/1/4	Head	835 MHz	43.34	4.43	0.931	3.44
2022/12/27	Head	835 MHz	42.99	3.59	0.923	2.56
2022/12/25	Head	835 MHz	42.72	2.94	0.917	1.89
2023/1/3	Head	1750 MHz	41.88	4.49	1.380	0.73
2022/12/31	Head	1750 MHz	41.5	3.54	1.368	-0.15
2023/1/1	Head	1750 MHz	41.17	2.72	1.357	-0.95
2022/12/20	Head	1750 MHz	40.92	2.10	1.348	-1.61
2023/1/6	Head	1900 MHz	41.26	3.15	1.458	4.14
2022/12/28	Head	1900 MHz	40.92	2.30	1.446	3.29
2023/1/2	Head	1900 MHz	40.67	1.68	1.437	2.64
2023/1/7	Head	2450 MHz	40.73	3.90	1.852	2.89
2023/1/30	Head	2450 MHz	40.36	2.96	1.835	1.94
2022/12/29	Head	2600 MHz	40.51	3.85	1.968	0.41
2023/1/4	Head	2600 MHz	40.15	2.92	1.950	-0.51
2023/1/5	Head	2600 MHz	39.82	2.08	1.935	-1.28
2023/1/17	Head	2600 MHz	39.66	1.67	1.927	-1.68
2022/12/22	Head	2600 MHz	39.58	1.46	1.923	-1.89
2022/12/21	Head	2600 MHz	39.98	2.49	1.942	-0.92
2022/12/23	Head	2600 MHz	40.31	3.33	1.958	-0.10
2023/1/3	Head	3500 MHz	38.94	2.66	2.837	-2.51
2023/1/10	Head	3500 MHz	38.59	1.74	2.919	0.31

2023/1/9	Head	5250 MHz	36.12	0.53	4.505	-4.35
2023/1/8	Head	5250 MHz	36.84	2.53	4.595	-2.44
2023/1/9	Head	5600 MHz	35.55	0.06	4.895	-3.45
2023/1/8	Head	5600 MHz	36.26	2.05	4.990	-1.58
2023/1/9	Head	5750 MHz	35.33	-0.08	5.056	-3.14
2023/1/8	Head	5750 MHz	36.04	1.92	5.157	-1.21

Note: The liquid temperature is 22.0°C



Picture 8-1 Liquid depth in the Head Phantom

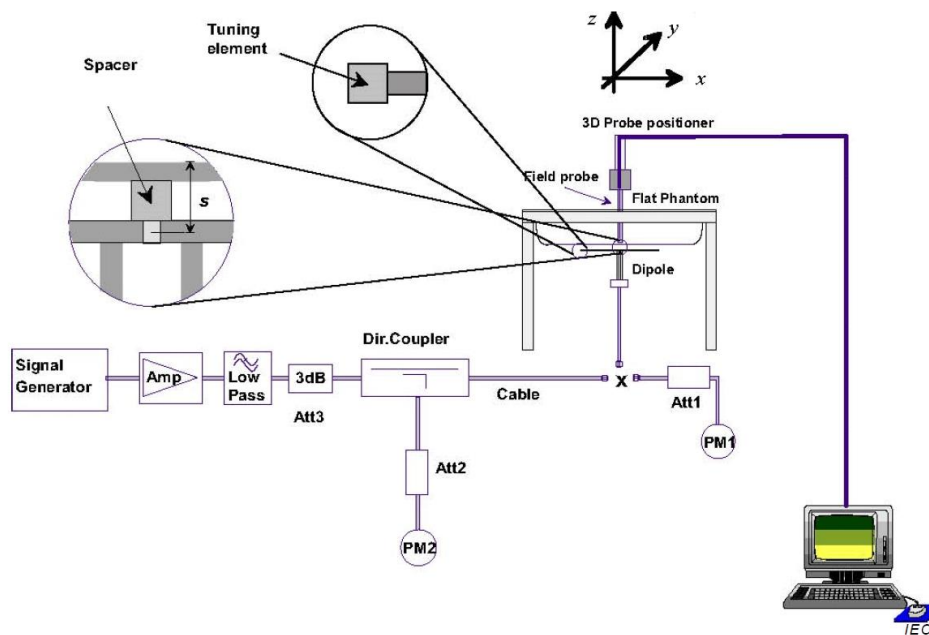


Picture 8-2 Liquid depth in the Flat Phantom

9 System verification

9.1 System Setup

In the simplified setup for system evaluation, the DUT is replaced by a calibrated dipole and the power source is replaced by a continuous wave that comes from a signal generator. The calibrated dipole must be placed beneath the flat phantom section of the SAM twin phantom with the correct distance holder. The distance holder should touch the phantom surface with a light pressure at the reference marking and be oriented parallel to the long side of the phantom. The equipment setup is shown below:



Picture 9-1 System Setup for System Evaluation



Picture 9-2 Photo of Dipole Setup

9.2 System Verification

SAR system verification is required to confirm measurement accuracy, according to the tissue dielectric media, probe calibration points and other system operating parameters required for measuring the SAR of a test device. The system verification must be performed for each frequency band and within the valid range of each probe calibration point required for testing the device.

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

Table 9.1: System Verification of Head

Measurement Date (yyyy-mm-dd)	Frequency	Target value (W/kg)		Measured value(W/kg)		Deviation	
		10 g Average	1 g Average	10 g Average	1 g Average	10 g Average	1 g Average
2023/1/12	13 MHz	0.356	0.577	0.371	0.610	4.21%	5.72%
2022/12/26	750 MHz	5.64	8.63	5.72	8.60	1.42%	-0.35%
2023/1/4	835 MHz	6.34	9.73	6.48	9.68	2.21%	-0.51%
2022/12/27	835 MHz	6.34	9.73	6.28	9.48	-0.95%	-2.57%
2022/12/25	835 MHz	6.34	9.73	6.60	10.12	4.10%	4.01%
2023/1/3	1750 MHz	19.30	36.80	20.24	37.56	4.87%	2.07%
2022/12/31	1750 MHz	19.30	36.80	20.72	38.24	7.36%	3.91%
2023/1/1	1750 MHz	19.30	36.80	20.16	37.68	4.46%	2.39%
2022/12/20	1750 MHz	19.30	36.80	20.40	37.72	5.70%	2.50%
2023/1/6	1900 MHz	20.70	39.70	21.48	41.20	3.77%	3.78%
2022/12/28	1900 MHz	20.70	39.70	21.12	40.80	2.03%	2.77%
2023/1/2	1900 MHz	20.70	39.70	21.08	40.80	1.84%	2.77%
2023/1/7	2450 MHz	24.90	52.70	24.96	54.00	0.24%	2.47%
2023/1/30	2450 MHz	24.90	52.70	24.48	53.20	-1.69%	0.95%
2022/12/29	2600 MHz	25.20	55.80	25.16	56.00	-0.16%	0.36%
2023/1/4	2600 MHz	25.20	55.80	25.16	56.00	-0.16%	0.36%
2023/1/5	2600 MHz	25.20	55.80	25.36	56.80	0.63%	1.79%
2023/1/17	2600 MHz	25.20	55.80	25.44	56.80	0.95%	1.79%
2022/12/22	2600 MHz	25.20	55.80	25.00	55.60	-0.79%	-0.36%
2022/12/21	2600 MHz	25.20	55.80	24.80	55.60	-1.59%	-0.36%
2022/12/23	2600 MHz	25.20	55.80	24.44	54.80	-3.02%	-1.79%
2023/1/3	3500 MHz	25.30	67.90	27.00	68.20	6.72%	0.44%
2023/1/10	3500 MHz	25.30	67.90	26.80	68.20	5.93%	0.44%
2023/1/9	5250 MHz	22.30	78.10	22.80	77.80	2.24%	-0.38%
2023/1/8	5250 MHz	22.30	78.10	22.20	78.00	-0.45%	-0.13%
2023/1/9	5600 MHz	23.70	83.20	24.20	82.70	2.11%	-0.60%
2023/1/8	5600 MHz	23.70	83.20	23.20	81.50	-2.11%	-2.04%
2023/1/9	5750 MHz	22.80	80.40	23.70	79.10	3.95%	-1.62%
2023/1/8	5750 MHz	22.80	80.40	21.80	77.50	-4.39%	-3.61%

10 Measurement Procedures

10.1 Tests to be performed

In order to determine the highest value of the peak spatial-average SAR of a handset, all device positions, configurations and operational modes shall be tested for each frequency band according to steps 1 to 3 below. A flowchart of the test process is shown in picture 9.1.

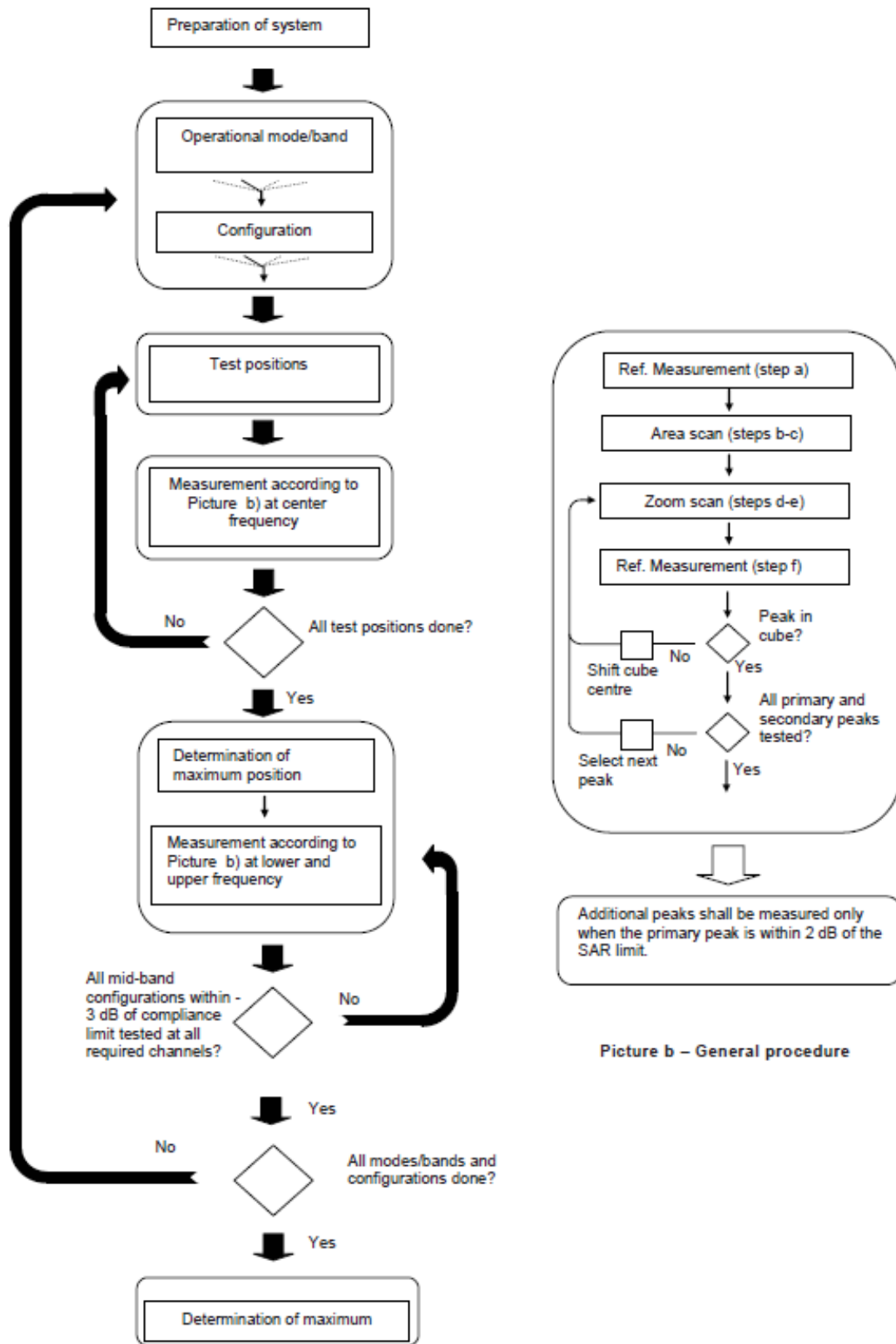
Step 1: The tests described in 9.2 shall be performed at the channel that is closest to the centre of the transmit frequency band (f_c) for:

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

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

Step 2: For the condition providing highest peak spatial-average SAR determined in Step 1, perform all tests described in 9.2 at all other test frequencies, i.e., lowest and highest frequencies. In addition, for all other conditions (device position, configuration and operational mode) where the peak spatial-average SAR value determined in Step 1 is within 3 dB of the applicable SAR limit, it is recommended that all other test frequencies shall be tested as well.

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



Picture a – Tests to be performed

Picture b – General procedure

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

10.2 General Measurement Procedure

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

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

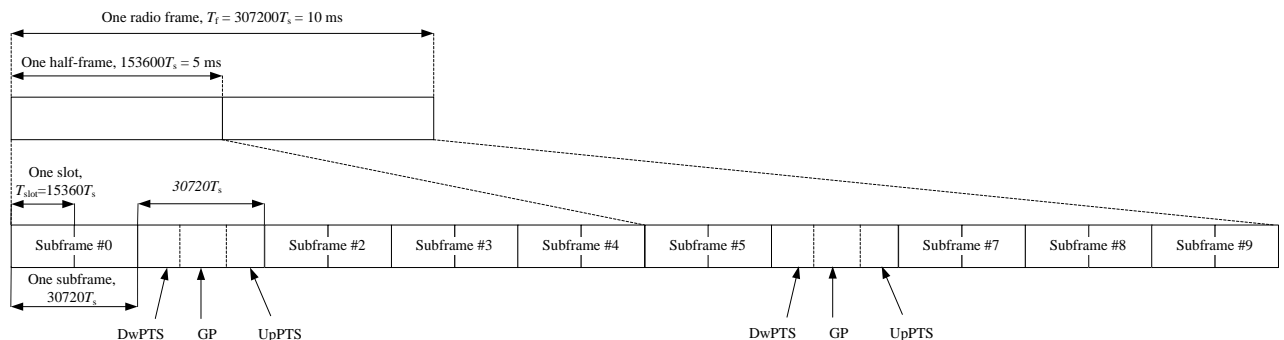


Figure 9.2: Frame structure type 2 (for 5 ms switch-point periodicity)

Table 9.1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$	$7680 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$			$7680 \cdot T_s$		
5	$6592 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$	$20480 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			-		
9	$13168 \cdot T_s$			-		

Table 9.2: Uplink-downlink configurations

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Duty factor is calculated by:

Duty factor = uplink frame*6+UpPTS*2/one frame length

$$= (30720 \cdot T_s * 6 + 5120 \cdot T_s * 2) / 307200 \cdot T_s$$

$$= 0.633$$

10.5 Bluetooth & Wi-Fi Measurement Procedures for SAR

Normal network operating configurations are not suitable for measuring the SAR of 802.11 transmitters in general. Unpredictable fluctuations in network traffic and antenna diversity conditions can introduce undesirable variations in SAR results. The SAR for these devices should be measured using chipset based test mode software to ensure that the results are consistent and reliable.

Chipset based test mode software is hardware dependent and generally varies among manufacturers. The device operating parameters established in a test mode for SAR measurements must be identical to those programmed in production units, including output power levels, amplifier gain settings and other RF performance tuning parameters. The test frequencies should correspond to actual channel frequencies defined for domestic use. SAR for devices with switched diversity should be measured with only one antenna transmitting at a time during each SAR measurement, according to a fixed modulation and data rate. The same data pattern should be used for all measurements.

10.6 NR Measurement Procedures for SAR

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

10.7 Power Drift

To control the output power stability during the SAR test, DASY5 system calculates the power drift by measuring the E-field at the same location at the beginning and at the end of the measurement for each test position. These drift values can be found in section 14 labeled as: (Power Drift [dB]). This ensures that the power drift during one measurement is within 5%.

11 Area Scan Based 1-g SAR

11.1 Requirement of KDB

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

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

11.2 Fast SAR Algorithms

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

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

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

Both algorithms are implemented in DASY software.

12 Conducted Output Power

All conducted power measurements for 2G/3G/4G WWAN technologies and bands in this section were performed by setting Reserve_power_margin (Qualcomm® Smart Transmit EFS entry) to 0dB, so that the EUT transmits continuously at minimum (Plimit, maximum tune up output power Pmax).The details of test scenarios categorization in the table below

Head receiver on Standalone	Head receiver on WWAN+WIFI	Body worn receiver off	Hostpot	Full Power
Plimit				Pmax
DSI 1	DSI 5	DSI 3	DSI 13	

12.1 GSM Measurement result

GSM850(ANT0 DSI 1)

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	30.58	30.57	30.48	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	30.58	30.47	30.44	31.50	-9.03	21.55	21.44	21.41
2 Txslots	27.54	27.40	27.23	28.50	-6.02	21.52	21.38	21.21
3Txslots	25.52	25.31	25.17	26.70	-4.26	21.26	21.05	20.91
4 Txslots	24.39	23.93	24.14	25.50	-3.01	21.38	20.92	21.13
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	30.37	30.29	30.27	31.50	-9.03	21.34	21.26	21.24
2 Txslots	27.41	27.19	27.06	28.50	-6.02	21.39	21.17	21.04
3Txslots	25.31	25.12	25.01	26.70	-4.26	21.05	20.86	20.75
4 Txslots	24.23	23.80	24.01	25.50	-3.01	21.22	20.79	21.00
GSM 850 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	27.81	27.14	27.09	28.00	-9.03	18.78	18.11	18.06
2 Txslots	24.11	24.07	23.80	25.00	-6.02	18.09	18.05	17.78
3Txslots	22.33	22.31	21.92	23.20	-4.26	18.07	18.05	17.66
4 Txslots	20.80	21.19	20.71	22.00	-3.01	17.79	18.18	17.70

GSM850(ANT0 DSI 3)

GSM 850 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	33.35	33.30	32.86	34.00	-9.03	24.32	24.27	23.83
2 Txslots	29.75	29.04	29.01	31.00	-6.02	23.73	23.02	22.99
3Txslots	28.15	28.08	28.05	29.20	-4.26	23.89	23.82	23.79
4 Txslots	26.10	26.28	25.96	28.00	-3.01	23.09	23.27	22.95
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	33.30	33.31	33.05	34.00	-9.03	24.27	24.28	24.02
2 Txslots	29.65	30.07	29.82	31.00	-6.02	23.63	24.05	23.80
3Txslots	28.52	28.27	27.94	29.20	-4.26	24.26	24.01	23.68
4 Txslots	26.92	27.00	26.86	28.00	-3.01	23.91	23.99	23.85
GSM 850 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	27.15	27.25	27.05	28.00	-9.03	18.12	18.22	18.02
2 Txslots	24.23	24.22	23.76	25.00	-6.02	18.21	18.20	17.74
3Txslots	24.56	22.26	21.89	23.20	-4.26	20.30	18.00	17.63
4 Txslots	21.04	21.25	20.69	22.00	-3.01	18.03	18.24	17.68

GSM850(ANT0 DSI 13)

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	24.58	24.20	24.42	25.50	-9.03	15.55	15.17	15.39
2 Txslots	21.49	21.64	21.28	22.50	-6.02	15.47	15.62	15.26
3Txslots	19.78	19.92	19.53	20.70	-4.26	15.52	15.66	15.27
4 Txslots	18.58	18.69	18.55	19.50	-3.01	15.57	15.68	15.54
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	24.44	24.07	24.33	25.50	-9.03	15.41	15.04	15.30
2 Txslots	21.33	21.49	21.17	22.50	-6.02	15.31	15.47	15.15
3Txslots	19.63	19.79	19.43	20.70	-4.26	15.37	15.53	15.17
4 Txslots	18.43	18.54	18.46	19.50	-3.01	15.42	15.53	15.45
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	24.57	24.53	24.26	25.50	-9.03	15.54	15.50	15.23
2 Txslots	21.36	21.77	21.29	22.50	-6.02	15.34	15.75	15.27
3Txslots	19.88	20.29	19.72	20.70	-4.26	15.62	16.03	15.46
4 Txslots	18.14	18.56	18.38	19.50	-3.01	15.13	15.55	15.37

GSM850(ANT3 DSI 1)

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	29.82	29.78	29.20	30.90	/	/	/	/
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	30.07	30.08	29.38	30.90	-9.03	21.04	21.05	20.35
2 Txslots	27.07	27.13	26.91	27.90	-6.02	21.05	21.11	20.89
3Txslots	25.00	25.08	24.85	26.10	-4.26	20.74	20.82	20.59
4 Txslots	23.84	23.46	23.64	24.90	-3.01	20.83	20.45	20.63
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	29.76	29.80	30.16	30.90	-9.03	20.73	20.77	21.13
2 Txslots	26.59	26.84	26.68	27.90	-6.02	20.57	20.82	20.66
3Txslots	24.91	24.80	24.66	26.10	-4.26	20.65	20.54	20.40
4 Txslots	23.57	23.74	23.51	24.90	-3.01	20.56	20.73	20.50
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	26.65	26.93	26.86	27.50	-9.03	17.62	17.90	17.83
2 Txslots	23.95	23.89	24.44	24.50	-6.02	17.93	17.87	18.42
3Txslots	22.18	22.84	21.71	22.70	-4.26	17.92	18.58	17.45
4 Txslots	20.65	21.02	20.53	21.50	-3.01	17.64	18.01	17.52

GSM850(ANT3 DSI 3)

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	32.61	32.56	32.14	33.50	-9.03	23.58	23.53	23.11
2 Txslots	29.34	28.76	28.67	30.50	-6.02	23.32	22.74	22.65
3Txslots	27.85	27.88	27.76	28.70	-4.26	23.59	23.62	23.50
4 Txslots	25.91	26.10	25.77	27.50	-3.01	22.90	23.09	22.76
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	32.70	32.63	32.19	33.50	-9.03	23.67	23.60	23.16
2 Txslots	29.50	28.87	28.74	30.50	-6.02	23.48	22.85	22.72
3Txslots	28.00	27.98	27.83	28.70	-4.26	23.74	23.72	23.57
4 Txslots	26.06	26.18	25.85	27.50	-3.01	23.05	23.17	22.84
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	26.63	27.98	26.86	27.50	-9.03	17.60	18.95	17.83
2 Txslots	23.94	23.90	23.59	24.50	-6.02	17.92	17.88	17.57
3Txslots	22.17	22.15	21.72	22.70	-4.26	17.91	17.89	17.46
4 Txslots	20.67	21.05	20.52	21.50	-3.01	17.66	18.04	17.51

GSM850(ANT3 DSI 13)

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	23.88	23.60	23.88	24.90	-9.03	14.85	14.57	14.85
2 Txslots	20.98	21.17	20.87	21.90	-6.02	14.96	15.15	14.85
3Txslots	19.34	19.53	19.16	20.10	-4.26	15.08	15.27	14.90
4 Txslots	18.16	18.31	18.21	18.90	-3.01	15.15	15.30	15.20
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	24.13	23.79	24.01	24.90	-9.03	15.10	14.76	14.98
2 Txslots	21.26	21.38	21.02	21.90	-6.02	15.24	15.36	15.00
3Txslots	19.61	19.73	19.30	20.10	-4.26	15.35	15.47	15.04
4 Txslots	18.41	18.48	18.33	18.90	-3.01	15.40	15.47	15.32
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	24.48	24.41	24.10	24.90	-9.03	15.45	15.38	15.07
2 Txslots	21.24	21.64	21.11	21.90	-6.02	15.22	15.62	15.09
3Txslots	19.80	20.18	19.66	20.10	-4.26	15.54	15.92	15.40
4 Txslots	17.93	18.36	18.17	18.90	-3.01	14.92	15.35	15.16

GSM1900(ANT4 DSI 1)

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	27.15	27.07	27.07	28.00	/	/	/	/
GSM 1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	26.96	26.78	26.65	28.00	-9.03	17.93	17.75	17.62
2 Txslots	23.67	23.42	23.26	25.00	-6.02	17.65	17.40	17.24
3Txslots	21.22	21.04	21.25	23.20	-4.26	16.96	16.78	16.99
4 Txslots	20.59	20.22	20.38	22.00	-3.01	17.58	17.21	17.37
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	26.91	26.68	26.59	28.00	-9.03	17.88	17.65	17.56
2 Txslots	23.61	23.33	23.20	25.00	-6.02	17.59	17.31	17.18
3Txslots	21.16	21.01	21.19	23.20	-4.26	16.90	16.75	16.93
4 Txslots	20.52	20.14	20.31	22.00	-3.01	17.51	17.13	17.30
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	25.61	25.83	25.84	27.00	-9.03	16.58	16.80	16.81
2 Txslots	22.67	22.59	22.54	24.00	-6.02	16.65	16.57	16.52
3Txslots	20.87	20.65	20.70	22.20	-4.26	16.61	16.39	16.44
4 Txslots	19.40	19.78	19.62	21.00	-3.01	16.39	16.77	16.61

GSM1900(ANT4 DSI 3)

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	29.90	29.93	29.99	31.00	-9.03	20.87	20.90	20.96
2 Txslots	26.35	26.51	26.35	28.00	-6.02	20.33	20.49	20.33
3Txslots	25.06	24.79	24.66	26.20	-4.26	20.80	20.53	20.40
4 Txslots	23.63	23.49	23.80	25.00	-3.01	20.62	20.48	20.79
GSM 1900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.87	29.93	29.97	31.00	-9.03	20.84	20.90	20.94
2 Txslots	26.37	26.49	26.50	28.00	-6.02	20.35	20.47	20.48
3Txslots	25.10	24.74	24.92	26.20	-4.26	20.84	20.48	20.66
4 Txslots	23.65	23.44	23.72	25.00	-3.01	20.64	20.43	20.71
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	25.77	26.31	25.97	27.00	-9.03	16.74	17.28	16.94
2 Txslots	22.75	22.52	22.44	24.00	-6.02	16.73	16.50	16.42
3Txslots	21.25	20.54	20.81	22.20	-4.26	16.99	16.28	16.55
4 Txslots	20.79	19.91	19.85	21.00	-3.01	17.78	16.90	16.84

GSM1900(ANT4 DSI 13)

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	20.65	20.61	20.72	22.00	-9.03	11.62	11.58	11.69
2 Txslots	17.60	17.53	17.54	19.00	-6.02	11.58	11.51	11.52
3Txslots	15.84	15.79	15.91	17.20	-4.26	11.58	11.53	11.65
4 Txslots	14.40	14.58	14.59	16.00	-3.01	11.39	11.57	11.58
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	20.67	20.57	20.67	22.00	-9.03	11.64	11.54	11.64
2 Txslots	17.65	17.50	17.45	19.00	-6.02	11.63	11.48	11.43
3Txslots	15.81	15.73	15.89	17.20	-4.26	11.55	11.47	11.63
4 Txslots	14.58	14.23	14.54	16.00	-3.01	11.57	11.22	11.53
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	20.79	20.62	20.79	22.00	-9.03	11.76	11.59	11.76
2 Txslots	17.63	17.40	17.46	19.00	-6.02	11.61	11.38	11.44
3Txslots	15.66	16.17	15.55	17.20	-4.26	11.40	11.91	11.29
4 Txslots	14.32	14.84	14.13	16.00	-3.01	11.31	11.83	11.12

GSM1900(ANT1 DSI 1/3)

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	29.86	29.55	29.79	30.70	/	/	/	/
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	29.89	29.53	29.68	30.70	-9.03	20.86	20.50	20.65
2 Txslots	26.45	26.22	26.06	27.70	-6.02	20.43	20.20	20.04
3Txslots	24.70	24.32	24.45	25.90	-4.26	20.44	20.06	20.19
4 Txslots	23.34	22.77	23.23	24.70	-3.01	20.33	19.76	20.22
GSM 1900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.93	29.54	29.68	30.70	-9.03	20.90	20.51	20.65
2 Txslots	26.51	26.21	26.04	27.70	-6.02	20.49	20.19	20.02
3Txslots	24.75	24.32	24.40	25.90	-4.26	20.49	20.06	20.14
4 Txslots	23.35	22.75	23.20	24.70	-3.01	20.34	19.74	20.19
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	26.07	26.00	25.97	26.70	-9.03	17.04	16.97	16.94
2 Txslots	22.80	22.49	22.57	23.70	-6.02	16.78	16.47	16.55
3Txslots	20.97	20.76	20.76	21.90	-4.26	16.71	16.50	16.50
4 Txslots	19.65	19.92	19.77	20.70	-3.01	16.64	16.91	16.76

GSM1900(ANT1 DSI 13)

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	24.36	24.23	24.35	25.10	-9.03	15.33	15.20	15.32
2 Txslots	21.14	21.01	21.00	22.10	-6.02	15.12	14.99	14.98
3Txslots	19.57	19.34	19.39	20.30	-4.26	15.31	15.08	15.13
4 Txslots	18.16	17.97	18.31	19.10	-3.01	15.15	14.96	15.30
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	24.26	24.28	24.25	25.10	-9.03	15.23	15.25	15.22
2 Txslots	21.06	21.03	20.95	22.10	-6.02	15.04	15.01	14.93
3Txslots	19.18	18.93	19.02	20.30	-4.26	14.92	14.67	14.76
4 Txslots	18.07	18.93	18.10	19.10	-3.01	15.06	15.92	15.09
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	24.31	24.48	24.42	25.10	-9.03	15.28	15.45	15.39
2 Txslots	21.27	20.87	21.04	22.10	-6.02	15.25	14.85	15.02
3Txslots	19.43	19.27	19.36	20.30	-4.26	15.17	15.01	15.10
4 Txslots	17.95	18.38	17.75	19.10	-3.01	14.94	15.37	14.74

12.2 WCDMA Measurement result

WCDMA1900(ANT4 DSI 1)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	17.43	17.59	17.63	18.60
HSUPA	1	15.95	16.21	16.16	17.10
	2	12.57	12.70	12.75	13.60
	3	13.79	13.71	13.81	14.60
	4	12.76	12.66	12.74	13.60
	5	16.21	16.15	16.27	17.10
DC-HSDPA	1	15.19	15.23	15.29	17.10
	2	15.35	15.38	15.33	17.10
	3	14.85	14.79	14.82	16.60
	4	14.74	14.68	14.71	16.60

WCDMA1900(ANT4 DSI 3)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	22.38	22.53	22.56	23.40
HSUPA	1	20.97	21.07	21.17	21.90
	2	17.43	17.51	17.59	18.40
	3	18.69	18.61	18.72	19.40
	4	17.64	17.57	17.62	18.40
	5	20.97	20.99	20.92	21.90
DC-HSDPA	1	20.01	20.15	20.22	21.90
	2	20.25	20.21	20.24	21.90
	3	19.64	19.63	19.67	21.40
	4	19.69	19.64	19.71	21.40

WCDMA1900(ANT4 DSI 5)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	12.57	12.68	12.82	13.60
HSUPA	1	10.79	10.83	10.86	12.10
	2	6.91	7.03	6.94	8.60
	3	8.17	8.01	8.18	9.60
	4	7.18	6.97	7.11	8.60
	5	10.94	10.76	10.83	12.10
DC-HSDPA	1	10.67	10.45	10.61	12.10
	2	10.68	10.64	10.62	12.10
	3	10.22	10.15	10.22	11.60
	4	10.41	10.10	10.17	11.60

WCDMA1900(ANT4 DSI 13)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	11.44	11.71	11.73	12.60
HSUPA	1	9.82	10.00	9.94	11.10
	2	6.29	6.49	6.35	7.60
	3	7.44	7.40	7.48	8.60
	4	6.53	6.44	6.51	7.60
	5	9.96	9.94	9.91	11.10
DC-HSDPA	1	9.12	9.05	9.11	11.10
	2	9.13	9.23	9.12	11.10
	3	8.71	8.77	8.76	10.60
	4	8.88	8.73	8.71	10.60

WCDMA1900(ANT1 DSI 1)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	23.52	23.62	23.62	24.70
HSUPA	1	22.35	22.14	22.40	23.20
	2	18.69	18.84	18.59	19.70
	3	19.74	19.77	19.79	20.70
	4	18.56	18.77	18.83	19.70
	5	22.14	22.07	22.37	23.20
DC-HSDPA	1	22.11	22.23	22.22	23.20
	2	22.24	22.26	22.26	23.20
	3	21.62	21.64	21.61	22.70
	4	21.86	21.82	21.87	22.70

WCDMA1900(ANT1 DSI 3)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	22.32	22.39	22.38	23.00
HSUPA	1	20.61	20.69	20.70	21.50
	2	16.98	17.18	17.24	18.00
	3	18.06	18.20	18.32	19.00
	4	17.10	17.17	17.18	18.00
	5	20.60	20.76	20.72	21.50
DC-HSDPA	1	20.59	20.74	20.74	21.50
	2	20.69	20.74	20.67	21.50
	3	20.16	20.22	20.18	21.00
	4	20.18	20.21	20.25	21.00

WCDMA1900(ANT1 DSI 13)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	16.32	16.34	16.25	17.00
HSUPA	1	14.57	14.67	14.68	15.50
	2	11.12	11.20	11.25	12.00
	3	12.06	12.16	12.19	13.00
	4	11.12	11.31	11.24	12.00
	5	14.66	14.69	14.73	15.50
DC-HSDPA	1	14.62	14.69	14.74	15.50
	2	14.69	14.71	14.64	15.50
	3	14.15	14.24	14.19	15.00
	4	14.16	14.22	14.28	15.00

WCDMA1700(ANT4 DSI 1)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	16.81	16.72	16.74	18.20
HSUPA	1	15.48	15.42	15.49	16.70
	2	11.83	11.97	11.96	13.20
	3	12.99	12.95	12.98	14.20
	4	12.03	11.99	11.94	13.20
	5	15.41	15.38	15.45	16.70
DC-HSDPA	1	14.72	14.88	14.81	16.70
	2	14.87	14.84	14.89	16.70
	3	14.39	14.31	14.41	16.20
	4	14.44	14.33	14.46	16.20

WCDMA1700(ANT4 DSI 3)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	20.92	20.94	20.85	22.20
HSUPA	1	19.65	19.62	19.60	20.70
	2	16.04	16.03	16.08	17.20
	3	17.01	16.98	17.07	18.20
	4	16.11	16.04	16.16	17.20
	5	19.52	19.48	19.49	20.70
DC-HSDPA	1	18.81	18.96	18.95	20.70
	2	18.99	18.92	18.98	20.70
	3	18.52	18.47	18.54	20.20
	4	18.58	18.44	18.53	20.20

WCDMA1700(ANT4 DSI 5)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	11.85	11.95	11.87	13.20
HSUPA	1	10.78	10.75	10.65	11.70
	2	6.82	6.83	6.79	8.20
	3	7.81	7.89	7.83	9.20
	4	6.72	6.74	6.76	8.20
	5	10.61	10.67	10.68	11.70
DC-HSDPA	1	10.61	10.83	10.82	11.70
	2	10.81	10.83	10.82	11.70
	3	10.28	10.30	10.36	11.20
	4	10.25	10.31	10.28	11.20

WCDMA1700(ANT4 DSI 13)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	10.78	10.78	10.78	12.20
HSUPA	1	9.26	9.16	9.13	10.70
	2	5.66	5.62	5.62	7.20
	3	6.56	6.58	6.57	8.20
	4	5.57	5.54	5.59	7.20
	5	9.11	9.08	9.15	10.70
DC-HSDPA	1	9.11	9.23	9.28	10.70
	2	9.29	9.23	9.28	10.70
	3	8.81	8.75	8.86	10.20
	4	8.78	8.76	8.79	10.20

WCDMA1700(ANT1 DSI 1)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	23.83	23.87	23.91	24.70
HSUPA	1	22.59	22.26	22.40	23.20
	2	18.72	18.77	18.71	19.70
	3	19.67	19.72	19.69	20.70
	4	18.71	18.76	18.70	19.70
	5	22.38	22.39	22.34	23.20
DC-HSDPA	1	22.27	22.22	22.42	23.20
	2	22.13	22.14	22.11	23.20
	3	21.58	21.63	21.59	22.70
	4	21.61	21.64	21.67	22.70

WCDMA1700(ANT1 DSI 3)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	23.12	23.05	23.02	23.60
HSUPA	1	21.37	21.31	21.17	22.10
	2	17.75	17.76	17.74	18.60
	3	18.73	18.67	18.68	19.60
	4	17.69	17.74	17.67	18.60
	5	21.11	21.21	21.15	22.10
DC-HSDPA	1	21.24	21.30	21.22	22.10
	2	21.22	21.29	21.24	22.10
	3	20.69	20.79	20.75	21.60
	4	20.66	20.77	20.74	21.60

WCDMA1700(ANT1 DSI 13)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	16.97	16.98	16.95	17.60
HSUPA	1	15.30	15.21	15.09	16.10
	2	11.72	11.61	11.75	12.60
	3	12.69	12.61	12.58	13.60
	4	11.55	11.69	11.71	12.60
	5	15.02	15.14	15.06	16.10
DC-HSDPA	1	15.18	15.18	15.11	16.10
	2	15.06	15.16	15.07	16.10
	3	14.59	14.69	14.68	15.60
	4	14.55	14.61	14.55	15.60

WCDMA850(ANT0 DSI 1/3)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	24.09	24.17	24.13	24.60
HSUPA	1	21.66	21.75	21.80	22.60
	2	18.04	18.25	18.29	19.10
	3	19.14	19.26	19.17	20.10
	4	18.09	18.15	18.18	19.10
	5	21.82	21.71	21.84	22.60
DC-HSDPA	1	20.82	20.83	20.86	22.60
	2	20.96	20.91	20.97	22.60
	3	20.42	20.40	20.47	22.10
	4	20.41	20.38	20.43	22.10

WCDMA850(ANT0 DSI 13)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	18.01	18.12	18.06	18.60
HSUPA	1	15.66	15.74	15.75	16.60
	2	12.11	12.32	12.21	13.10
	3	13.31	13.26	13.29	14.10
	4	12.29	12.26	12.33	13.10
	5	15.84	15.74	15.82	16.60
DC-HSDPA	1	14.76	14.82	14.85	16.60
	2	14.96	14.89	14.91	16.60
	3	14.47	14.41	14.46	16.10
	4	14.38	14.32	14.39	16.10

WCDMA850(ANT3 DSI 1)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	20.95	21.04	21.04	22.00
HSUPA	1	18.40	18.45	18.46	20.00
	2	15.16	15.04	15.15	16.50
	3	15.97	15.88	15.87	17.50
	4	15.39	15.46	15.44	16.50
	5	18.45	18.50	18.49	20.00
DC-HSDPA	1	18.48	18.44	18.46	20.00
	2	18.31	18.38	18.37	20.00
	3	18.02	18.06	18.09	19.50
	4	18.04	18.02	18.08	19.50

WCDMA850(ANT3 DSI 3)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	23.71	23.85	23.83	25.00
HSUPA	1	21.45	21.57	21.52	23.00
	2	17.98	17.92	17.95	19.50
	3	18.82	18.84	18.84	20.50
	4	18.41	18.39	18.45	19.50
	5	21.37	21.38	21.31	23.00
DC-HSDPA	1	21.84	21.94	21.91	23.00
	2	21.53	21.38	21.45	23.00
	3	20.82	20.89	20.78	22.50
	4	20.86	20.90	20.94	22.50

WCDMA850(ANT3 DSI 13)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	14.83	14.93	14.91	16.00
HSUPA	1	12.48	12.44	12.56	14.00
	2	8.96	8.88	8.94	10.50
	3	10.08	9.97	10.05	11.50
	4	9.42	9.41	9.40	10.50
	5	12.34	12.40	12.33	14.00
DC-HSDPA	1	12.87	12.89	12.89	14.00
	2	12.42	12.43	12.35	14.00
	3	12.02	11.96	11.97	13.50
	4	12.07	11.99	12.02	13.50

12.3 LTE Measurement result

Maximum Target Power for Production Unit

Band	ANT	Tune up (dBm)			
		DSI1	DSI3	DSI13	DSI5
Band 2	4	18.7	23.5	12.7	13.7
Band 2	1	24.7	23.0	17.0	/
Band 4	4	18.1	21.7	12.1	/
Band 4	1	25.2	23.7	17.7	/
Band 4	2	21.5	22.2	15.5	16.5
Band 4	8	18.9	20.5	12.9	13.9
Band 5	0	24.7	24.7	18.7	/
Band 5	3	21.7	25.0	15.7	/
Band 7	4	18.2	21.1	12.2	/
Band 7	1	22.2	22.4	16.2	/
Band 7	2	20.9	20.7	14.7	15.9
Band 7	8	17.8	19.4	11.8	/
Band 12	0	25.5	25.1	19.1	/
Band 12	3	22.9	25.0	16.9	/
Band 13	0	24.5	24.5	18.7	/
Band 13	3	24.1	24.1	19.3	/
Band 17	0	25.5	25.2	19.2	/
Band 17	3	23.0	25.1	17.0	/
Band 25	4	18.7	23.5	12.7	13.7
Band 25	1	24.5	22.8	16.8	/
Band 26	0	25.5	24.9	18.9	/
Band 26	3	21.0	25.0	15.0	/
Band 38	4	19.3	23.6	13.3	14.3
Band 38	1	24.2	23.9	17.9	/
Band 38	2	22.6	22.6	16.6	17.6
Band 38	8	20.2	20.2	14.9	/
Band 41 PC3	4	19.3	23.6	13.3	/
Band 41 PC3	1	24.2	23.9	17.9	/
Band 41 PC3	2	22.6	22.6	16.6	/
Band 41 PC3	8	20.0	20.0	14.0	/
Band 41 PC2	4	20.8	25.1	14.8	15.8

Band 41 PC2-Middle Channel	1	25.7	25.4	19.4	/
Band 41 PC2- Band edge	1	25.6	25.4	19.4	/
Band 41 PC2-Middle Channel	2	24.1	24.1	18.1	19.1
Band 41 PC2- Band edge	2	23.6	23.6	18.1	19.1
Band 41 PC2-Middle Channel	8	21.5	21.5	15.5	/
Band 41 PC2- Band edge	8	20	20	15.5	/
Band 66	4	18.3	21.9	12.3	13.3
Band 66	1	25.4	23.9	17.9	/
Band 66	2	21.7	22.4	15.7	16.7
Band 66	8	18.8	20.4	12.8	13.8

Maximum Power Reduction (MPR) for LTE

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

LTE Band2(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	17.53	17.84	17.73	17.46
		1880 (18900)	17.70	17.87	17.70	17.43
		1850.7 (18607)	17.62	17.66	17.75	17.48
	1RB-Middle (3)	1909.3 (19193)	17.51	17.88	17.86	17.59
		1880 (18900)	17.69	17.99	17.80	17.93
		1850.7 (18607)	17.59	17.69	17.97	17.70
	1RB-Low (0)	1909.3 (19193)	17.37	17.74	17.62	17.35
		1880 (18900)	17.62	17.72	17.58	17.32
		1850.7 (18607)	17.66	17.92	17.73	17.46
	3RB-High (3)	1909.3 (19193)	17.60	17.53	17.68	17.41
		1880 (18900)	17.70	17.88	17.80	17.53
		1850.7 (18607)	17.71	17.86	17.81	17.54
	3RB-Middle (1)	1909.3 (19193)	17.53	17.91	17.62	17.35
		1880 (18900)	17.77	17.98	17.79	17.52
		1850.7 (18607)	17.69	17.81	17.69	17.42
	3RB-Low (0)	1909.3 (19193)	17.45	17.67	17.58	17.32
		1880 (18900)	17.66	17.87	17.80	17.53
		1850.7 (18607)	17.64	17.80	17.72	17.45
	6RB (0)	1909.3 (19193)	17.49	17.55	17.55	17.29
		1880 (18900)	17.67	17.85	17.73	17.46
		1850.7 (18607)	17.69	17.76	17.67	17.40
3MHz	1RB-High (14)	1908.5 (19185)	17.62	17.89	17.67	17.40
		1880 (18900)	17.64	17.72	17.75	17.48
		1851.5 (18615)	17.79	17.90	17.63	17.76
	1RB-Middle (7)	1908.5 (19185)	17.63	17.74	17.61	17.34
		1880 (18900)	17.92	17.81	17.73	17.46
		1851.5 (18615)	17.71	17.75	17.68	17.81
	1RB-Low (0)	1908.5 (19185)	17.42	17.69	17.72	17.45
		1880 (18900)	17.53	17.99	17.84	17.57
		1851.5 (18615)	17.55	17.95	17.62	17.75
	8RB-High (7)	1908.5 (19185)	17.57	17.64	17.57	17.31
		1880 (18900)	17.85	17.92	17.73	17.46
		1851.5 (18615)	17.75	17.78	17.83	17.56
	8RB-Middle (4)	1908.5 (19185)	17.59	17.59	17.52	17.26
		1880 (18900)	17.83	17.85	17.77	17.50
		1851.5 (18615)	17.79	17.86	17.77	17.50
	8RB-Low (0)	1908.5 (19185)	17.58	17.67	17.64	17.37
		1880 (18900)	17.68	17.75	17.75	17.48
		1851.5 (18615)	17.77	17.81	17.76	17.49
	15RB (0)	1908.5 (19185)	17.53	17.57	17.61	17.34
		1880 (18900)	17.67	17.67	17.67	17.40
		1851.5 (18615)	17.77	17.77	17.74	17.47

5MHz	1RB-High (24)	1907.5 (19175)	17.62	17.83	17.64	17.37
		1880 (18900)	17.60	17.62	17.80	17.53
		1852.5 (18625)	17.62	17.66	17.85	17.58
	1RB-Middle (12)	1907.5 (19175)	17.83	17.95	17.79	17.52
		1880 (18900)	17.73	18.06	17.77	17.50
		1852.5 (18625)	17.76	17.95	17.79	17.92
	1RB-Low (0)	1907.5 (19175)	17.46	17.73	17.70	17.43
		1880 (18900)	17.79	17.83	17.68	17.41
		1852.5 (18625)	17.63	17.62	17.88	17.61
	12RB-High (13)	1907.5 (19175)	17.55	17.57	17.59	17.33
		1880 (18900)	17.69	17.68	17.59	17.33
		1852.5 (18625)	17.77	17.78	17.86	17.59
	12RB-Middle (6)	1907.5 (19175)	17.67	17.69	17.62	17.35
		1880 (18900)	17.71	17.68	17.77	17.50
		1852.5 (18625)	17.83	17.80	17.82	17.55
	12RB-Low (0)	1907.5 (19175)	17.54	17.64	17.65	17.38
		1880 (18900)	17.64	17.73	17.70	17.43
		1852.5 (18625)	17.79	17.74	17.74	17.47
	25RB (0)	1907.5 (19175)	17.56	17.55	17.58	17.32
		1880 (18900)	17.71	17.68	17.60	17.33
		1852.5 (18625)	17.78	17.72	17.72	17.45
10MHz	1RB-High (49)	1905 (19150)	17.67	17.89	17.84	17.57
		1880 (18900)	17.66	17.76	17.84	17.57
		1855 (18650)	17.63	17.97	17.91	17.64
	1RB-Middle (24)	1905 (19150)	17.62	17.91	17.73	17.46
		1880 (18900)	17.73	17.66	17.88	17.61
		1855 (18650)	17.73	17.67	17.77	17.50
	1RB-Low (0)	1905 (19150)	17.65	17.71	17.89	17.62
		1880 (18900)	17.64	17.76	17.85	17.58
		1855 (18650)	17.69	17.90	17.93	17.66
	25RB-High (25)	1905 (19150)	17.56	17.64	17.62	17.35
		1880 (18900)	17.63	17.74	17.71	17.44
		1855 (18650)	17.76	17.75	17.81	17.54
	25RB-Middle (12)	1905 (19150)	17.66	17.65	17.63	17.36
		1880 (18900)	17.71	17.73	17.80	17.53
		1855 (18650)	17.85	17.75	17.81	17.54
	25RB-Low (0)	1905 (19150)	17.64	17.60	17.58	17.32
		1880 (18900)	17.68	17.71	17.69	17.42
		1855 (18650)	17.74	17.82	17.77	17.50
	50RB (0)	1905 (19150)	17.61	17.61	17.60	17.33
		1880 (18900)	17.70	17.65	17.74	17.47
		1855 (18650)	17.78	17.77	17.84	17.57

15MHz	1RB-High (74)	1902.5 (19125)	17.34	17.55	17.37	17.11
		1880 (18900)	17.43	17.78	17.95	17.68
		1857.5 (18675)	17.57	17.87	17.64	17.37
	1RB-Middle (37)	1902.5 (19125)	17.40	17.64	17.71	17.44
		1880 (18900)	17.66	17.63	17.63	17.36
		1857.5 (18675)	17.51	17.74	17.54	17.28
	1RB-Low (0)	1902.5 (19125)	17.41	17.69	17.42	17.16
		1880 (18900)	17.48	17.72	17.64	17.37
		1857.5 (18675)	17.43	17.87	17.70	17.43
	36RB-High (38)	1902.5 (19125)	17.50	17.48	17.52	17.26
		1880 (18900)	17.55	17.58	17.61	17.34
		1857.5 (18675)	17.60	17.64	17.63	17.36
	36RB-Middle (19)	1902.5 (19125)	17.56	17.50	17.49	17.23
		1880 (18900)	17.56	17.54	17.63	17.36
		1857.5 (18675)	17.62	17.61	17.70	17.43
	36RB-Low (0)	1902.5 (19125)	17.58	17.57	17.63	17.36
		1880 (18900)	17.57	17.61	17.63	17.36
		1857.5 (18675)	17.58	17.67	17.66	17.39
	75RB (0)	1902.5 (19125)	17.53	17.55	17.51	17.25
		1880 (18900)	17.60	17.61	17.62	17.35
		1857.5 (18675)	17.66	17.65	17.59	17.33
20MHz	1RB-High (99)	1900 (19100)	17.28	17.94	17.78	17.51
		1880 (18900)	17.47	17.57	17.71	17.44
		1860 (18700)	17.47	17.70	17.62	17.35
	1RB-Middle (50)	1900 (19100)	17.63	17.74	17.88	17.61
		1880 (18900)	17.59	18.06	17.77	17.90
		1860 (18700)	17.50	17.72	17.64	17.37
	1RB-Low (0)	1900 (19100)	17.47	17.87	17.64	17.37
		1880 (18900)	17.41	17.69	17.93	17.66
		1860 (18700)	17.42	17.83	17.87	17.60
	50RB-High (50)	1900 (19100)	17.53	17.55	17.59	17.33
		1880 (18900)	17.62	17.51	17.68	17.41
		1860 (18700)	17.66	17.73	17.69	17.42
	50RB-Middle (25)	1900 (19100)	17.50	17.58	17.56	17.30
		1880 (18900)	17.60	17.64	17.70	17.43
		1860 (18700)	17.68	17.69	17.67	17.40
	50RB-Low (0)	1900 (19100)	17.55	17.63	17.58	17.32
		1880 (18900)	17.56	17.68	17.61	17.34
		1860 (18700)	17.57	17.52	17.54	17.28
	100RB (0)	1900 (19100)	17.50	17.56	17.64	17.37
		1880 (18900)	17.61	17.61	17.66	17.39
		1860 (18700)	17.63	17.67	17.66	17.39

LTE Band2(ANT4 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	22.36	22.56	21.32	18.60
		1880 (18900)	22.28	22.56	21.73	18.57
		1850.7 (18607)	22.44	22.59	21.59	18.62
	1RB-Middle (3)	1909.3 (19193)	22.24	22.56	21.80	18.74
		1880 (18900)	22.43	22.65	21.59	19.10
		1850.7 (18607)	22.59	22.64	21.86	18.85
	1RB-Low (0)	1909.3 (19193)	22.34	22.54	21.38	18.48
		1880 (18900)	22.28	22.56	21.67	18.45
		1850.7 (18607)	22.43	22.61	21.71	18.60
	3RB-High (3)	1909.3 (19193)	22.39	22.60	21.37	18.54
		1880 (18900)	22.38	22.53	21.64	18.67
		1850.7 (18607)	22.37	22.58	21.63	18.68
	3RB-Middle (1)	1909.3 (19193)	22.39	22.45	21.57	18.48
		1880 (18900)	22.43	22.54	21.59	18.66
		1850.7 (18607)	22.44	22.70	21.64	18.55
	3RB-Low (0)	1909.3 (19193)	22.39	22.53	21.48	18.45
		1880 (18900)	22.46	22.46	21.61	18.67
		1850.7 (18607)	22.43	22.65	21.55	18.59
	6RB (0)	1909.3 (19193)	22.24	22.03	20.91	18.42
		1880 (18900)	22.44	22.01	21.04	18.60
		1850.7 (18607)	22.42	22.02	21.11	18.53
3MHz	1RB-High (14)	1908.5 (19185)	22.16	22.74	21.53	18.53
		1880 (18900)	22.26	22.62	21.51	18.62
		1851.5 (18615)	22.38	22.80	21.64	18.92
	1RB-Middle (7)	1908.5 (19185)	22.36	22.63	21.59	18.47
		1880 (18900)	22.40	22.58	21.64	18.60
		1851.5 (18615)	22.36	22.71	21.77	18.97
	1RB-Low (0)	1908.5 (19185)	22.20	22.57	21.58	18.59
		1880 (18900)	22.18	22.61	21.53	18.71
		1851.5 (18615)	22.31	22.63	21.56	18.91
	8RB-High (7)	1908.5 (19185)	22.37	21.94	20.98	18.44
		1880 (18900)	22.43	22.12	21.09	18.60
		1851.5 (18615)	22.43	22.13	21.16	18.70
	8RB-Middle (4)	1908.5 (19185)	22.40	21.95	20.97	18.38
		1880 (18900)	22.42	22.03	21.19	18.64
		1851.5 (18615)	22.37	22.08	21.11	18.64
	8RB-Low (0)	1908.5 (19185)	22.37	21.90	20.98	18.50
		1880 (18900)	22.41	21.97	21.03	18.62
		1851.5 (18615)	22.50	22.12	21.13	18.63
	15RB (0)	1908.5 (19185)	22.23	21.89	20.92	18.47
		1880 (18900)	22.36	21.89	20.99	18.53
		1851.5 (18615)	22.42	22.07	21.07	18.61

5MHz	1RB-High (24)	1907.5 (19175)	22.36	22.58	21.40	18.50
		1880 (18900)	22.40	22.64	21.71	18.67
		1852.5 (18625)	22.44	22.72	21.56	18.72
	1RB-Middle (12)	1907.5 (19175)	22.30	22.68	21.51	18.66
		1880 (18900)	22.41	22.62	21.69	18.64
		1852.5 (18625)	22.43	22.62	21.82	19.09
	1RB-Low (0)	1907.5 (19175)	22.29	22.61	21.53	18.57
		1880 (18900)	22.28	22.60	21.60	18.54
		1852.5 (18625)	22.50	22.80	21.54	18.76
	12RB-High (13)	1907.5 (19175)	22.34	21.97	21.01	18.46
		1880 (18900)	22.42	21.99	21.06	18.46
		1852.5 (18625)	22.46	22.08	21.12	18.74
	12RB-Middle (6)	1907.5 (19175)	22.38	21.96	21.06	18.48
		1880 (18900)	22.50	22.05	21.15	18.64
		1852.5 (18625)	22.50	22.02	21.17	18.69
	12RB-Low (0)	1907.5 (19175)	22.38	21.88	20.99	18.51
		1880 (18900)	22.35	21.97	20.93	18.57
		1852.5 (18625)	22.48	22.08	21.17	18.61
	25RB (0)	1907.5 (19175)	22.37	21.85	20.91	18.45
		1880 (18900)	22.43	21.86	21.06	18.46
		1852.5 (18625)	22.45	22.01	21.10	18.59
10MHz	1RB-High (49)	1905 (19150)	22.45	22.61	21.24	18.71
		1880 (18900)	22.34	22.60	21.30	18.71
		1855 (18650)	22.47	22.57	21.21	18.79
	1RB-Middle (24)	1905 (19150)	22.30	22.53	21.30	18.60
		1880 (18900)	22.34	22.69	21.08	18.76
		1855 (18650)	22.41	22.74	21.23	18.64
	1RB-Low (0)	1905 (19150)	22.46	22.56	21.15	18.77
		1880 (18900)	22.36	22.71	21.14	18.72
		1855 (18650)	22.44	22.78	21.37	18.81
	25RB-High (25)	1905 (19150)	22.36	21.88	20.08	18.48
		1880 (18900)	22.45	22.00	20.15	18.58
		1855 (18650)	22.50	22.07	20.12	18.68
	25RB-Middle (12)	1905 (19150)	22.43	21.97	20.09	18.49
		1880 (18900)	22.42	22.00	20.05	18.67
		1855 (18650)	22.55	21.99	20.17	18.68
	25RB-Low (0)	1905 (19150)	22.41	21.94	20.08	18.45
		1880 (18900)	22.32	21.88	20.14	18.55
		1855 (18650)	22.48	22.04	20.09	18.64
	50RB (0)	1905 (19150)	22.38	21.94	20.01	18.46
		1880 (18900)	22.29	21.86	20.07	18.61
		1855 (18650)	22.50	22.02	20.16	18.71

15MHz	1RB-High (74)	1902.5 (19125)	22.13	22.45	21.33	18.22
		1880 (18900)	22.11	22.56	21.48	18.83
		1857.5 (18675)	22.37	22.59	21.47	18.50
	1RB-Middle (37)	1902.5 (19125)	22.24	22.32	21.37	18.58
		1880 (18900)	22.25	22.47	21.55	18.49
		1857.5 (18675)	22.16	22.68	21.53	18.41
	1RB-Low (0)	1902.5 (19125)	22.19	22.53	21.46	18.28
		1880 (18900)	22.20	22.61	21.30	18.50
		1857.5 (18675)	22.23	22.68	21.65	18.57
	36RB-High (38)	1902.5 (19125)	22.28	21.79	20.80	18.38
		1880 (18900)	22.33	21.76	20.96	18.47
		1857.5 (18675)	22.35	21.84	20.91	18.49
	36RB-Middle (19)	1902.5 (19125)	22.30	21.77	20.88	18.35
		1880 (18900)	22.30	21.74	20.84	18.49
		1857.5 (18675)	22.34	21.85	20.94	18.57
	36RB-Low (0)	1902.5 (19125)	22.21	21.76	20.71	18.49
		1880 (18900)	22.34	21.77	20.86	18.49
		1857.5 (18675)	22.39	21.81	20.94	18.52
	75RB (0)	1902.5 (19125)	22.16	21.75	20.80	18.37
		1880 (18900)	22.34	21.74	20.85	18.48
		1857.5 (18675)	22.32	21.86	21.01	18.46
20MHz	1RB-High (99)	1900 (19100)	22.11	22.27	21.41	18.65
		1880 (18900)	22.15	22.40	21.33	18.58
		1860 (18700)	22.17	22.54	21.50	18.48
	1RB-Middle (50)	1900 (19100)	22.24	22.39	22.00	18.76
		1880 (18900)	22.18	22.78	21.47	19.07
		1860 (18700)	22.18	22.78	21.43	18.50
	1RB-Low (0)	1900 (19100)	22.04	22.60	21.45	18.50
		1880 (18900)	22.15	22.45	21.61	18.81
		1860 (18700)	22.41	22.50	21.45	18.75
	50RB-High (50)	1900 (19100)	22.25	21.78	20.88	18.46
		1880 (18900)	22.32	21.87	20.97	18.54
		1860 (18700)	22.35	21.82	20.92	18.55
	50RB-Middle (25)	1900 (19100)	22.18	21.68	20.78	18.43
		1880 (18900)	22.25	21.74	20.82	18.57
		1860 (18700)	22.38	21.85	20.94	18.53
	50RB-Low (0)	1900 (19100)	22.25	21.71	20.82	18.45
		1880 (18900)	22.32	21.79	20.94	18.47
		1860 (18700)	22.30	21.80	20.80	18.41
	100RB (0)	1900 (19100)	22.28	21.71	20.76	18.50
		1880 (18900)	22.29	21.82	20.90	18.52
		1860 (18700)	22.43	21.91	21.00	18.52

LTE Band2(ANT4 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	12.99	13.05	12.63	12.56
		1880 (18900)	13.16	13.02	12.93	12.86
		1850.7 (18607)	13.08	13.03	12.90	12.83
	1RB-Middle (3)	1909.3 (19193)	13.08	12.84	12.67	12.60
		1880 (18900)	13.14	13.05	13.08	13.01
		1850.7 (18607)	13.21	13.03	13.06	12.99
	1RB-Low (0)	1909.3 (19193)	12.90	13.01	12.74	12.67
		1880 (18900)	13.19	12.85	12.83	12.76
		1850.7 (18607)	13.12	13.01	12.93	12.86
	3RB-High (3)	1909.3 (19193)	13.01	12.69	12.72	12.65
		1880 (18900)	13.15	12.93	12.88	12.81
		1850.7 (18607)	13.16	12.99	12.90	12.83
	3RB-Middle (1)	1909.3 (19193)	12.90	12.81	12.75	12.68
		1880 (18900)	13.14	13.02	12.94	12.87
		1850.7 (18607)	13.17	12.99	12.79	12.72
	3RB-Low (0)	1909.3 (19193)	13.02	12.86	12.67	12.60
		1880 (18900)	13.21	12.99	12.87	12.80
		1850.7 (18607)	13.16	12.95	12.92	12.85
	6RB (0)	1909.3 (19193)	12.91	12.67	12.75	12.68
		1880 (18900)	13.19	12.95	12.91	12.84
		1850.7 (18607)	13.22	12.93	12.88	12.81
3MHz	1RB-High (14)	1908.5 (19185)	12.95	12.91	12.70	12.63
		1880 (18900)	13.10	12.83	12.88	12.81
		1851.5 (18615)	13.06	12.77	13.05	12.98
	1RB-Middle (7)	1908.5 (19185)	12.99	12.89	12.74	12.67
		1880 (18900)	13.21	12.94	13.04	12.97
		1851.5 (18615)	13.28	12.99	13.07	13.00
	1RB-Low (0)	1908.5 (19185)	12.94	12.96	12.69	12.62
		1880 (18900)	13.08	12.91	12.89	12.82
		1851.5 (18615)	13.09	12.83	12.97	12.91
	8RB-High (7)	1908.5 (19185)	12.97	12.84	12.78	12.71
		1880 (18900)	13.24	12.93	12.94	12.87
		1851.5 (18615)	13.20	12.92	12.87	12.80
	8RB-Middle (4)	1908.5 (19185)	13.00	12.83	12.68	12.61
		1880 (18900)	13.27	13.06	13.02	12.95
		1851.5 (18615)	13.20	13.07	12.87	12.80
	8RB-Low (0)	1908.5 (19185)	12.94	12.88	12.71	12.64
		1880 (18900)	13.12	12.85	12.75	12.68
		1851.5 (18615)	13.11	12.93	12.94	12.87
	15RB (0)	1908.5 (19185)	13.00	12.69	12.68	12.61
		1880 (18900)	13.14	12.77	12.72	12.65
		1851.5 (18615)	13.17	12.86	12.82	12.75

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	1907.5 (19175)	12.89	13.03	12.84	12.77
		1880 (18900)	13.08	12.84	12.99	12.92
		1852.5 (18625)	13.15	13.06	13.03	12.96
	1RB-Middle (12)	1907.5 (19175)	13.02	12.80	12.84	12.77
		1880 (18900)	13.16	13.08	12.93	12.86
		1852.5 (18625)	13.19	12.98	13.07	13.00
	1RB-Low (0)	1907.5 (19175)	12.96	12.81	12.70	12.63
		1880 (18900)	13.07	13.01	12.92	12.85
		1852.5 (18625)	13.16	12.84	12.90	12.83
	12RB-High (13)	1907.5 (19175)	12.97	12.67	12.70	12.63
		1880 (18900)	13.07	12.78	12.75	12.68
		1852.5 (18625)	13.16	12.86	12.87	12.80
	12RB-Middle (6)	1907.5 (19175)	13.02	12.75	12.72	12.65
		1880 (18900)	13.16	12.78	12.87	12.80
		1852.5 (18625)	13.24	12.90	12.91	12.84
	12RB-Low (0)	1907.5 (19175)	12.98	12.69	12.70	12.63
		1880 (18900)	13.08	12.89	12.79	12.72
		1852.5 (18625)	13.27	12.83	12.85	12.79
	25RB (0)	1907.5 (19175)	13.02	12.73	12.74	12.67
		1880 (18900)	13.05	12.83	12.83	12.76
		1852.5 (18625)	13.20	12.91	12.90	12.83
10MHz	1RB-High (49)	1905 (19150)	12.94	12.99	12.82	12.75
		1880 (18900)	13.17	12.91	12.94	12.87
		1855 (18650)	13.14	12.77	12.90	12.83
	1RB-Middle (24)	1905 (19150)	12.96	13.03	12.72	12.65
		1880 (18900)	13.24	12.80	13.00	12.93
		1855 (18650)	13.11	12.79	13.08	13.01
	1RB-Low (0)	1905 (19150)	13.04	13.04	12.91	12.84
		1880 (18900)	13.11	13.02	12.88	12.81
		1855 (18650)	13.04	13.03	13.00	12.93
	25RB-High (25)	1905 (19150)	13.04	12.66	12.67	12.60
		1880 (18900)	13.10	12.73	12.83	12.76
		1855 (18650)	13.21	12.90	12.90	12.83
	25RB-Middle (12)	1905 (19150)	13.10	12.77	12.76	12.69
		1880 (18900)	13.14	12.81	12.84	12.77
		1855 (18650)	13.19	12.95	12.92	12.85
	25RB-Low (0)	1905 (19150)	13.08	12.79	12.81	12.74
		1880 (18900)	13.11	12.79	12.74	12.67
		1855 (18650)	13.20	12.78	12.87	12.80
	50RB (0)	1905 (19150)	13.00	12.67	12.67	12.60
		1880 (18900)	13.12	12.79	12.72	12.65
		1855 (18650)	13.21	12.86	12.87	12.80

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
15MHz	1RB-High (74)	1902.5 (19125)	12.70	12.79	12.37	12.30
		1880 (18900)	12.76	12.81	12.71	12.64
		1857.5 (18675)	13.00	12.84	12.72	12.65
	1RB-Middle (37)	1902.5 (19125)	12.78	12.76	12.72	12.65
		1880 (18900)	13.01	13.04	12.83	12.76
		1857.5 (18675)	12.92	12.92	12.63	12.56
	1RB-Low (0)	1902.5 (19125)	12.75	13.08	12.64	12.57
		1880 (18900)	12.91	12.96	12.89	12.82
		1857.5 (18675)	12.84	12.83	12.82	12.75
	36RB-High (38)	1902.5 (19125)	12.91	12.58	12.63	12.56
		1880 (18900)	12.98	12.76	12.65	12.58
		1857.5 (18675)	13.02	12.73	12.74	12.67
	36RB-Middle (19)	1902.5 (19125)	12.88	12.58	12.69	12.62
		1880 (18900)	12.97	12.69	12.69	12.62
		1857.5 (18675)	13.07	12.78	12.66	12.59
	36RB-Low (0)	1902.5 (19125)	13.01	12.72	12.63	12.56
		1880 (18900)	12.97	12.66	12.69	12.62
		1857.5 (18675)	13.08	12.78	12.79	12.72
	75RB (0)	1902.5 (19125)	12.86	12.66	12.58	12.51
		1880 (18900)	13.05	12.66	12.58	12.51
		1857.5 (18675)	13.09	12.75	12.80	12.73
20MHz	1RB-High (99)	1900 (19100)	12.58	12.68	12.54	12.47
		1880 (18900)	12.74	13.09	12.73	12.82
		1860 (18700)	12.73	12.89	12.78	12.51
	1RB-Middle (50)	1900 (19100)	12.55	12.96	12.77	12.61
		1880 (18900)	12.69	13.02	12.92	12.72
		1860 (18700)	12.75	13.09	12.99	12.63
	1RB-Low (0)	1900 (19100)	12.64	13.07	12.76	12.65
		1880 (18900)	12.77	12.94	12.91	12.77
		1860 (18700)	12.64	12.94	12.88	12.82
	50RB-High (50)	1900 (19100)	12.69	12.82	12.69	12.57
		1880 (18900)	12.77	12.79	12.76	12.54
		1860 (18700)	12.82	12.88	12.90	12.68
	50RB-Middle (25)	1900 (19100)	12.67	12.68	12.76	12.60
		1880 (18900)	12.71	12.80	12.79	12.68
		1860 (18700)	12.83	12.85	12.84	12.74
	50RB-Low (0)	1900 (19100)	12.73	12.83	12.80	12.62
		1880 (18900)	12.80	12.79	12.69	12.56
		1860 (18700)	12.70	12.69	12.76	12.63
	100RB (0)	1900 (19100)	12.72	12.70	12.70	12.56
		1880 (18900)	12.78	12.77	12.68	12.55
		1860 (18700)	12.82	12.84	12.83	12.73

LTE Band2(ANT4 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	11.69	12.02	11.63	11.54
		1880 (18900)	11.84	11.99	11.91	11.82
		1850.7 (18607)	11.77	12.00	11.88	11.79
	1RB-Middle (3)	1909.3 (19193)	11.77	11.83	11.67	11.58
		1880 (18900)	11.82	12.02	12.05	11.96
		1850.7 (18607)	11.89	12.00	12.03	11.94
	1RB-Low (0)	1909.3 (19193)	11.61	11.98	11.73	11.64
		1880 (18900)	11.87	11.84	11.82	11.73
		1850.7 (18607)	11.81	11.98	11.91	11.82
	3RB-High (3)	1909.3 (19193)	11.71	11.69	11.72	11.63
		1880 (18900)	11.83	11.91	11.86	11.77
		1850.7 (18607)	11.84	11.97	11.88	11.79
	3RB-Middle (1)	1909.3 (19193)	11.61	11.80	11.74	11.65
		1880 (18900)	11.82	11.99	11.92	11.83
		1850.7 (18607)	11.85	11.97	11.78	11.69
	3RB-Low (0)	1909.3 (19193)	11.72	11.85	11.67	11.58
		1880 (18900)	11.89	11.97	11.85	11.76
		1850.7 (18607)	11.84	11.93	11.90	11.81
	6RB (0)	1909.3 (19193)	11.62	11.67	11.74	11.65
		1880 (18900)	11.87	11.93	11.89	11.80
		1850.7 (18607)	11.90	11.91	11.86	11.77
3MHz	1RB-High (14)	1908.5 (19185)	11.65	11.89	11.70	11.61
		1880 (18900)	11.79	11.82	11.86	11.77
		1851.5 (18615)	11.75	11.76	12.02	11.93
	1RB-Middle (7)	1908.5 (19185)	11.69	11.87	11.73	11.64
		1880 (18900)	11.89	11.92	12.01	11.92
		1851.5 (18615)	11.95	11.97	12.04	11.95
	1RB-Low (0)	1908.5 (19185)	11.64	11.94	11.69	11.60
		1880 (18900)	11.77	11.89	11.87	11.78
		1851.5 (18615)	11.78	11.82	11.95	11.86
	8RB-High (7)	1908.5 (19185)	11.67	11.83	11.77	11.68
		1880 (18900)	11.91	11.91	11.92	11.83
		1851.5 (18615)	11.88	11.90	11.85	11.76
	8RB-Middle (4)	1908.5 (19185)	11.70	11.82	11.68	11.59
		1880 (18900)	11.94	12.03	11.99	11.90
		1851.5 (18615)	11.88	12.04	11.85	11.76
	8RB-Low (0)	1908.5 (19185)	11.64	11.86	11.71	11.62
		1880 (18900)	11.81	11.84	11.74	11.65
		1851.5 (18615)	11.80	11.91	11.92	11.83
	15RB (0)	1908.5 (19185)	11.70	11.69	11.68	11.59
		1880 (18900)	11.82	11.76	11.72	11.63
		1851.5 (18615)	11.85	11.85	11.81	11.72

5MHz	1RB-High (24)	1907.5 (19175)	11.60	12.00	11.83	11.74
		1880 (18900)	11.77	11.83	11.96	11.87
		1852.5 (18625)	11.83	12.03	12.00	11.91
	1RB-Middle (12)	1907.5 (19175)	11.72	11.79	11.83	11.74
		1880 (18900)	11.84	12.05	11.91	11.82
		1852.5 (18625)	11.87	11.96	12.04	11.95
	1RB-Low (0)	1907.5 (19175)	11.66	11.80	11.70	11.61
		1880 (18900)	11.76	11.98	11.90	11.81
		1852.5 (18625)	11.84	11.83	11.88	11.79
	12RB-High (13)	1907.5 (19175)	11.67	11.67	11.70	11.61
		1880 (18900)	11.76	11.77	11.74	11.65
		1852.5 (18625)	11.84	11.85	11.85	11.76
	12RB-Middle (6)	1907.5 (19175)	11.72	11.74	11.72	11.63
		1880 (18900)	11.84	11.77	11.85	11.76
		1852.5 (18625)	11.91	11.88	11.89	11.80
	12RB-Low (0)	1907.5 (19175)	11.68	11.69	11.70	11.61
		1880 (18900)	11.77	11.87	11.78	11.69
		1852.5 (18625)	11.94	11.82	11.84	11.75
	25RB (0)	1907.5 (19175)	11.72	11.73	11.73	11.64
		1880 (18900)	11.74	11.82	11.82	11.73
		1852.5 (18625)	11.88	11.89	11.88	11.79
10MHz	1RB-High (49)	1905 (19150)	11.64	11.97	11.81	11.72
		1880 (18900)	11.85	11.89	11.92	11.83
		1855 (18650)	11.82	11.76	11.88	11.79
	1RB-Middle (24)	1905 (19150)	11.66	12.00	11.72	11.63
		1880 (18900)	11.91	11.79	11.97	11.88
		1855 (18650)	11.80	11.78	12.05	11.96
	1RB-Low (0)	1905 (19150)	11.73	12.01	11.89	11.80
		1880 (18900)	11.80	11.99	11.86	11.77
		1855 (18650)	11.73	12.00	11.97	11.88
	25RB-High (25)	1905 (19150)	11.73	11.66	11.67	11.58
		1880 (18900)	11.79	11.73	11.82	11.73
		1855 (18650)	11.89	11.88	11.88	11.79
	25RB-Middle (12)	1905 (19150)	11.79	11.76	11.75	11.66
		1880 (18900)	11.82	11.80	11.83	11.74
		1855 (18650)	11.87	11.93	11.90	11.81
	25RB-Low (0)	1905 (19150)	11.77	11.78	11.80	11.71
		1880 (18900)	11.80	11.78	11.73	11.64
		1855 (18650)	11.88	11.77	11.85	11.76
	50RB (0)	1905 (19150)	11.70	11.67	11.67	11.58
		1880 (18900)	11.81	11.78	11.72	11.63
		1855 (18650)	11.89	11.85	11.85	11.76

15MHz	1RB-High (74)	1902.5 (19125)	11.43	11.78	11.39	11.30
		1880 (18900)	11.48	11.80	11.71	11.62
		1857.5 (18675)	11.70	11.83	11.72	11.63
	1RB-Middle (37)	1902.5 (19125)	11.50	11.75	11.72	11.63
		1880 (18900)	11.71	12.01	11.82	11.73
		1857.5 (18675)	11.63	11.90	11.63	11.54
	1RB-Low (0)	1902.5 (19125)	11.47	12.05	11.64	11.55
		1880 (18900)	11.62	11.94	11.87	11.78
		1857.5 (18675)	11.55	11.82	11.81	11.72
	36RB-High (38)	1902.5 (19125)	11.62	11.59	11.63	11.54
		1880 (18900)	11.68	11.75	11.65	11.56
		1857.5 (18675)	11.72	11.73	11.73	11.64
	36RB-Middle (19)	1902.5 (19125)	11.59	11.59	11.69	11.60
		1880 (18900)	11.67	11.69	11.69	11.60
		1857.5 (18675)	11.76	11.77	11.66	11.57
	36RB-Low (0)	1902.5 (19125)	11.71	11.72	11.63	11.54
		1880 (18900)	11.67	11.66	11.69	11.60
		1857.5 (18675)	11.77	11.77	11.78	11.69
	75RB (0)	1902.5 (19125)	11.57	11.66	11.59	11.50
		1880 (18900)	11.74	11.66	11.59	11.50
		1857.5 (18675)	11.78	11.74	11.79	11.70
20MHz	1RB-High (99)	1900 (19100)	11.32	11.68	11.55	11.46
		1880 (18900)	11.57	11.71	11.87	11.78
		1860 (18700)	11.54	12.05	11.59	11.50
	1RB-Middle (50)	1900 (19100)	11.56	11.79	11.68	11.59
		1880 (18900)	11.60	11.87	11.78	11.69
		1860 (18700)	11.67	12.03	11.70	11.61
	1RB-Low (0)	1900 (19100)	11.58	12.01	11.72	11.63
		1880 (18900)	11.63	11.77	11.83	11.74
		1860 (18700)	11.61	11.94	11.87	11.78
	50RB-High (50)	1900 (19100)	11.62	11.58	11.64	11.55
		1880 (18900)	11.68	11.69	11.61	11.52
		1860 (18700)	11.77	11.76	11.74	11.65
	50RB-Middle (25)	1900 (19100)	11.67	11.63	11.67	11.58
		1880 (18900)	11.75	11.64	11.74	11.65
		1860 (18700)	11.76	11.81	11.80	11.71
	50RB-Low (0)	1900 (19100)	11.68	11.72	11.69	11.60
		1880 (18900)	11.63	11.71	11.63	11.54
		1860 (18700)	11.65	11.71	11.70	11.61
	100RB (0)	1900 (19100)	11.65	11.69	11.63	11.54
		1880 (18900)	11.62	11.69	11.62	11.53
		1860 (18700)	11.75	11.79	11.79	11.70

LTE Band2(ANT1 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	23.27	22.78	21.75	18.82
		1880 (18900)	23.38	23.11	21.62	18.58
		1850.7 (18607)	23.51	23.11	21.80	19.10
	1RB-Middle (3)	1909.3 (19193)	23.29	22.92	21.62	19.04
		1880 (18900)	23.47	22.90	21.52	18.89
		1850.7 (18607)	23.49	22.79	21.97	19.08
	1RB-Low (0)	1909.3 (19193)	23.33	22.79	21.78	18.77
		1880 (18900)	23.32	22.81	21.56	19.04
		1850.7 (18607)	23.49	22.89	21.64	19.01
	3RB-High (3)	1909.3 (19193)	23.30	22.56	21.51	18.77
		1880 (18900)	23.43	22.61	21.59	18.80
		1850.7 (18607)	23.47	22.67	21.63	19.02
	3RB-Middle (1)	1909.3 (19193)	23.39	22.51	21.55	18.55
		1880 (18900)	23.41	22.66	21.58	18.92
		1850.7 (18607)	23.65	22.57	21.56	18.95
	3RB-Low (0)	1909.3 (19193)	23.50	22.54	21.55	18.59
		1880 (18900)	23.42	22.71	21.59	18.84
		1850.7 (18607)	23.52	22.63	21.58	18.82
	6RB (0)	1909.3 (19193)	22.43	21.65	20.58	18.65
		1880 (18900)	22.58	21.63	20.51	18.74
		1850.7 (18607)	22.50	21.74	20.59	18.84
3MHz	1RB-High (14)	1908.5 (19185)	23.45	23.08	21.73	18.68
		1880 (18900)	23.52	23.08	21.70	18.97
		1851.5 (18615)	23.58	22.94	21.44	19.00
	1RB-Middle (7)	1908.5 (19185)	23.51	22.98	21.76	18.99
		1880 (18900)	23.60	23.04	22.03	19.04
		1851.5 (18615)	23.58	23.04	21.73	19.02
	1RB-Low (0)	1908.5 (19185)	23.58	22.61	21.65	18.86
		1880 (18900)	23.51	22.71	21.69	19.01
		1851.5 (18615)	23.44	22.82	21.76	18.93
	8RB-High (7)	1908.5 (19185)	22.64	21.73	20.67	18.67
		1880 (18900)	22.63	21.79	20.69	18.79
		1851.5 (18615)	22.61	21.58	20.73	18.77
	8RB-Middle (4)	1908.5 (19185)	22.67	21.67	20.73	18.56
		1880 (18900)	22.72	21.79	20.72	18.89
		1851.5 (18615)	22.68	21.75	20.71	18.86
	8RB-Low (0)	1908.5 (19185)	22.69	21.72	20.65	18.60
		1880 (18900)	22.58	21.67	20.63	18.64
		1851.5 (18615)	22.78	21.76	20.66	18.87
	15RB (0)	1908.5 (19185)	22.56	21.67	20.60	18.60
		1880 (18900)	22.60	21.63	20.66	18.68
		1851.5 (18615)	22.62	21.73	20.70	18.81

5MHz	1RB-High (24)	1907.5 (19175)	23.47	22.74	21.63	18.62
		1880 (18900)	23.56	22.88	21.66	18.88
		1852.5 (18625)	23.44	22.93	21.67	18.92
	1RB-Middle (12)	1907.5 (19175)	23.55	23.03	21.71	18.77
		1880 (18900)	23.55	23.08	21.63	19.00
		1852.5 (18625)	23.60	23.02	21.95	19.02
	1RB-Low (0)	1907.5 (19175)	23.44	22.77	21.84	18.85
		1880 (18900)	23.40	22.78	21.65	18.95
		1852.5 (18625)	23.39	23.05	21.82	19.02
	12RB-High (13)	1907.5 (19175)	22.53	21.73	20.60	18.57
		1880 (18900)	22.59	21.76	20.73	18.72
		1852.5 (18625)	22.66	21.63	20.75	18.80
	12RB-Middle (6)	1907.5 (19175)	22.54	21.73	20.65	18.64
		1880 (18900)	22.49	21.65	20.67	18.77
		1852.5 (18625)	22.60	21.71	20.69	18.91
	12RB-Low (0)	1907.5 (19175)	22.53	21.69	20.64	18.62
		1880 (18900)	22.49	21.70	20.63	18.68
		1852.5 (18625)	22.64	21.67	20.65	18.80
	25RB (0)	1907.5 (19175)	22.52	21.65	20.63	18.56
		1880 (18900)	22.66	21.61	20.58	18.52
		1852.5 (18625)	22.68	21.70	20.67	18.84
10MHz	1RB-High (49)	1905 (19150)	23.51	22.75	21.84	19.10
		1880 (18900)	23.61	22.96	21.96	18.93
		1855 (18650)	23.51	23.14	22.12	18.85
	1RB-Middle (24)	1905 (19150)	23.54	23.02	21.88	18.97
		1880 (18900)	23.55	22.85	21.88	18.82
		1855 (18650)	23.56	22.97	21.72	18.87
	1RB-Low (0)	1905 (19150)	23.52	23.15	21.69	18.93
		1880 (18900)	23.45	23.03	21.75	18.88
		1855 (18650)	23.61	22.86	21.64	18.93
	25RB-High (25)	1905 (19150)	22.59	21.66	20.62	18.60
		1880 (18900)	22.66	21.73	20.67	18.71
		1855 (18650)	22.69	21.70	20.68	18.78
	25RB-Middle (12)	1905 (19150)	22.68	21.71	20.67	18.64
		1880 (18900)	22.63	21.64	20.60	18.62
		1855 (18650)	22.76	21.70	20.70	18.87
	25RB-Low (0)	1905 (19150)	22.66	21.70	20.69	18.72
		1880 (18900)	22.54	21.66	20.63	18.59
		1855 (18650)	22.73	21.68	20.71	18.79
	50RB (0)	1905 (19150)	22.69	21.63	20.66	18.67
		1880 (18900)	22.63	21.60	20.60	18.67
		1855 (18650)	22.68	21.68	20.69	18.73

15MHz	1RB-High (74)	1902.5 (19125)	23.33	22.64	21.50	18.79	
		1880 (18900)	23.57	22.69	21.32	18.82	
		1857.5 (18675)	23.40	22.78	21.40	19.07	
	1RB-Middle (37)	1902.5 (19125)	23.35	22.42	21.53	18.70	
		1880 (18900)	23.38	22.82	21.44	18.52	
		1857.5 (18675)	23.40	22.71	21.64	18.87	
	1RB-Low (0)	1902.5 (19125)	23.34	22.78	21.63	18.57	
		1880 (18900)	23.35	22.39	21.60	18.87	
		1857.5 (18675)	23.32	22.77	21.60	18.82	
	36RB-High (38)	1902.5 (19125)	22.47	21.52	20.54	18.53	
		1880 (18900)	22.52	21.47	20.52	18.51	
		1857.5 (18675)	22.53	21.52	20.52	18.59	
	36RB-Middle (19)	1902.5 (19125)	22.45	21.56	20.44	18.46	
		1880 (18900)	22.41	21.47	20.48	18.43	
		1857.5 (18675)	22.55	21.51	20.55	18.67	
	36RB-Low (0)	1902.5 (19125)	22.53	21.49	20.58	18.35	
		1880 (18900)	22.43	21.50	20.46	18.46	
		1857.5 (18675)	22.58	21.61	20.58	18.53	
	75RB (0)	1902.5 (19125)	22.53	21.55	20.52	18.42	
		1880 (18900)	22.45	21.53	20.46	18.42	
		1857.5 (18675)	22.52	21.56	20.50	18.60	
	20MHz	1RB-High (99)	1900 (19100)	23.44	22.58	21.55	18.33
			1880 (18900)	23.52	22.53	21.75	18.81
			1860 (18700)	23.46	22.42	21.71	18.63
		1RB-Middle (50)	1900 (19100)	23.47	22.53	22.20	18.84
			1880 (18900)	23.41	22.78	21.74	18.91
			1860 (18700)	23.37	22.91	21.59	18.73
1RB-Low (0)		1900 (19100)	23.27	22.63	21.46	18.71	
		1880 (18900)	23.41	23.09	21.53	18.65	
		1860 (18700)	23.43	22.64	21.70	18.66	
50RB-High (50)		1900 (19100)	22.50	21.55	20.57	18.53	
		1880 (18900)	22.47	21.60	20.54	18.51	
		1860 (18700)	22.53	21.51	20.63	18.64	
50RB-Middle (25)		1900 (19100)	22.55	21.53	20.48	18.35	
		1880 (18900)	22.46	21.54	20.50	18.51	
		1860 (18700)	22.53	21.52	20.61	18.72	
50RB-Low (0)		1900 (19100)	22.37	21.47	20.41	18.42	
		1880 (18900)	22.38	21.56	20.52	18.45	
		1860 (18700)	22.50	21.42	20.46	18.63	
100RB (0)		1900 (19100)	22.46	21.39	20.44	18.39	
		1880 (18900)	22.49	21.41	20.39	18.46	
		1860 (18700)	22.44	21.52	20.51	18.67	

LTE Band2(ANT1 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	21.95	22.07	20.94	18.77
		1880 (18900)	21.99	22.25	21.00	18.53
		1850.7 (18607)	22.08	22.36	20.99	19.05
	1RB-Middle (3)	1909.3 (19193)	21.89	22.46	21.04	18.99
		1880 (18900)	22.10	22.24	21.43	18.84
		1850.7 (18607)	22.06	22.43	21.02	19.03
	1RB-Low (0)	1909.3 (19193)	21.95	22.25	21.02	18.72
		1880 (18900)	22.29	22.27	21.01	18.99
		1850.7 (18607)	22.02	22.22	21.01	18.96
	3RB-High (3)	1909.3 (19193)	21.93	22.01	21.01	18.72
		1880 (18900)	22.02	22.14	20.97	18.75
		1850.7 (18607)	22.28	22.11	20.94	18.97
	3RB-Middle (1)	1909.3 (19193)	22.14	22.01	21.01	18.50
		1880 (18900)	22.03	22.09	20.97	18.87
		1850.7 (18607)	22.27	22.14	20.99	18.90
	3RB-Low (0)	1909.3 (19193)	22.11	21.87	21.11	18.54
		1880 (18900)	22.03	22.00	20.99	18.79
		1850.7 (18607)	22.23	22.07	21.00	18.77
	6RB (0)	1909.3 (19193)	21.97	21.67	20.63	18.60
		1880 (18900)	22.10	21.74	20.66	18.69
		1850.7 (18607)	22.20	21.71	20.68	18.79
3MHz	1RB-High (14)	1908.5 (19185)	22.00	22.06	20.90	18.63
		1880 (18900)	22.00	22.13	20.95	18.92
		1851.5 (18615)	22.06	22.31	20.79	18.95
	1RB-Middle (7)	1908.5 (19185)	22.00	22.11	21.04	18.94
		1880 (18900)	22.13	22.16	21.33	18.99
		1851.5 (18615)	22.21	22.20	20.97	18.97
	1RB-Low (0)	1908.5 (19185)	21.92	22.21	20.97	18.81
		1880 (18900)	21.95	22.37	20.92	18.96
		1851.5 (18615)	22.09	22.34	21.10	18.88
	8RB-High (7)	1908.5 (19185)	22.07	21.61	20.75	18.62
		1880 (18900)	22.18	21.77	20.73	18.74
		1851.5 (18615)	22.14	21.80	20.75	18.72
	8RB-Middle (4)	1908.5 (19185)	22.08	21.66	20.65	18.51
		1880 (18900)	22.13	21.80	20.73	18.84
		1851.5 (18615)	22.14	21.84	20.76	18.81
	8RB-Low (0)	1908.5 (19185)	22.06	21.70	20.68	18.55
		1880 (18900)	22.11	21.69	20.65	18.59
		1851.5 (18615)	22.20	21.73	20.65	18.82
	15RB (0)	1908.5 (19185)	22.14	21.64	20.70	18.55
		1880 (18900)	22.12	21.67	20.59	18.63
		1851.5 (18615)	22.19	21.76	20.73	18.76

5MHz	1RB-High (24)	1907.5 (19175)	21.98	22.30	20.99	18.57
		1880 (18900)	22.01	22.15	21.00	18.83
		1852.5 (18625)	22.11	22.19	20.97	18.87
	1RB-Middle (12)	1907.5 (19175)	22.07	22.16	21.27	18.72
		1880 (18900)	22.04	22.47	21.04	18.95
		1852.5 (18625)	22.21	22.31	21.38	18.97
	1RB-Low (0)	1907.5 (19175)	21.99	22.19	21.05	18.80
		1880 (18900)	21.98	22.22	20.93	18.90
		1852.5 (18625)	22.19	22.29	20.99	18.97
	12RB-High (13)	1907.5 (19175)	22.02	21.77	20.68	18.52
		1880 (18900)	22.12	21.73	20.74	18.67
		1852.5 (18625)	22.19	21.71	20.67	18.75
	12RB-Middle (6)	1907.5 (19175)	22.13	21.72	20.73	18.59
		1880 (18900)	22.20	21.69	20.73	18.72
		1852.5 (18625)	22.29	21.70	20.71	18.85
	12RB-Low (0)	1907.5 (19175)	21.99	21.70	20.71	18.57
		1880 (18900)	22.09	21.56	20.56	18.63
		1852.5 (18625)	22.17	21.77	20.69	18.75
	25RB (0)	1907.5 (19175)	22.01	21.69	20.56	18.51
		1880 (18900)	22.04	21.69	20.69	18.47
		1852.5 (18625)	22.20	21.74	20.64	18.79
10MHz	1RB-High (49)	1905 (19150)	22.00	22.14	21.03	19.05
		1880 (18900)	22.03	22.43	21.13	18.88
		1855 (18650)	21.97	22.48	21.20	18.80
	1RB-Middle (24)	1905 (19150)	21.97	22.22	21.07	18.92
		1880 (18900)	22.08	22.40	21.16	18.77
		1855 (18650)	22.11	22.45	21.00	18.82
	1RB-Low (0)	1905 (19150)	21.94	22.11	21.30	18.88
		1880 (18900)	21.99	22.25	20.96	18.83
		1855 (18650)	22.23	22.43	21.27	18.88
	25RB-High (25)	1905 (19150)	22.03	21.66	20.74	18.55
		1880 (18900)	22.13	21.72	20.73	18.66
		1855 (18650)	22.18	21.69	20.80	18.73
	25RB-Middle (12)	1905 (19150)	22.12	21.70	20.66	18.59
		1880 (18900)	22.05	21.68	20.62	18.57
		1855 (18650)	22.30	21.81	20.77	18.82
	25RB-Low (0)	1905 (19150)	22.06	21.72	20.72	18.67
		1880 (18900)	22.01	21.63	20.62	18.54
		1855 (18650)	22.27	21.69	20.76	18.74
	50RB (0)	1905 (19150)	22.10	21.70	20.72	18.62
		1880 (18900)	22.09	21.54	20.64	18.62
		1855 (18650)	22.27	21.75	20.69	18.68

15MHz	1RB-High (74)	1902.5 (19125)	21.74	21.69	20.70	18.74
		1880 (18900)	21.83	22.08	20.90	18.77
		1857.5 (18675)	21.90	22.30	20.99	19.02
	1RB-Middle (37)	1902.5 (19125)	21.78	22.09	20.79	18.65
		1880 (18900)	21.91	22.09	20.92	18.47
		1857.5 (18675)	21.89	22.04	20.96	18.82
	1RB-Low (0)	1902.5 (19125)	21.70	22.19	21.11	18.52
		1880 (18900)	21.92	22.10	21.10	18.82
		1857.5 (18675)	21.96	22.22	20.86	18.77
	36RB-High (38)	1902.5 (19125)	22.02	21.52	20.60	18.48
		1880 (18900)	22.02	21.58	20.64	18.46
		1857.5 (18675)	22.07	21.65	20.63	18.54
	36RB-Middle (19)	1902.5 (19125)	21.89	21.47	20.58	18.41
		1880 (18900)	21.92	21.44	20.46	18.38
		1857.5 (18675)	22.06	21.54	20.57	18.62
	36RB-Low (0)	1902.5 (19125)	21.89	21.51	20.47	18.30
		1880 (18900)	21.84	21.49	20.50	18.41
		1857.5 (18675)	22.12	21.50	20.56	18.48
	75RB (0)	1902.5 (19125)	21.90	21.56	20.56	18.37
		1880 (18900)	21.94	21.47	20.52	18.37
		1857.5 (18675)	22.09	21.58	20.56	18.55
20MHz	1RB-High (99)	1900 (19100)	21.96	22.11	21.74	18.28
		1880 (18900)	21.82	22.01	21.51	18.76
		1860 (18700)	21.82	22.12	21.49	18.58
	1RB-Middle (50)	1900 (19100)	21.84	22.13	21.59	18.79
		1880 (18900)	21.87	21.95	21.64	18.85
		1860 (18700)	21.99	22.04	21.60	18.68
	1RB-Low (0)	1900 (19100)	21.87	21.91	21.53	18.66
		1880 (18900)	21.87	22.06	21.69	18.60
		1860 (18700)	21.91	22.07	21.65	18.61
	50RB-High (50)	1900 (19100)	22.03	21.56	20.48	18.48
		1880 (18900)	22.13	21.62	20.61	18.46
		1860 (18700)	22.14	21.60	20.64	18.59
	50RB-Middle (25)	1900 (19100)	21.99	21.57	20.59	18.30
		1880 (18900)	22.02	21.53	20.45	18.46
		1860 (18700)	22.11	21.65	20.59	18.67
	50RB-Low (0)	1900 (19100)	22.01	21.49	20.45	18.37
		1880 (18900)	21.98	21.59	20.53	18.40
		1860 (18700)	22.00	21.51	20.50	18.58
	100RB (0)	1900 (19100)	21.90	21.53	20.55	18.35
		1880 (18900)	21.97	21.49	20.45	18.41
		1860 (18700)	22.08	21.56	20.58	18.62

LTE Band2(ANT1 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	15.79	16.23	16.30	16.10
		1880 (18900)	16.06	16.02	16.14	15.89
		1850.7 (18607)	15.99	16.47	16.07	16.34
	1RB-Middle (3)	1909.3 (19193)	15.90	16.42	16.09	16.29
		1880 (18900)	16.03	16.29	16.20	16.16
		1850.7 (18607)	16.10	16.45	16.14	16.32
	1RB-Low (0)	1909.3 (19193)	15.89	16.18	16.03	16.05
		1880 (18900)	15.91	16.42	16.28	16.29
		1850.7 (18607)	16.01	16.39	16.18	16.26
	3RB-High (3)	1909.3 (19193)	16.01	16.18	15.98	16.05
		1880 (18900)	16.07	16.21	16.20	16.08
		1850.7 (18607)	16.14	16.40	16.27	16.27
	3RB-Middle (1)	1909.3 (19193)	15.97	15.99	16.00	15.86
		1880 (18900)	16.09	16.31	16.11	16.18
		1850.7 (18607)	16.16	16.34	16.19	16.21
	3RB-Low (0)	1909.3 (19193)	15.98	16.03	16.02	15.90
		1880 (18900)	16.08	16.24	16.03	16.11
		1850.7 (18607)	16.10	16.23	16.15	16.10
	6RB (0)	1909.3 (19193)	15.96	16.08	15.96	15.95
		1880 (18900)	16.05	16.16	16.00	16.03
		1850.7 (18607)	16.18	16.24	16.10	16.11
3MHz	1RB-High (14)	1908.5 (19185)	15.91	16.11	15.95	15.98
		1880 (18900)	15.85	16.36	16.16	16.23
		1851.5 (18615)	16.02	16.38	16.27	16.25
	1RB-Middle (7)	1908.5 (19185)	16.07	16.37	16.14	16.24
		1880 (18900)	16.01	16.42	16.23	16.29
		1851.5 (18615)	16.13	16.40	16.42	16.27
	1RB-Low (0)	1908.5 (19185)	15.95	16.26	16.14	16.13
		1880 (18900)	15.99	16.39	15.92	16.26
		1851.5 (18615)	16.03	16.32	16.28	16.19
	8RB-High (7)	1908.5 (19185)	15.91	16.10	16.03	15.97
		1880 (18900)	16.09	16.20	16.04	16.07
		1851.5 (18615)	16.14	16.18	16.15	16.05
	8RB-Middle (4)	1908.5 (19185)	16.00	16.00	16.07	15.87
		1880 (18900)	16.17	16.29	16.06	16.16
		1851.5 (18615)	16.21	16.26	16.26	16.13
	8RB-Low (0)	1908.5 (19185)	16.04	16.04	16.04	15.91
		1880 (18900)	16.08	16.07	16.04	15.94
		1851.5 (18615)	16.14	16.27	16.14	16.14
	15RB (0)	1908.5 (19185)	15.99	16.04	16.03	15.91
		1880 (18900)	16.06	16.11	16.11	15.98
		1851.5 (18615)	16.09	16.22	16.11	16.09

5MHz	1RB-High (24)	1907.5 (19175)	15.85	16.05	16.14	15.92
		1880 (18900)	16.04	16.28	16.24	16.15
		1852.5 (18625)	16.10	16.31	16.28	16.18
	1RB-Middle (12)	1907.5 (19175)	15.99	16.18	15.94	16.05
		1880 (18900)	16.00	16.38	16.25	16.25
		1852.5 (18625)	16.10	16.40	16.52	16.27
	1RB-Low (0)	1907.5 (19175)	15.90	16.25	16.14	16.12
		1880 (18900)	15.97	16.34	15.92	16.21
		1852.5 (18625)	16.12	16.40	16.21	16.27
	12RB-High (13)	1907.5 (19175)	15.98	16.01	15.98	15.88
		1880 (18900)	16.11	16.14	16.06	16.01
		1852.5 (18625)	16.19	16.21	16.24	16.08
	12RB-Middle (6)	1907.5 (19175)	16.01	16.07	16.07	15.94
		1880 (18900)	16.10	16.18	16.19	16.05
		1852.5 (18625)	16.18	16.30	16.23	16.17
	12RB-Low (0)	1907.5 (19175)	15.99	16.05	16.04	15.92
		1880 (18900)	15.99	16.11	16.05	15.98
		1852.5 (18625)	16.14	16.21	16.17	16.08
	25RB (0)	1907.5 (19175)	15.98	16.00	16.07	15.87
		1880 (18900)	15.97	15.97	16.00	15.84
		1852.5 (18625)	16.08	16.24	16.18	16.11
10MHz	1RB-High (49)	1905 (19150)	15.92	16.47	16.17	16.34
		1880 (18900)	15.93	16.32	16.07	16.19
		1855 (18650)	16.07	16.25	16.27	16.12
	1RB-Middle (24)	1905 (19150)	15.98	16.36	16.15	16.23
		1880 (18900)	16.05	16.23	16.33	16.10
		1855 (18650)	16.05	16.27	16.47	16.14
	1RB-Low (0)	1905 (19150)	15.94	16.32	16.15	16.19
		1880 (18900)	15.93	16.28	16.20	16.15
		1855 (18650)	16.21	16.32	16.30	16.19
	25RB-High (25)	1905 (19150)	16.02	16.04	16.04	15.91
		1880 (18900)	16.11	16.13	16.12	16.00
		1855 (18650)	16.15	16.19	16.25	16.06
	25RB-Middle (12)	1905 (19150)	16.08	16.07	16.02	15.94
		1880 (18900)	15.97	16.05	16.06	15.92
		1855 (18650)	16.23	16.27	16.25	16.14
	25RB-Low (0)	1905 (19150)	16.03	16.14	16.03	16.01
		1880 (18900)	16.01	16.03	16.11	15.90
		1855 (18650)	16.19	16.20	16.15	16.07
	50RB (0)	1905 (19150)	16.01	16.10	16.06	15.97
		1880 (18900)	16.04	16.10	16.05	15.97
		1855 (18650)	16.23	16.15	16.17	16.02

15MHz	1RB-High (74)	1902.5 (19125)	15.84	16.20	15.69	16.07
		1880 (18900)	15.83	16.23	15.97	16.10
		1857.5 (18675)	15.97	16.44	16.13	16.31
	1RB-Middle (37)	1902.5 (19125)	15.71	16.12	15.85	15.99
		1880 (18900)	15.95	15.97	16.08	15.84
		1857.5 (18675)	15.92	16.27	16.13	16.14
	1RB-Low (0)	1902.5 (19125)	15.75	16.01	16.08	15.88
		1880 (18900)	15.70	16.27	15.88	16.14
		1857.5 (18675)	15.95	16.23	16.01	16.10
	36RB-High (38)	1902.5 (19125)	15.85	15.98	15.94	15.85
		1880 (18900)	15.94	15.96	15.99	15.83
		1857.5 (18675)	16.02	16.03	16.04	15.90
	36RB-Middle (19)	1902.5 (19125)	15.95	15.92	15.99	15.79
		1880 (18900)	15.82	15.89	15.90	15.76
		1857.5 (18675)	15.96	16.10	15.91	15.97
	36RB-Low (0)	1902.5 (19125)	15.91	15.82	15.96	15.69
		1880 (18900)	15.89	15.92	15.87	15.79
		1857.5 (18675)	16.05	15.98	16.03	15.85
	75RB (0)	1902.5 (19125)	15.86	15.88	15.81	15.75
		1880 (18900)	15.87	15.88	15.88	15.75
		1857.5 (18675)	16.05	16.04	16.07	15.91
20MHz	1RB-High (99)	1900 (19100)	15.76	15.80	16.20	15.67
		1880 (18900)	15.79	16.22	16.28	16.09
		1860 (18700)	15.75	16.06	16.18	15.93
	1RB-Middle (50)	1900 (19100)	15.68	16.24	15.96	16.11
		1880 (18900)	15.87	16.30	16.01	16.17
		1860 (18700)	16.18	16.15	16.19	16.02
	1RB-Low (0)	1900 (19100)	16.17	16.13	16.09	16.00
		1880 (18900)	15.90	16.08	16.30	15.95
		1860 (18700)	15.92	16.09	16.07	15.96
	50RB-High (50)	1900 (19100)	15.98	15.98	15.92	15.85
		1880 (18900)	15.97	15.96	15.96	15.83
		1860 (18700)	16.04	16.07	16.11	15.94
	50RB-Middle (25)	1900 (19100)	15.82	15.82	15.82	15.69
		1880 (18900)	16.09	15.96	15.87	15.83
		1860 (18700)	16.04	16.14	16.14	16.01
	50RB-Low (0)	1900 (19100)	15.78	15.88	15.94	15.75
		1880 (18900)	15.94	15.91	15.91	15.78
		1860 (18700)	16.03	16.06	15.88	15.93
	100RB (0)	1900 (19100)	15.82	15.86	15.88	15.73
		1880 (18900)	15.82	15.92	15.93	15.79
		1860 (18700)	16.11	16.10	16.09	15.97

LTE Band4(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	17.14	17.63	17.22	17.64
		1732.5 (20175)	17.35	17.62	17.52	17.54
		1710.7 (19957)	17.30	17.61	17.42	17.61
	1RB-Middle (3)	1754.3 (20393)	17.27	17.45	17.49	17.61
		1732.5 (20175)	17.36	17.68	17.49	17.58
		1710.7 (19957)	17.26	17.48	17.46	17.47
	1RB-Low (0)	1754.3 (20393)	17.35	17.43	17.35	17.64
		1732.5 (20175)	17.24	17.49	17.52	17.50
		1710.7 (19957)	17.26	17.63	17.68	17.41
	3RB-High (3)	1754.3 (20393)	17.27	17.45	17.29	17.49
		1732.5 (20175)	17.21	17.38	17.37	17.67
		1710.7 (19957)	17.32	17.42	17.55	17.43
	3RB-Middle (1)	1754.3 (20393)	17.29	17.39	17.31	17.48
		1732.5 (20175)	17.25	17.34	17.36	17.64
		1710.7 (19957)	17.32	17.59	17.52	17.52
	3RB-Low (0)	1754.3 (20393)	17.36	17.37	17.40	17.51
		1732.5 (20175)	17.18	17.26	17.39	17.49
		1710.7 (19957)	17.32	17.39	17.37	17.31
	6RB (0)	1754.3 (20393)	17.19	17.27	17.19	17.50
		1732.5 (20175)	17.25	17.31	17.38	17.47
		1710.7 (19957)	17.26	17.39	17.35	17.46
3MHz	1RB-High (14)	1753.5 (20385)	17.16	17.48	17.34	17.50
		1732.5 (20175)	17.19	17.61	17.38	17.50
		1711.5 (19965)	17.23	17.61	17.38	17.66
	1RB-Middle (7)	1753.5 (20385)	17.41	17.60	17.54	17.60
		1732.5 (20175)	17.19	17.53	17.48	17.55
		1711.5 (19965)	17.30	17.57	17.43	17.38
	1RB-Low (0)	1753.5 (20385)	17.07	17.53	17.26	17.39
		1732.5 (20175)	17.16	17.58	17.27	17.57
		1711.5 (19965)	17.15	17.48	17.45	17.45
	8RB-High (7)	1753.5 (20385)	17.32	17.45	17.33	17.42
		1732.5 (20175)	17.23	17.39	17.30	17.39
		1711.5 (19965)	17.30	17.43	17.27	17.48
	8RB-Middle (4)	1753.5 (20385)	17.28	17.39	17.36	17.38
		1732.5 (20175)	17.30	17.42	17.26	17.47
		1711.5 (19965)	17.33	17.49	17.35	17.41
	8RB-Low (0)	1753.5 (20385)	17.24	17.43	17.29	17.42
		1732.5 (20175)	17.27	17.42	17.30	17.47
		1711.5 (19965)	17.31	17.40	17.35	17.40
	15RB (0)	1753.5 (20385)	17.20	17.29	17.28	17.45
		1732.5 (20175)	17.23	17.27	17.33	17.46
		1711.5 (19965)	17.28	17.47	17.34	17.42

5MHz	1RB-High (24)	1752.5 (20375)	17.32	17.48	17.30	17.41
		1732.5 (20175)	17.17	17.58	17.29	17.40
		1712.5 (19975)	17.32	17.53	17.28	17.46
	1RB-Middle (12)	1752.5 (20375)	17.29	17.46	17.64	17.49
		1732.5 (20175)	17.33	17.61	17.67	17.51
		1712.5 (19975)	17.22	17.55	17.39	17.39
	1RB-Low (0)	1752.5 (20375)	17.25	17.44	17.27	17.66
		1732.5 (20175)	17.17	17.54	17.54	17.56
		1712.5 (19975)	17.26	17.42	17.44	17.40
	12RB-High (13)	1752.5 (20375)	17.26	17.38	17.28	17.43
		1732.5 (20175)	17.32	17.34	17.31	17.49
		1712.5 (19975)	17.28	17.39	17.37	17.50
	12RB-Middle (6)	1752.5 (20375)	17.34	17.32	17.38	17.50
		1732.5 (20175)	17.33	17.34	17.38	17.54
		1712.5 (19975)	17.35	17.50	17.42	17.49
	12RB-Low (0)	1752.5 (20375)	17.33	17.35	17.37	17.37
		1732.5 (20175)	17.24	17.23	17.25	17.47
		1712.5 (19975)	17.35	17.45	17.35	17.40
	25RB (0)	1752.5 (20375)	17.30	17.37	17.28	17.28
		1732.5 (20175)	17.17	17.23	17.16	17.45
		1712.5 (19975)	17.33	17.40	17.33	17.47
10MHz	1RB-High (49)	1750 (20350)	17.14	17.49	17.61	17.45
		1732.5 (20175)	17.24	17.43	17.63	17.56
		1715 (20000)	17.17	17.68	17.44	17.51
	1RB-Middle (24)	1750 (20350)	17.30	17.52	17.39	17.47
		1732.5 (20175)	17.21	17.53	17.35	17.42
		1715 (20000)	17.29	17.51	17.60	17.51
	1RB-Low (0)	1750 (20350)	17.28	17.70	17.39	17.55
		1732.5 (20175)	17.23	17.50	17.43	17.48
		1715 (20000)	17.26	17.51	17.36	17.46
	25RB-High (25)	1750 (20350)	17.36	17.38	17.34	17.48
		1732.5 (20175)	17.31	17.32	17.36	17.48
		1715 (20000)	17.28	17.29	17.36	17.51
	25RB-Middle (12)	1750 (20350)	17.32	17.35	17.39	17.42
		1732.5 (20175)	17.15	17.30	17.30	17.54
		1715 (20000)	17.35	17.34	17.42	17.36
	25RB-Low (0)	1750 (20350)	17.29	17.35	17.24	17.44
		1732.5 (20175)	17.21	17.31	17.32	17.47
		1715 (20000)	17.38	17.37	17.35	17.38
	50RB (0)	1750 (20350)	17.20	17.28	17.26	17.32
		1732.5 (20175)	17.11	17.18	17.20	17.47
		1715 (20000)	17.37	17.35	17.35	17.48

15MHz	1RB-High (74)	1747.5 (20325)	17.05	17.69	17.36	17.24
		1732.5 (20175)	17.06	17.36	17.12	17.30
		1717.5 (20025)	17.13	17.27	17.18	17.34
	1RB-Middle (37)	1747.5 (20325)	17.03	17.21	17.22	17.36
		1732.5 (20175)	17.09	17.32	17.24	17.43
		1717.5 (20025)	16.98	17.32	17.31	17.35
	1RB-Low (0)	1747.5 (20325)	17.17	17.48	17.23	17.24
		1732.5 (20175)	17.10	17.61	17.12	17.35
		1717.5 (20025)	17.07	17.46	17.23	17.30
	36RB-High (38)	1747.5 (20325)	17.23	17.21	17.18	17.37
		1732.5 (20175)	17.20	17.27	17.25	17.35
		1717.5 (20025)	17.15	17.22	17.23	17.20
	36RB-Middle (19)	1747.5 (20325)	17.09	17.20	17.08	17.22
		1732.5 (20175)	17.03	17.16	17.10	17.35
		1717.5 (20025)	17.17	17.17	17.23	17.28
	36RB-Low (0)	1747.5 (20325)	17.10	17.10	17.16	17.17
		1732.5 (20175)	17.11	17.21	17.05	17.26
		1717.5 (20025)	17.26	17.30	17.14	17.32
75RB (0)	1747.5 (20325)	17.17	17.15	17.20	17.16	
	1732.5 (20175)	17.05	17.07	17.04	17.38	
	1717.5 (20025)	17.17	17.20	17.26	17.33	
20MHz	1RB-High (99)	1745 (20300)	17.07	17.65	17.21	17.32
		1732.5 (20175)	17.08	17.50	17.20	17.36
		1720 (20050)	17.01	17.38	17.24	17.26
	1RB-Middle (50)	1745 (20300)	17.12	17.42	17.14	17.61
		1732.5 (20175)	16.98	17.36	17.49	17.66
		1720 (20050)	16.99	17.33	17.54	17.45
	1RB-Low (0)	1745 (20300)	17.08	17.33	17.63	17.28
		1732.5 (20175)	17.01	17.41	17.16	17.33
		1720 (20050)	17.21	17.42	17.21	17.34
	50RB-High (50)	1745 (20300)	17.17	17.24	17.22	17.33
		1732.5 (20175)	17.18	17.19	17.21	17.37
		1720 (20050)	17.12	17.21	17.25	17.39
	50RB-Middle (25)	1745 (20300)	17.18	17.26	17.27	17.30
		1732.5 (20175)	17.08	17.12	17.18	17.40
		1720 (20050)	17.11	17.22	17.28	17.29
	50RB-Low (0)	1745 (20300)	17.12	17.05	17.17	17.25
		1732.5 (20175)	17.11	17.07	17.13	17.23
		1720 (20050)	17.19	17.15	17.11	17.35
100RB (0)	1745 (20300)	17.16	17.21	17.23	17.16	
	1732.5 (20175)	17.03	17.13	17.04	17.31	
	1720 (20050)	17.17	17.21	17.19	17.66	

LTE Band4(ANT4 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	20.85	21.28	21.01	19.83
		1732.5 (20175)	20.86	21.17	20.89	19.72
		1710.7 (19957)	20.96	21.41	21.06	19.79
	1RB-Middle (3)	1754.3 (20393)	20.81	21.21	20.88	19.79
		1732.5 (20175)	20.90	21.06	20.86	19.76
		1710.7 (19957)	20.83	21.41	21.02	19.64
	1RB-Low (0)	1754.3 (20393)	20.81	21.05	20.91	19.83
		1732.5 (20175)	20.84	21.12	21.25	19.67
		1710.7 (19957)	20.98	21.45	21.01	19.57
	3RB-High (3)	1754.3 (20393)	20.87	21.03	20.97	19.66
		1732.5 (20175)	20.89	20.95	20.81	19.86
		1710.7 (19957)	20.87	21.05	20.95	19.59
	3RB-Middle (1)	1754.3 (20393)	20.82	20.88	20.98	19.65
		1732.5 (20175)	20.85	20.93	20.90	19.83
		1710.7 (19957)	20.97	21.02	20.97	19.69
	3RB-Low (0)	1754.3 (20393)	20.82	21.00	20.94	19.68
		1732.5 (20175)	20.88	21.03	20.96	19.66
		1710.7 (19957)	20.97	20.97	21.07	19.46
	6RB (0)	1754.3 (20393)	20.85	20.92	20.81	19.67
		1732.5 (20175)	20.82	20.81	20.82	19.64
		1710.7 (19957)	20.91	20.99	20.98	19.63
3MHz	1RB-High (14)	1753.5 (20385)	20.78	21.03	20.97	19.67
		1732.5 (20175)	20.76	21.08	20.95	19.67
		1711.5 (19965)	20.81	21.34	20.92	19.85
	1RB-Middle (7)	1753.5 (20385)	20.83	21.32	20.94	19.78
		1732.5 (20175)	20.82	21.29	21.10	19.73
		1711.5 (19965)	20.93	21.24	21.04	19.54
	1RB-Low (0)	1753.5 (20385)	20.86	21.03	20.74	19.55
		1732.5 (20175)	20.87	21.02	20.98	19.75
		1711.5 (19965)	20.80	21.37	20.88	19.61
	8RB-High (7)	1753.5 (20385)	20.97	20.93	20.92	19.58
		1732.5 (20175)	20.91	20.92	20.88	19.55
		1711.5 (19965)	20.98	20.86	20.94	19.65
	8RB-Middle (4)	1753.5 (20385)	20.97	21.03	20.86	19.54
		1732.5 (20175)	20.94	20.96	20.85	19.64
		1711.5 (19965)	20.98	20.99	20.95	19.57
	8RB-Low (0)	1753.5 (20385)	20.91	20.95	20.93	19.58
		1732.5 (20175)	20.83	21.01	20.90	19.64
		1711.5 (19965)	20.89	21.01	20.90	19.56
	15RB (0)	1753.5 (20385)	20.81	20.86	20.85	19.61
		1732.5 (20175)	20.85	20.86	20.84	19.63
		1711.5 (19965)	20.95	20.91	20.96	19.58

5MHz	1RB-High (24)	1752.5 (20375)	20.84	21.05	21.04	19.57
		1732.5 (20175)	20.79	21.30	20.82	19.56
		1712.5 (19975)	20.88	21.09	21.02	19.63
	1RB-Middle (12)	1752.5 (20375)	20.90	21.13	21.09	19.66
		1732.5 (20175)	20.79	21.21	20.87	19.68
		1712.5 (19975)	20.89	21.31	21.24	19.55
	1RB-Low (0)	1752.5 (20375)	20.83	21.24	20.90	19.85
		1732.5 (20175)	20.72	21.25	20.93	19.74
		1712.5 (19975)	20.85	21.31	20.82	19.56
	12RB-High (13)	1752.5 (20375)	20.90	20.92	20.88	19.59
		1732.5 (20175)	20.86	20.93	20.89	19.66
		1712.5 (19975)	20.93	20.98	20.93	19.67
	12RB-Middle (6)	1752.5 (20375)	20.92	20.91	20.95	19.67
		1732.5 (20175)	20.95	20.94	20.95	19.72
		1712.5 (19975)	20.99	21.01	20.97	19.66
	12RB-Low (0)	1752.5 (20375)	20.86	20.91	20.93	19.52
		1732.5 (20175)	20.80	20.90	20.79	19.64
		1712.5 (19975)	20.94	21.07	20.92	19.56
	25RB (0)	1752.5 (20375)	20.92	20.91	20.88	19.42
		1732.5 (20175)	20.80	20.76	20.73	19.61
		1712.5 (19975)	20.93	20.91	21.02	19.64
10MHz	1RB-High (49)	1750 (20350)	20.92	21.30	21.00	19.61
		1732.5 (20175)	20.85	21.38	21.06	19.74
		1715 (20000)	20.83	21.02	20.88	19.68
	1RB-Middle (24)	1750 (20350)	20.86	21.29	21.04	19.64
		1732.5 (20175)	20.79	21.41	20.97	19.58
		1715 (20000)	20.89	21.25	21.05	19.68
	1RB-Low (0)	1750 (20350)	20.79	21.26	20.87	19.73
		1732.5 (20175)	20.81	21.10	20.89	19.65
		1715 (20000)	20.95	21.23	20.95	19.63
	25RB-High (25)	1750 (20350)	20.96	20.96	21.00	19.65
		1732.5 (20175)	20.90	21.02	20.95	19.65
		1715 (20000)	20.96	20.97	20.98	19.68
	25RB-Middle (12)	1750 (20350)	21.02	20.90	20.92	19.58
		1732.5 (20175)	20.93	20.81	20.88	19.72
		1715 (20000)	21.01	20.93	20.98	19.51
	25RB-Low (0)	1750 (20350)	20.81	20.83	20.92	19.60
		1732.5 (20175)	20.87	20.82	20.83	19.64
		1715 (20000)	20.93	20.98	20.99	19.54
	50RB (0)	1750 (20350)	20.86	20.84	20.86	19.47
		1732.5 (20175)	20.89	20.79	20.76	19.64
		1715 (20000)	21.03	20.94	20.97	19.65

15MHz	1RB-High (74)	1747.5 (20325)	20.86	21.12	20.92	19.38
		1732.5 (20175)	21.13	21.08	21.06	19.45
		1717.5 (20025)	20.79	21.20	21.33	19.49
	1RB-Middle (37)	1747.5 (20325)	20.86	21.05	20.95	19.51
		1732.5 (20175)	20.86	20.87	20.77	19.59
		1717.5 (20025)	20.67	21.20	20.88	19.50
	1RB-Low (0)	1747.5 (20325)	20.65	20.95	20.88	19.38
		1732.5 (20175)	20.88	21.20	20.83	19.50
		1717.5 (20025)	20.69	21.01	21.40	19.45
	36RB-High (38)	1747.5 (20325)	20.86	20.95	20.82	19.52
		1732.5 (20175)	20.85	20.86	20.79	19.50
		1717.5 (20025)	20.75	20.84	20.80	19.33
	36RB-Middle (19)	1747.5 (20325)	20.77	20.82	20.73	19.36
		1732.5 (20175)	20.78	20.79	20.67	19.50
		1717.5 (20025)	20.78	20.88	20.84	19.42
	36RB-Low (0)	1747.5 (20325)	20.88	20.72	20.75	19.30
		1732.5 (20175)	20.79	20.75	20.78	19.40
		1717.5 (20025)	20.89	20.87	20.90	19.47
75RB (0)	1747.5 (20325)	20.84	20.82	20.76	19.29	
	1732.5 (20175)	20.79	20.76	20.69	19.54	
	1717.5 (20025)	20.91	20.85	20.86	19.48	
20MHz	1RB-High (99)	1745 (20300)	21.04	21.13	21.21	19.47
		1732.5 (20175)	20.88	21.40	21.25	19.51
		1720 (20050)	20.81	21.04	20.97	19.40
	1RB-Middle (50)	1745 (20300)	20.97	21.41	20.81	19.79
		1732.5 (20175)	21.03	21.07	21.27	19.85
		1720 (20050)	20.77	21.00	21.12	19.61
	1RB-Low (0)	1745 (20300)	20.90	21.18	20.92	19.42
		1732.5 (20175)	20.83	21.38	21.07	19.48
		1720 (20050)	20.83	21.06	21.06	19.49
	50RB-High (50)	1745 (20300)	21.03	21.02	20.92	19.48
		1732.5 (20175)	20.91	20.93	20.84	19.52
		1720 (20050)	20.98	20.82	20.89	19.55
	50RB-Middle (25)	1745 (20300)	20.99	20.97	20.90	19.45
		1732.5 (20175)	20.89	20.89	20.68	19.56
		1720 (20050)	20.98	20.94	20.87	19.44
	50RB-Low (0)	1745 (20300)	20.89	20.87	20.82	19.39
		1732.5 (20175)	20.87	20.92	20.77	19.37
		1720 (20050)	20.88	20.86	20.83	19.50
100RB (0)	1745 (20300)	21.04	21.00	20.75	19.29	
	1732.5 (20175)	20.86	20.88	20.79	19.46	
	1720 (20050)	21.02	20.95	20.78	19.85	

LTE Band4(ANT4 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	11.24	11.56	11.42	11.51
		1732.5 (20175)	11.09	11.67	11.32	11.40
		1710.7 (19957)	11.25	11.50	11.35	11.43
	1RB-Middle (3)	1754.3 (20393)	11.24	11.41	11.30	11.39
		1732.5 (20175)	11.21	11.54	11.21	11.30
		1710.7 (19957)	11.29	11.55	11.31	11.39
	1RB-Low (0)	1754.3 (20393)	11.20	11.44	11.36	11.44
		1732.5 (20175)	11.18	11.45	11.27	11.36
		1710.7 (19957)	11.26	11.60	11.37	11.45
	3RB-High (3)	1754.3 (20393)	11.29	11.37	11.29	11.38
		1732.5 (20175)	11.21	11.32	11.18	11.27
		1710.7 (19957)	11.33	11.57	11.36	11.44
	3RB-Middle (1)	1754.3 (20393)	11.30	11.46	11.27	11.36
		1732.5 (20175)	11.15	11.40	11.25	11.34
		1710.7 (19957)	11.32	11.33	11.40	11.49
	3RB-Low (0)	1754.3 (20393)	11.19	11.33	11.22	11.31
		1732.5 (20175)	11.22	11.39	11.27	11.36
		1710.7 (19957)	11.21	11.37	11.32	11.40
	6RB (0)	1754.3 (20393)	11.23	11.29	11.38	11.46
		1732.5 (20175)	11.18	11.22	11.23	11.32
		1710.7 (19957)	11.27	11.39	11.35	11.43
3MHz	1RB-High (14)	1753.5 (20385)	11.24	11.52	11.32	11.40
		1732.5 (20175)	11.24	11.58	11.11	11.20
		1711.5 (19965)	11.22	11.46	11.36	11.44
	1RB-Middle (7)	1753.5 (20385)	11.27	11.65	11.53	11.42
		1732.5 (20175)	11.22	11.55	11.45	11.54
		1711.5 (19965)	11.32	11.54	11.42	11.51
	1RB-Low (0)	1753.5 (20385)	11.21	11.69	11.26	11.35
		1732.5 (20175)	11.11	11.60	11.34	11.42
		1711.5 (19965)	11.21	11.61	11.31	11.39
	8RB-High (7)	1753.5 (20385)	11.25	11.44	11.31	11.39
		1732.5 (20175)	11.22	11.24	11.27	11.36
		1711.5 (19965)	11.34	11.36	11.37	11.45
	8RB-Middle (4)	1753.5 (20385)	11.37	11.43	11.41	11.50
		1732.5 (20175)	11.26	11.36	11.30	11.39
		1711.5 (19965)	11.37	11.53	11.39	11.48
	8RB-Low (0)	1753.5 (20385)	11.34	11.41	11.36	11.44
		1732.5 (20175)	11.23	11.31	11.27	11.36
		1711.5 (19965)	11.29	11.43	11.30	11.39
	15RB (0)	1753.5 (20385)	11.33	11.28	11.34	11.42
		1732.5 (20175)	11.22	11.27	11.27	11.36
		1711.5 (19965)	11.26	11.35	11.34	11.42

5MHz	1RB-High (24)	1752.5 (20375)	11.24	11.57	11.40	11.49
		1732.5 (20175)	11.19	11.64	11.39	11.48
		1712.5 (19975)	11.23	11.56	11.39	11.48
	1RB-Middle (12)	1752.5 (20375)	11.41	11.53	11.51	11.40
		1732.5 (20175)	11.17	11.55	11.35	11.43
		1712.5 (19975)	11.26	11.54	11.35	11.43
	1RB-Low (0)	1752.5 (20375)	11.31	11.59	11.43	11.52
		1732.5 (20175)	11.20	11.38	11.28	11.37
		1712.5 (19975)	11.31	11.57	11.40	11.49
	12RB-High (13)	1752.5 (20375)	11.24	11.37	11.32	11.40
		1732.5 (20175)	11.28	11.26	11.25	11.34
		1712.5 (19975)	11.34	11.44	11.36	11.44
	12RB-Middle (6)	1752.5 (20375)	11.28	11.37	11.37	11.45
		1732.5 (20175)	11.33	11.29	11.22	11.31
		1712.5 (19975)	11.32	11.32	11.41	11.50
	12RB-Low (0)	1752.5 (20375)	11.32	11.28	11.32	11.40
		1732.5 (20175)	11.20	11.24	11.13	11.22
		1712.5 (19975)	11.36	11.39	11.37	11.45
	25RB (0)	1752.5 (20375)	11.28	11.36	11.34	11.42
		1732.5 (20175)	11.13	11.15	11.17	11.26
		1712.5 (19975)	11.31	11.31	11.38	11.46
10MHz	1RB-High (49)	1750 (20350)	11.25	11.62	11.31	11.39
		1732.5 (20175)	11.17	11.59	11.33	11.41
		1715 (20000)	11.21	11.59	11.32	11.40
	1RB-Middle (24)	1750 (20350)	11.35	11.65	11.42	11.51
		1732.5 (20175)	11.20	11.51	11.32	11.40
		1715 (20000)	11.29	11.60	11.46	11.55
	1RB-Low (0)	1750 (20350)	11.34	11.59	11.38	11.46
		1732.5 (20175)	11.17	11.51	11.16	11.25
		1715 (20000)	11.28	11.67	11.30	11.39
	25RB-High (25)	1750 (20350)	11.31	11.35	11.32	11.40
		1732.5 (20175)	11.28	11.31	11.29	11.38
		1715 (20000)	11.30	11.38	11.37	11.45
	25RB-Middle (12)	1750 (20350)	11.38	11.33	11.31	11.39
		1732.5 (20175)	11.16	11.17	11.16	11.25
		1715 (20000)	11.39	11.40	11.38	11.46
	25RB-Low (0)	1750 (20350)	11.27	11.25	11.32	11.40
		1732.5 (20175)	11.14	11.23	11.13	11.22
		1715 (20000)	11.36	11.35	11.34	11.42
	50RB (0)	1750 (20350)	11.20	11.33	11.25	11.34
		1732.5 (20175)	11.19	11.23	11.21	11.30
		1715 (20000)	11.32	11.34	11.35	11.43

15MHz	1RB-High (74)	1747.5 (20325)	11.14	11.38	11.28	11.37
		1732.5 (20175)	11.11	11.49	11.27	11.36
		1717.5 (20025)	11.12	11.37	11.05	11.14
	1RB-Middle (37)	1747.5 (20325)	11.13	11.24	11.24	11.33
		1732.5 (20175)	11.07	11.43	11.22	11.31
		1717.5 (20025)	11.16	11.44	11.33	11.41
	1RB-Low (0)	1747.5 (20325)	11.17	11.33	11.28	11.37
		1732.5 (20175)	11.05	11.44	11.31	11.39
		1717.5 (20025)	11.11	11.60	11.32	11.40
	36RB-High (38)	1747.5 (20325)	11.26	11.24	11.19	11.28
		1732.5 (20175)	11.15	11.11	11.20	11.29
		1717.5 (20025)	11.10	11.19	11.19	11.28
	36RB-Middle (19)	1747.5 (20325)	11.19	11.15	11.20	11.29
		1732.5 (20175)	11.08	11.03	11.15	11.24
		1717.5 (20025)	11.19	11.15	11.21	11.30
	36RB-Low (0)	1747.5 (20325)	11.14	11.16	11.13	11.22
		1732.5 (20175)	11.09	11.11	11.04	11.13
		1717.5 (20025)	11.23	11.33	11.23	11.32
75RB (0)	1747.5 (20325)	11.13	11.19	11.10	11.19	
	1732.5 (20175)	11.16	11.06	11.07	11.16	
	1717.5 (20025)	11.20	11.21	11.19	11.28	
20MHz	1RB-High (99)	1745 (20300)	11.11	11.41	11.58	11.47
		1732.5 (20175)	11.12	11.45	11.22	11.31
		1720 (20050)	11.07	11.40	11.12	11.21
	1RB-Middle (50)	1745 (20300)	11.01	11.30	11.36	11.25
		1732.5 (20175)	11.04	11.37	11.23	11.32
		1720 (20050)	11.16	11.35	11.47	11.56
	1RB-Low (0)	1745 (20300)	11.23	11.43	11.22	11.31
		1732.5 (20175)	11.11	11.21	11.11	11.20
		1720 (20050)	11.12	11.66	11.64	11.53
	50RB-High (50)	1745 (20300)	11.26	11.27	11.21	11.30
		1732.5 (20175)	11.16	11.10	11.16	11.25
		1720 (20050)	11.10	11.16	11.18	11.27
	50RB-Middle (25)	1745 (20300)	11.20	11.30	11.29	11.38
		1732.5 (20175)	11.09	11.13	11.11	11.20
		1720 (20050)	11.27	11.26	11.25	11.34
	50RB-Low (0)	1745 (20300)	11.16	11.15	11.18	11.27
		1732.5 (20175)	11.09	11.13	11.10	11.19
		1720 (20050)	11.11	11.08	11.24	11.33
100RB (0)	1745 (20300)	11.16	11.17	11.25	11.34	
	1732.5 (20175)	11.09	11.11	11.11	11.20	
	1720 (20050)	11.16	11.24	11.13	11.22	

LTE Band4(ANT1 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	23.47	23.29	22.35	19.65
		1732.5 (20175)	23.92	23.38	22.46	19.31
		1710.7 (19957)	24.09	23.51	22.29	19.62
	1RB-Middle (3)	1754.3 (20393)	23.46	23.28	22.19	19.60
		1732.5 (20175)	24.12	23.40	22.44	19.51
		1710.7 (19957)	24.12	23.69	22.44	19.59
	1RB-Low (0)	1754.3 (20393)	23.46	23.42	22.01	19.49
		1732.5 (20175)	24.02	23.41	22.55	19.30
		1710.7 (19957)	24.06	23.53	22.86	19.57
	3RB-High (3)	1754.3 (20393)	24.11	23.17	22.18	19.59
		1732.5 (20175)	24.08	23.34	22.20	19.44
		1710.7 (19957)	24.13	23.42	22.41	19.33
	3RB-Middle (1)	1754.3 (20393)	23.97	23.18	22.14	19.49
		1732.5 (20175)	24.08	23.19	22.29	19.59
		1710.7 (19957)	24.08	23.26	22.29	19.65
	3RB-Low (0)	1754.3 (20393)	24.06	23.12	22.17	19.38
		1732.5 (20175)	24.02	23.03	22.27	19.41
		1710.7 (19957)	24.01	23.35	22.29	19.30
	6RB (0)	1754.3 (20393)	23.10	22.15	21.27	19.26
		1732.5 (20175)	23.07	22.35	21.37	19.29
		1710.7 (19957)	23.14	22.19	21.34	19.47
3MHz	1RB-High (14)	1753.5 (20385)	23.57	23.61	22.34	19.58
		1732.5 (20175)	23.96	23.61	22.36	19.51
		1711.5 (19965)	24.09	23.38	22.41	19.37
	1RB-Middle (7)	1753.5 (20385)	23.56	23.59	22.39	19.61
		1732.5 (20175)	24.12	23.57	22.35	19.34
		1711.5 (19965)	24.17	23.54	22.70	19.38
	1RB-Low (0)	1753.5 (20385)	23.49	23.25	22.24	19.54
		1732.5 (20175)	23.88	23.34	22.56	19.38
		1711.5 (19965)	24.04	23.31	22.52	19.50
	8RB-High (7)	1753.5 (20385)	23.24	22.20	21.45	19.33
		1732.5 (20175)	23.16	22.43	21.35	19.43
		1711.5 (19965)	23.26	22.39	21.43	19.41
	8RB-Middle (4)	1753.5 (20385)	23.24	22.30	21.37	19.36
		1732.5 (20175)	23.32	22.43	21.39	19.39
		1711.5 (19965)	23.27	22.40	21.53	19.41
	8RB-Low (0)	1753.5 (20385)	23.14	22.24	21.42	19.43
		1732.5 (20175)	23.10	22.26	21.39	19.33
		1711.5 (19965)	23.26	22.37	21.53	19.50
	15RB (0)	1753.5 (20385)	23.06	22.32	21.36	19.23
		1732.5 (20175)	23.25	22.29	21.33	19.31
		1711.5 (19965)	23.20	22.26	21.36	19.33

5MHz	1RB-High (24)	1752.5 (20375)	23.62	23.16	22.30	19.58
		1732.5 (20175)	24.00	23.45	22.38	19.36
		1712.5 (19975)	24.06	23.53	21.65	19.54
	1RB-Middle (12)	1752.5 (20375)	23.56	23.45	22.08	19.30
		1732.5 (20175)	24.55	23.54	22.56	19.27
		1712.5 (19975)	24.24	23.45	21.52	19.41
	1RB-Low (0)	1752.5 (20375)	23.60	23.34	22.12	19.59
		1732.5 (20175)	23.93	23.32	22.31	19.27
		1712.5 (19975)	24.14	23.60	21.90	19.31
	12RB-High (13)	1752.5 (20375)	23.16	22.40	21.41	19.41
		1732.5 (20175)	23.19	22.36	21.43	19.28
		1712.5 (19975)	23.20	22.20	20.46	19.37
	12RB-Middle (6)	1752.5 (20375)	23.08	22.23	21.40	19.37
		1732.5 (20175)	23.22	22.37	21.58	19.36
		1712.5 (19975)	23.27	22.37	20.49	19.46
	12RB-Low (0)	1752.5 (20375)	22.97	22.13	21.22	19.34
		1732.5 (20175)	23.13	22.22	21.36	19.21
		1712.5 (19975)	23.17	22.34	20.38	19.42
	25RB (0)	1752.5 (20375)	22.94	22.11	21.25	19.31
		1732.5 (20175)	23.23	22.28	21.42	19.36
		1712.5 (19975)	23.20	22.35	20.39	19.36
10MHz	1RB-High (49)	1750 (20350)	23.50	23.38	22.29	19.41
		1732.5 (20175)	24.07	23.50	22.28	19.33
		1715 (20000)	24.09	23.66	22.56	19.33
	1RB-Middle (24)	1750 (20350)	23.47	23.22	22.05	19.66
		1732.5 (20175)	24.17	23.50	22.32	19.60
		1715 (20000)	24.14	23.49	22.46	19.66
	1RB-Low (0)	1750 (20350)	23.49	23.22	21.94	19.57
		1732.5 (20175)	24.02	23.59	22.42	19.66
		1715 (20000)	24.23	24.00	22.61	19.36
	25RB-High (25)	1750 (20350)	23.12	22.16	21.24	19.34
		1732.5 (20175)	23.20	22.29	21.42	19.30
		1715 (20000)	23.24	22.34	21.42	19.42
	25RB-Middle (12)	1750 (20350)	22.79	21.94	21.04	19.27
		1732.5 (20175)	23.20	22.39	21.45	19.31
		1715 (20000)	23.28	22.36	21.43	19.41
	25RB-Low (0)	1750 (20350)	22.76	21.89	21.04	19.28
		1732.5 (20175)	23.21	22.31	21.29	19.19
		1715 (20000)	23.23	22.33	21.45	19.39
	50RB (0)	1750 (20350)	23.10	22.04	21.06	19.21
		1732.5 (20175)	23.36	22.30	21.41	19.38
		1715 (20000)	23.22	22.38	21.39	19.42

15MHz	1RB-High (74)	1747.5 (20325)	23.51	23.07	21.98	19.46
		1732.5 (20175)	24.04	23.10	22.04	19.42
		1717.5 (20025)	24.12	23.27	22.25	19.27
	1RB-Middle (37)	1747.5 (20325)	23.59	23.15	21.90	19.38
		1732.5 (20175)	24.01	23.07	22.09	19.41
		1717.5 (20025)	23.99	23.45	22.27	19.30
	1RB-Low (0)	1747.5 (20325)	24.12	23.12	22.11	19.42
		1732.5 (20175)	23.95	23.24	22.10	19.50
		1717.5 (20025)	24.01	23.19	22.45	19.35
	36RB-High (38)	1747.5 (20325)	23.01	21.99	21.17	19.23
		1732.5 (20175)	23.20	22.16	21.21	19.14
		1717.5 (20025)	23.09	22.23	21.26	19.11
	36RB-Middle (19)	1747.5 (20325)	22.93	21.91	21.05	19.22
		1732.5 (20175)	23.19	22.19	21.26	19.14
		1717.5 (20025)	23.16	22.15	21.29	19.15
	36RB-Low (0)	1747.5 (20325)	23.10	22.05	21.19	19.18
		1732.5 (20175)	23.08	22.20	21.17	19.11
		1717.5 (20025)	23.17	22.23	21.21	19.21
75RB (0)	1747.5 (20325)	22.97	22.04	21.14	19.12	
	1732.5 (20175)	23.13	22.19	21.26	19.13	
	1717.5 (20025)	23.16	22.12	21.28	19.19	
20MHz	1RB-High (99)	1745 (20300)	23.85	23.23	22.11	19.37
		1732.5 (20175)	23.96	23.35	22.60	19.29
		1720 (20050)	24.04	23.37	22.13	19.28
	1RB-Middle (50)	1745 (20300)	24.05	23.14	22.17	19.37
		1732.5 (20175)	24.01	23.56	22.93	19.22
		1720 (20050)	24.13	23.44	22.24	19.49
	1RB-Low (0)	1745 (20300)	24.26	23.40	22.14	19.53
		1732.5 (20175)	23.94	23.24	22.38	19.36
		1720 (20050)	24.01	23.33	22.24	19.26
	50RB-High (50)	1745 (20300)	23.11	22.03	21.16	19.22
		1732.5 (20175)	23.16	22.22	21.32	19.28
		1720 (20050)	23.11	22.15	21.23	19.17
	50RB-Middle (25)	1745 (20300)	23.03	22.09	21.29	19.22
		1732.5 (20175)	23.15	22.20	21.27	19.14
		1720 (20050)	23.20	22.16	21.26	19.22
	50RB-Low (0)	1745 (20300)	23.24	22.09	21.17	19.10
		1732.5 (20175)	23.04	22.21	21.31	19.08
		1720 (20050)	23.05	22.08	21.23	19.21
100RB (0)	1745 (20300)	23.23	22.13	21.37	19.12	
	1732.5 (20175)	23.12	22.20	21.25	19.25	
	1720 (20050)	23.18	22.19	21.29	19.21	

LTE Band4(ANT1 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	22.90	23.22	22.13	19.60
		1732.5 (20175)	22.86	23.26	21.85	19.26
		1710.7 (19957)	22.82	23.19	22.02	19.57
	1RB-Middle (3)	1754.3 (20393)	22.88	23.13	22.01	19.55
		1732.5 (20175)	22.86	23.30	21.99	19.46
		1710.7 (19957)	22.90	23.48	22.21	19.54
	1RB-Low (0)	1754.3 (20393)	22.80	23.14	22.16	19.44
		1732.5 (20175)	22.83	23.25	21.95	19.25
		1710.7 (19957)	22.91	23.30	21.95	19.52
	3RB-High (3)	1754.3 (20393)	22.93	23.01	21.93	19.54
		1732.5 (20175)	23.05	22.92	21.97	19.39
		1710.7 (19957)	22.93	23.13	22.12	19.28
	3RB-Middle (1)	1754.3 (20393)	22.89	22.94	21.88	19.44
		1732.5 (20175)	22.96	22.98	21.99	19.54
		1710.7 (19957)	23.06	23.14	22.11	19.60
	3RB-Low (0)	1754.3 (20393)	22.92	23.02	21.86	19.33
		1732.5 (20175)	22.95	23.02	21.95	19.36
		1710.7 (19957)	22.93	23.17	22.02	19.25
	6RB (0)	1754.3 (20393)	22.84	22.34	21.23	19.21
		1732.5 (20175)	22.94	22.35	21.24	19.24
		1710.7 (19957)	22.94	22.34	21.28	19.42
3MHz	1RB-High (14)	1753.5 (20385)	22.74	23.08	22.03	19.53
		1732.5 (20175)	22.86	23.11	21.99	19.46
		1711.5 (19965)	22.82	23.11	21.93	19.32
	1RB-Middle (7)	1753.5 (20385)	22.92	23.19	21.97	19.56
		1732.5 (20175)	22.93	23.34	21.99	19.29
		1711.5 (19965)	22.97	23.24	22.14	19.33
	1RB-Low (0)	1753.5 (20385)	22.72	23.16	21.99	19.49
		1732.5 (20175)	22.74	23.01	22.01	19.33
		1711.5 (19965)	23.09	23.22	21.98	19.45
	8RB-High (7)	1753.5 (20385)	23.05	22.32	21.37	19.28
		1732.5 (20175)	23.03	22.36	21.46	19.38
		1711.5 (19965)	22.93	22.31	21.43	19.36
	8RB-Middle (4)	1753.5 (20385)	22.99	22.32	21.36	19.31
		1732.5 (20175)	23.02	22.37	21.36	19.34
		1711.5 (19965)	23.04	22.40	21.46	19.36
	8RB-Low (0)	1753.5 (20385)	23.05	22.38	21.37	19.38
		1732.5 (20175)	22.88	22.30	21.31	19.28
		1711.5 (19965)	23.01	22.35	21.39	19.45
	15RB (0)	1753.5 (20385)	22.96	22.26	21.28	19.18
		1732.5 (20175)	23.03	22.27	21.44	19.26
		1711.5 (19965)	22.98	22.32	21.33	19.28

5MHz	1RB-High (24)	1752.5 (20375)	22.80	23.14	21.83	19.53
		1732.5 (20175)	22.88	23.15	21.94	19.31
		1712.5 (19975)	22.91	23.19	22.06	19.49
	1RB-Middle (12)	1752.5 (20375)	23.03	23.04	21.99	19.25
		1732.5 (20175)	22.89	23.26	22.00	19.22
		1712.5 (19975)	22.95	23.34	22.13	19.36
	1RB-Low (0)	1752.5 (20375)	22.82	23.11	22.07	19.54
		1732.5 (20175)	22.83	23.16	21.92	19.22
		1712.5 (19975)	22.98	23.20	22.09	19.26
	12RB-High (13)	1752.5 (20375)	22.99	22.32	21.49	19.36
		1732.5 (20175)	23.00	22.34	21.48	19.23
		1712.5 (19975)	23.00	22.37	21.34	19.32
	12RB-Middle (6)	1752.5 (20375)	22.95	22.27	21.36	19.32
		1732.5 (20175)	22.97	22.27	21.57	19.31
		1712.5 (19975)	23.02	22.32	21.46	19.41
	12RB-Low (0)	1752.5 (20375)	22.96	22.11	21.15	19.29
		1732.5 (20175)	22.88	22.22	21.35	19.16
		1712.5 (19975)	22.98	22.35	21.38	19.37
25RB (0)	1752.5 (20375)	23.01	22.19	21.15	19.26	
	1732.5 (20175)	22.87	22.37	21.41	19.31	
	1712.5 (19975)	22.99	22.36	21.43	19.31	
10MHz	1RB-High (49)	1750 (20350)	22.95	23.30	22.02	19.36
		1732.5 (20175)	22.82	23.36	22.06	19.28
		1715 (20000)	22.76	23.09	22.08	19.28
	1RB-Middle (24)	1750 (20350)	22.90	23.24	22.00	19.61
		1732.5 (20175)	22.97	23.09	22.13	19.55
		1715 (20000)	22.87	23.43	22.04	19.61
	1RB-Low (0)	1750 (20350)	22.99	23.25	21.93	19.52
		1732.5 (20175)	22.95	23.19	21.91	19.61
		1715 (20000)	22.90	23.20	22.12	19.31
	25RB-High (25)	1750 (20350)	22.95	22.26	21.16	19.29
		1732.5 (20175)	22.99	22.26	21.47	19.25
		1715 (20000)	22.96	22.24	21.37	19.37
	25RB-Middle (12)	1750 (20350)	22.96	21.98	21.06	19.22
		1732.5 (20175)	23.00	22.53	21.47	19.26
		1715 (20000)	22.97	22.44	21.36	19.36
	25RB-Low (0)	1750 (20350)	22.91	21.91	20.98	19.23
		1732.5 (20175)	22.94	22.39	21.37	19.14
		1715 (20000)	22.99	22.46	21.28	19.34
50RB (0)	1750 (20350)	22.95	22.06	21.05	19.16	
	1732.5 (20175)	22.96	22.40	21.41	19.33	
	1715 (20000)	22.97	22.29	21.30	19.37	

15MHz	1RB-High (74)	1747.5 (20325)	22.66	22.79	21.90	19.41
		1732.5 (20175)	22.74	22.73	21.98	19.37
		1717.5 (20025)	22.64	23.06	21.81	19.22
	1RB-Middle (37)	1747.5 (20325)	23.00	22.88	22.02	19.33
		1732.5 (20175)	22.67	22.87	21.96	19.36
		1717.5 (20025)	22.65	23.18	21.79	19.25
	1RB-Low (0)	1747.5 (20325)	22.74	23.08	21.56	19.37
		1732.5 (20175)	22.89	23.03	21.82	19.45
		1717.5 (20025)	22.80	23.09	22.30	19.30
	36RB-High (38)	1747.5 (20325)	22.89	22.08	21.11	19.18
		1732.5 (20175)	22.77	22.18	21.37	19.09
		1717.5 (20025)	22.83	22.23	21.25	19.06
	36RB-Middle (19)	1747.5 (20325)	22.88	21.99	21.05	19.17
		1732.5 (20175)	22.83	22.18	21.36	19.09
		1717.5 (20025)	22.87	22.18	21.22	19.10
	36RB-Low (0)	1747.5 (20325)	22.76	22.22	21.23	19.13
		1732.5 (20175)	22.84	22.25	21.15	19.06
		1717.5 (20025)	22.82	22.13	21.28	19.16
75RB (0)	1747.5 (20325)	22.81	22.13	21.17	19.07	
	1732.5 (20175)	22.86	22.12	21.26	19.08	
	1717.5 (20025)	22.86	22.23	21.25	19.14	
20MHz	1RB-High (99)	1745 (20300)	22.74	23.08	21.74	19.32
		1732.5 (20175)	22.72	23.36	21.96	19.24
		1720 (20050)	22.86	23.21	21.87	19.23
	1RB-Middle (50)	1745 (20300)	22.69	23.08	21.88	19.32
		1732.5 (20175)	22.87	22.98	21.79	19.17
		1720 (20050)	22.70	23.06	21.99	19.44
	1RB-Low (0)	1745 (20300)	22.99	23.18	22.34	19.48
		1732.5 (20175)	22.88	23.39	21.87	19.31
		1720 (20050)	22.85	23.13	22.25	19.21
	50RB-High (50)	1745 (20300)	22.81	22.01	21.10	19.17
		1732.5 (20175)	22.84	22.27	21.35	19.23
		1720 (20050)	22.82	22.12	21.39	19.12
	50RB-Middle (25)	1745 (20300)	22.85	22.15	21.22	19.17
		1732.5 (20175)	22.89	22.19	21.24	19.09
		1720 (20050)	22.91	22.18	21.28	19.17
	50RB-Low (0)	1745 (20300)	22.76	22.26	21.30	19.05
		1732.5 (20175)	22.82	22.26	21.27	19.04
		1720 (20050)	22.77	22.11	21.16	19.16
100RB (0)	1745 (20300)	22.78	22.20	21.28	19.07	
	1732.5 (20175)	22.84	22.33	21.33	19.20	
	1720 (20050)	22.91	22.30	21.41	19.16	

LTE Band4(ANT1 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	16.65	17.14	16.88	17.02
		1732.5 (20175)	16.76	16.85	16.91	16.73
		1710.7 (19957)	16.80	17.12	16.93	17.00
	1RB-Middle (3)	1754.3 (20393)	16.70	17.10	16.87	16.98
		1732.5 (20175)	16.79	17.02	17.01	16.90
		1710.7 (19957)	16.77	17.09	16.89	16.97
	1RB-Low (0)	1754.3 (20393)	16.72	17.00	16.84	16.88
		1732.5 (20175)	16.96	16.84	17.14	16.72
		1710.7 (19957)	16.90	17.07	16.89	16.95
	3RB-High (3)	1754.3 (20393)	16.80	17.09	16.90	16.97
		1732.5 (20175)	16.75	16.96	16.74	16.84
		1710.7 (19957)	16.81	16.86	16.98	16.74
	3RB-Middle (1)	1754.3 (20393)	16.70	17.00	16.88	16.88
		1732.5 (20175)	16.78	17.09	16.86	16.97
		1710.7 (19957)	16.76	17.14	16.86	17.02
	3RB-Low (0)	1754.3 (20393)	16.77	16.91	16.89	16.79
		1732.5 (20175)	16.80	16.93	16.96	16.81
		1710.7 (19957)	16.79	16.84	16.88	16.72
	6RB (0)	1754.3 (20393)	16.73	16.80	16.79	16.68
		1732.5 (20175)	16.80	16.83	16.85	16.71
		1710.7 (19957)	16.79	16.99	16.88	16.87
3MHz	1RB-High (14)	1753.5 (20385)	16.67	17.08	16.77	16.96
		1732.5 (20175)	16.66	17.02	16.80	16.90
		1711.5 (19965)	16.61	16.90	16.92	16.78
	1RB-Middle (7)	1753.5 (20385)	16.80	17.11	17.03	16.99
		1732.5 (20175)	16.78	16.87	17.02	16.75
		1711.5 (19965)	16.93	16.91	16.81	16.79
	1RB-Low (0)	1753.5 (20385)	16.66	17.05	16.93	16.93
		1732.5 (20175)	16.64	16.91	16.78	16.79
		1711.5 (19965)	16.80	17.01	17.03	16.89
	8RB-High (7)	1753.5 (20385)	16.78	16.86	16.91	16.74
		1732.5 (20175)	16.80	16.95	16.88	16.83
		1711.5 (19965)	16.87	16.93	16.87	16.81
	8RB-Middle (4)	1753.5 (20385)	16.84	16.89	16.89	16.77
		1732.5 (20175)	16.79	16.92	16.90	16.80
		1711.5 (19965)	16.91	16.93	16.87	16.81
	8RB-Low (0)	1753.5 (20385)	16.77	16.95	16.81	16.83
		1732.5 (20175)	16.73	16.86	16.75	16.74
		1711.5 (19965)	16.83	17.01	16.90	16.89
	15RB (0)	1753.5 (20385)	16.77	16.78	16.79	16.66
		1732.5 (20175)	16.75	16.85	16.87	16.73
		1711.5 (19965)	16.81	16.86	16.85	16.74

5MHz	1RB-High (24)	1752.5 (20375)	16.75	17.08	16.80	16.96
		1732.5 (20175)	16.80	16.89	16.79	16.77
		1712.5 (19975)	16.66	17.05	16.96	16.93
	1RB-Middle (12)	1752.5 (20375)	16.83	16.84	16.96	16.72
		1732.5 (20175)	16.78	16.81	17.04	16.69
		1712.5 (19975)	16.79	16.93	16.98	16.81
	1RB-Low (0)	1752.5 (20375)	16.71	17.09	16.98	16.97
		1732.5 (20175)	16.61	16.81	16.97	16.69
		1712.5 (19975)	16.77	16.85	16.82	16.73
	12RB-High (13)	1752.5 (20375)	16.83	16.93	16.82	16.81
		1732.5 (20175)	16.78	16.82	16.85	16.70
		1712.5 (19975)	16.86	16.90	16.85	16.78
	12RB-Middle (6)	1752.5 (20375)	16.86	16.90	16.83	16.78
		1732.5 (20175)	16.82	16.89	16.89	16.77
		1712.5 (19975)	16.86	16.98	16.90	16.86
	12RB-Low (0)	1752.5 (20375)	16.77	16.87	16.84	16.75
		1732.5 (20175)	16.71	16.76	16.81	16.64
		1712.5 (19975)	16.84	16.94	16.95	16.82
	25RB (0)	1752.5 (20375)	16.80	16.85	16.74	16.73
		1732.5 (20175)	16.79	16.89	16.86	16.77
		1712.5 (19975)	16.79	16.89	16.87	16.77
10MHz	1RB-High (49)	1750 (20350)	16.66	16.93	16.65	16.81
		1732.5 (20175)	16.73	16.86	16.91	16.74
		1715 (20000)	16.72	16.86	16.91	16.74
	1RB-Middle (24)	1750 (20350)	16.79	17.15	16.86	17.03
		1732.5 (20175)	16.72	17.10	16.99	16.98
		1715 (20000)	16.77	17.15	17.07	17.03
	1RB-Low (0)	1750 (20350)	16.68	17.07	17.11	16.95
		1732.5 (20175)	16.85	17.15	16.85	17.03
		1715 (20000)	16.82	16.89	16.86	16.77
	25RB-High (25)	1750 (20350)	16.86	16.87	16.82	16.75
		1732.5 (20175)	16.78	16.84	16.87	16.72
		1715 (20000)	16.86	16.94	16.89	16.82
	25RB-Middle (12)	1750 (20350)	16.75	16.81	16.83	16.69
		1732.5 (20175)	16.85	16.85	16.85	16.73
		1715 (20000)	16.84	16.93	16.90	16.81
	25RB-Low (0)	1750 (20350)	16.80	16.82	16.72	16.70
		1732.5 (20175)	16.85	16.74	16.78	16.62
		1715 (20000)	16.87	16.92	16.91	16.80
	50RB (0)	1750 (20350)	16.79	16.76	16.82	16.64
		1732.5 (20175)	16.91	16.91	16.83	16.79
		1715 (20000)	16.86	16.94	16.85	16.82

15MHz	1RB-High (74)	1747.5 (20325)	16.68	16.98	16.73	16.86
		1732.5 (20175)	16.55	16.94	16.82	16.82
		1717.5 (20025)	16.56	16.81	16.77	16.69
	1RB-Middle (37)	1747.5 (20325)	16.71	16.91	16.58	16.79
		1732.5 (20175)	16.66	16.93	16.63	16.81
		1717.5 (20025)	16.51	16.84	16.69	16.72
	1RB-Low (0)	1747.5 (20325)	16.52	16.94	16.85	16.82
		1732.5 (20175)	16.67	17.01	17.10	16.89
		1717.5 (20025)	16.59	16.88	16.83	16.76
	36RB-High (38)	1747.5 (20325)	16.73	16.78	16.69	16.66
		1732.5 (20175)	16.69	16.70	16.66	16.58
		1717.5 (20025)	16.62	16.67	16.71	16.55
	36RB-Middle (19)	1747.5 (20325)	16.70	16.77	16.76	16.65
		1732.5 (20175)	16.72	16.70	16.68	16.58
		1717.5 (20025)	16.67	16.71	16.71	16.59
	36RB-Low (0)	1747.5 (20325)	16.64	16.73	16.70	16.61
		1732.5 (20175)	16.64	16.67	16.64	16.55
		1717.5 (20025)	16.76	16.76	16.79	16.64
75RB (0)	1747.5 (20325)	16.68	16.68	16.65	16.56	
	1732.5 (20175)	16.74	16.69	16.71	16.57	
	1717.5 (20025)	16.73	16.74	16.75	16.62	
20MHz	1RB-High (99)	1745 (20300)	16.56	16.90	16.84	16.78
		1732.5 (20175)	16.59	16.83	16.65	16.71
		1720 (20050)	16.67	16.82	16.87	16.70
	1RB-Middle (50)	1745 (20300)	16.49	16.90	17.10	16.78
		1732.5 (20175)	16.49	16.77	16.89	16.65
		1720 (20050)	16.57	17.00	16.69	16.88
	1RB-Low (0)	1745 (20300)	16.56	17.04	17.12	16.92
		1732.5 (20175)	16.59	16.89	16.82	16.77
		1720 (20050)	16.59	16.80	16.92	16.68
	50RB-High (50)	1745 (20300)	16.66	16.77	16.78	16.65
		1732.5 (20175)	16.65	16.82	16.70	16.70
		1720 (20050)	16.69	16.72	16.62	16.60
	50RB-Middle (25)	1745 (20300)	16.77	16.77	16.73	16.65
		1732.5 (20175)	16.70	16.70	16.71	16.58
		1720 (20050)	16.76	16.77	16.77	16.65
	50RB-Low (0)	1745 (20300)	16.62	16.66	16.62	16.54
		1732.5 (20175)	16.63	16.65	16.77	16.53
		1720 (20050)	16.64	16.76	16.78	16.64
100RB (0)	1745 (20300)	16.57	16.68	16.70	16.56	
	1732.5 (20175)	16.70	16.79	16.72	16.67	
	1720 (20050)	16.69	16.76	16.79	16.64	

LTE Band4(ANT2 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	20.44	20.66	20.62	18.42
		1732.5 (20175)	20.41	20.70	20.53	18.11
		1710.7 (19957)	20.55	20.95	20.86	18.40
	1RB-Middle (3)	1754.3 (20393)	20.51	20.85	20.66	18.38
		1732.5 (20175)	20.48	20.92	20.94	18.29
		1710.7 (19957)	20.60	20.87	20.69	18.37
	1RB-Low (0)	1754.3 (20393)	20.39	20.85	20.54	18.27
		1732.5 (20175)	20.45	20.96	20.61	18.10
		1710.7 (19957)	20.65	20.91	20.86	18.35
	3RB-High (3)	1754.3 (20393)	20.47	20.52	20.46	18.37
		1732.5 (20175)	20.53	20.70	20.63	18.23
		1710.7 (19957)	20.64	20.84	20.65	18.12
	3RB-Middle (1)	1754.3 (20393)	20.45	20.55	20.38	18.27
		1732.5 (20175)	20.50	20.67	20.68	18.37
		1710.7 (19957)	20.64	20.97	20.75	18.42
	3RB-Low (0)	1754.3 (20393)	20.45	20.62	20.57	18.17
		1732.5 (20175)	20.49	20.70	20.67	18.20
		1710.7 (19957)	20.64	20.74	20.73	18.10
	6RB (0)	1754.3 (20393)	20.46	20.39	19.77	18.06
		1732.5 (20175)	20.45	20.61	20.14	18.09
		1710.7 (19957)	20.57	20.67	20.15	18.26
3MHz	1RB-High (14)	1753.5 (20385)	20.19	20.66	20.54	18.36
		1732.5 (20175)	20.36	20.99	20.61	18.29
		1711.5 (19965)	20.43	20.87	20.78	18.16
	1RB-Middle (7)	1753.5 (20385)	20.38	20.65	20.55	18.39
		1732.5 (20175)	20.40	20.86	20.88	18.13
		1711.5 (19965)	20.61	20.91	20.68	18.17
	1RB-Low (0)	1753.5 (20385)	20.15	20.76	20.44	18.33
		1732.5 (20175)	20.28	20.76	20.56	18.17
		1711.5 (19965)	20.41	20.92	20.55	18.28
	8RB-High (7)	1753.5 (20385)	20.29	20.54	19.88	18.12
		1732.5 (20175)	20.53	20.67	20.07	18.22
		1711.5 (19965)	20.64	20.75	20.13	18.20
	8RB-Middle (4)	1753.5 (20385)	20.37	20.54	19.99	18.15
		1732.5 (20175)	20.52	20.60	20.07	18.19
		1711.5 (19965)	20.64	20.69	20.19	18.20
	8RB-Low (0)	1753.5 (20385)	20.29	20.46	20.00	18.22
		1732.5 (20175)	20.52	20.51	20.08	18.12
		1711.5 (19965)	20.61	20.67	20.11	18.28
	15RB (0)	1753.5 (20385)	20.36	20.45	19.85	18.03
		1732.5 (20175)	20.41	20.56	19.29	18.11
		1711.5 (19965)	20.63	20.62	20.11	18.12

5MHz	1RB-High (24)	1752.5 (20375)	20.28	20.51	20.38	18.36
		1732.5 (20175)	20.37	20.67	20.54	18.15
		1712.5 (19975)	20.41	20.82	20.76	18.33
	1RB-Middle (12)	1752.5 (20375)	20.33	20.74	20.54	18.10
		1732.5 (20175)	20.55	20.96	20.72	18.07
		1712.5 (19975)	20.53	20.92	20.92	18.20
	1RB-Low (0)	1752.5 (20375)	20.20	20.86	20.60	18.37
		1732.5 (20175)	20.48	20.90	20.67	18.07
		1712.5 (19975)	20.61	20.85	20.78	18.11
	12RB-High (13)	1752.5 (20375)	20.31	20.42	19.84	18.20
		1732.5 (20175)	20.49	20.63	20.03	18.08
		1712.5 (19975)	20.57	20.65	20.13	18.16
	12RB-Middle (6)	1752.5 (20375)	20.42	20.44	19.94	18.16
		1732.5 (20175)	20.47	20.48	20.04	18.15
		1712.5 (19975)	20.66	20.68	20.17	18.25
	12RB-Low (0)	1752.5 (20375)	20.35	20.47	19.95	18.13
		1732.5 (20175)	20.44	20.52	19.92	18.01
		1712.5 (19975)	20.64	20.68	20.09	18.21
25RB (0)	1752.5 (20375)	20.38	20.48	19.90	18.11	
	1732.5 (20175)	20.41	20.46	19.90	18.15	
	1712.5 (19975)	20.59	20.65	20.09	18.15	
10MHz	1RB-High (49)	1750 (20350)	20.21	20.62	20.50	18.20
		1732.5 (20175)	20.38	20.82	20.62	18.12
		1715 (20000)	20.44	20.88	20.58	18.12
	1RB-Middle (24)	1750 (20350)	20.34	20.54	20.76	18.43
		1732.5 (20175)	20.34	20.91	20.55	18.38
		1715 (20000)	20.53	20.94	20.64	18.43
	1RB-Low (0)	1750 (20350)	20.22	20.95	20.60	18.35
		1732.5 (20175)	20.38	20.95	20.56	18.43
		1715 (20000)	20.56	20.93	20.59	18.15
	25RB-High (25)	1750 (20350)	20.42	20.48	19.96	18.13
		1732.5 (20175)	20.49	20.51	20.11	18.10
		1715 (20000)	20.46	20.65	20.11	18.21
	25RB-Middle (12)	1750 (20350)	20.32	20.40	19.97	18.07
		1732.5 (20175)	20.49	20.54	20.08	18.11
		1715 (20000)	20.69	20.62	20.18	18.20
	25RB-Low (0)	1750 (20350)	20.31	20.46	19.85	18.08
		1732.5 (20175)	20.54	20.47	19.99	17.99
		1715 (20000)	20.55	20.66	20.15	18.19
50RB (0)	1750 (20350)	20.32	20.35	19.87	18.01	
	1732.5 (20175)	20.45	20.48	20.05	18.17	
	1715 (20000)	20.59	20.61	20.14	18.21	

15MHz	1RB-High (74)	1747.5 (20325)	20.15	20.63	20.20	18.25
		1732.5 (20175)	20.37	20.53	20.30	18.21
		1717.5 (20025)	20.29	20.85	20.60	18.07
	1RB-Middle (37)	1747.5 (20325)	20.04	20.54	20.38	18.17
		1732.5 (20175)	20.20	20.61	20.56	18.20
		1717.5 (20025)	20.37	20.66	20.54	18.10
	1RB-Low (0)	1747.5 (20325)	20.17	20.66	20.56	18.21
		1732.5 (20175)	20.24	20.87	20.59	18.28
		1717.5 (20025)	20.45	20.61	20.64	18.14
	36RB-High (38)	1747.5 (20325)	20.23	20.32	19.81	18.03
		1732.5 (20175)	20.50	20.52	20.00	17.95
		1717.5 (20025)	20.49	20.56	20.09	17.92
	36RB-Middle (19)	1747.5 (20325)	20.34	20.37	19.84	18.02
		1732.5 (20175)	20.34	20.44	19.87	17.95
		1717.5 (20025)	20.52	20.52	19.97	17.96
	36RB-Low (0)	1747.5 (20325)	20.23	20.33	19.82	17.98
		1732.5 (20175)	20.39	20.43	19.95	17.92
		1717.5 (20025)	20.45	20.54	20.02	18.01
75RB (0)	1747.5 (20325)	20.35	20.27	19.86	17.93	
	1732.5 (20175)	20.38	20.33	19.91	17.94	
	1717.5 (20025)	20.50	20.55	20.02	17.99	
20MHz	1RB-High (99)	1745 (20300)	20.24	20.45	20.66	18.16
		1732.5 (20175)	20.33	20.49	20.92	18.09
		1720 (20050)	20.51	20.64	20.81	18.08
	1RB-Middle (50)	1745 (20300)	20.33	20.56	20.53	18.16
		1732.5 (20175)	20.39	20.80	20.43	18.02
		1720 (20050)	20.35	20.58	20.50	18.27
	1RB-Low (0)	1745 (20300)	20.40	20.54	20.51	18.32
		1732.5 (20175)	20.30	20.79	20.77	18.15
		1720 (20050)	20.34	20.72	20.50	18.06
	50RB-High (50)	1745 (20300)	20.33	20.45	19.94	18.02
		1732.5 (20175)	20.39	20.46	20.10	18.08
		1720 (20050)	20.50	20.51	20.09	17.97
	50RB-Middle (25)	1745 (20300)	20.32	20.38	19.98	18.02
		1732.5 (20175)	20.42	20.38	20.03	17.95
		1720 (20050)	20.57	20.48	20.10	18.02
	50RB-Low (0)	1745 (20300)	20.37	20.35	19.93	17.90
		1732.5 (20175)	20.36	20.47	20.14	17.89
		1720 (20050)	20.45	20.44	20.08	18.01
100RB (0)	1745 (20300)	20.25	20.39	19.97	17.93	
	1732.5 (20175)	20.38	20.49	19.99	18.05	
	1720 (20050)	20.51	20.57	20.16	18.01	

LTE Band4(ANT2 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	20.94	21.37	21.14	18.60
		1732.5 (20175)	21.20	21.30	21.36	18.28
		1710.7 (19957)	21.20	21.34	21.32	18.58
	1RB-Middle (3)	1754.3 (20393)	21.00	21.37	21.10	18.55
		1732.5 (20175)	21.13	21.27	21.46	18.47
		1710.7 (19957)	21.28	21.40	21.47	18.54
	1RB-Low (0)	1754.3 (20393)	20.96	21.35	21.19	18.44
		1732.5 (20175)	21.14	21.23	21.39	18.27
		1710.7 (19957)	21.21	21.50	21.50	18.52
	3RB-High (3)	1754.3 (20393)	20.99	21.22	21.23	18.54
		1732.5 (20175)	21.22	21.31	21.22	18.40
		1710.7 (19957)	21.31	21.45	21.23	18.29
	3RB-Middle (1)	1754.3 (20393)	21.07	21.21	21.31	18.44
		1732.5 (20175)	21.26	21.30	21.22	18.54
		1710.7 (19957)	21.30	21.44	21.29	18.60
	3RB-Low (0)	1754.3 (20393)	21.07	21.17	21.12	18.35
		1732.5 (20175)	21.19	21.30	21.41	18.37
		1710.7 (19957)	21.27	21.49	21.40	18.27
	6RB (0)	1754.3 (20393)	21.01	21.02	21.03	18.23
		1732.5 (20175)	21.26	21.22	21.10	18.26
		1710.7 (19957)	21.31	21.41	21.27	18.43
3MHz	1RB-High (14)	1753.5 (20385)	21.11	21.33	21.21	18.53
		1732.5 (20175)	21.17	21.24	21.22	18.47
		1711.5 (19965)	21.13	21.24	21.33	18.33
	1RB-Middle (7)	1753.5 (20385)	21.12	21.39	21.35	18.56
		1732.5 (20175)	21.25	21.50	21.47	18.30
		1711.5 (19965)	21.22	21.40	21.35	18.35
	1RB-Low (0)	1753.5 (20385)	21.06	21.34	21.09	18.50
		1732.5 (20175)	21.07	21.39	21.31	18.35
		1711.5 (19965)	21.24	21.40	21.47	18.45
	8RB-High (7)	1753.5 (20385)	21.25	21.12	21.09	18.29
		1732.5 (20175)	21.28	21.25	21.22	18.39
		1711.5 (19965)	21.32	21.33	21.34	18.37
	8RB-Middle (4)	1753.5 (20385)	21.23	21.07	21.09	18.32
		1732.5 (20175)	21.31	21.28	21.20	18.36
		1711.5 (19965)	21.35	21.36	21.28	18.37
	8RB-Low (0)	1753.5 (20385)	21.18	21.08	20.98	18.39
		1732.5 (20175)	21.19	21.25	21.11	18.29
		1711.5 (19965)	21.30	21.34	21.24	18.45
	15RB (0)	1753.5 (20385)	21.11	21.07	21.03	18.20
		1732.5 (20175)	21.21	21.11	21.11	18.28
		1711.5 (19965)	21.23	21.23	21.21	18.29

5MHz	1RB-High (24)	1752.5 (20375)	21.15	21.36	21.31	18.53
		1732.5 (20175)	21.09	21.50	21.18	18.32
		1712.5 (19975)	21.22	21.36	21.35	18.50
	1RB-Middle (12)	1752.5 (20375)	21.15	21.35	21.25	18.27
		1732.5 (20175)	21.26	21.26	21.41	18.24
		1712.5 (19975)	21.25	21.38	21.46	18.37
	1RB-Low (0)	1752.5 (20375)	21.11	21.32	21.24	18.54
		1732.5 (20175)	21.08	21.24	21.31	18.24
		1712.5 (19975)	21.19	21.43	21.30	18.28
	12RB-High (13)	1752.5 (20375)	21.17	21.06	21.12	18.37
		1732.5 (20175)	21.25	21.28	21.13	18.25
		1712.5 (19975)	21.28	21.23	21.32	18.33
	12RB-Middle (6)	1752.5 (20375)	21.22	21.13	21.07	18.33
		1732.5 (20175)	21.15	21.04	21.18	18.32
		1712.5 (19975)	21.30	21.26	21.30	18.42
	12RB-Low (0)	1752.5 (20375)	21.16	21.12	21.04	18.30
		1732.5 (20175)	21.20	21.18	21.10	18.18
		1712.5 (19975)	21.33	21.30	21.29	18.38
	25RB (0)	1752.5 (20375)	21.11	21.07	21.07	18.28
		1732.5 (20175)	21.16	21.02	21.19	18.32
		1712.5 (19975)	21.36	21.30	21.25	18.32
10MHz	1RB-High (49)	1750 (20350)	21.10	21.41	21.27	18.37
		1732.5 (20175)	21.17	21.38	21.36	18.29
		1715 (20000)	21.19	21.50	21.27	18.29
	1RB-Middle (24)	1750 (20350)	21.05	21.50	21.22	18.61
		1732.5 (20175)	21.28	21.36	21.33	18.55
		1715 (20000)	21.24	21.48	21.40	18.61
	1RB-Low (0)	1750 (20350)	21.07	21.21	21.50	18.52
		1732.5 (20175)	21.25	21.39	21.28	18.61
		1715 (20000)	21.26	21.34	21.21	18.32
	25RB-High (25)	1750 (20350)	21.20	21.11	21.12	18.30
		1732.5 (20175)	21.26	21.11	21.33	18.27
		1715 (20000)	21.31	21.16	21.17	18.38
	25RB-Middle (12)	1750 (20350)	21.19	21.08	20.95	18.24
		1732.5 (20175)	21.22	21.15	21.13	18.28
		1715 (20000)	21.36	21.24	21.11	18.37
	25RB-Low (0)	1750 (20350)	21.19	21.02	21.00	18.25
		1732.5 (20175)	21.25	21.13	21.14	18.16
		1715 (20000)	21.35	21.17	21.22	18.36
	50RB (0)	1750 (20350)	21.07	21.07	21.04	18.18
		1732.5 (20175)	21.18	21.10	21.16	18.35
		1715 (20000)	21.30	21.28	21.13	18.38

15MHz	1RB-High (74)	1747.5 (20325)	20.97	21.28	21.04	18.42
		1732.5 (20175)	20.95	21.32	21.32	18.38
		1717.5 (20025)	21.11	21.47	21.36	18.24
	1RB-Middle (37)	1747.5 (20325)	20.92	21.40	21.22	18.35
		1732.5 (20175)	21.15	21.44	21.12	18.37
		1717.5 (20025)	21.09	21.42	21.20	18.27
	1RB-Low (0)	1747.5 (20325)	21.09	21.36	21.11	18.38
		1732.5 (20175)	21.21	21.37	21.25	18.45
		1717.5 (20025)	21.06	21.33	21.24	18.31
	36RB-High (38)	1747.5 (20325)	21.01	21.00	20.92	18.20
		1732.5 (20175)	21.17	20.94	20.92	18.12
		1717.5 (20025)	21.16	20.99	21.01	18.08
	36RB-Middle (19)	1747.5 (20325)	21.09	21.05	20.94	18.19
		1732.5 (20175)	21.13	21.03	20.88	18.12
		1717.5 (20025)	21.22	20.99	21.04	18.13
	36RB-Low (0)	1747.5 (20325)	21.02	20.85	20.92	18.15
		1732.5 (20175)	21.12	20.95	20.98	18.08
		1717.5 (20025)	21.22	21.03	21.06	18.18
75RB (0)	1747.5 (20325)	20.90	20.91	20.86	18.09	
	1732.5 (20175)	21.17	20.93	20.84	18.11	
	1717.5 (20025)	21.24	21.00	21.02	18.16	
20MHz	1RB-High (99)	1745 (20300)	21.04	21.33	21.25	18.33
		1732.5 (20175)	21.05	21.25	21.18	18.26
		1720 (20050)	21.11	21.26	21.44	18.25
	1RB-Middle (50)	1745 (20300)	21.02	21.16	21.13	18.33
		1732.5 (20175)	21.05	21.37	21.32	18.19
		1720 (20050)	21.03	21.30	21.45	18.44
	1RB-Low (0)	1745 (20300)	21.06	21.36	21.39	18.49
		1732.5 (20175)	21.07	21.34	21.21	18.32
		1720 (20050)	21.10	21.41	21.18	18.23
	50RB-High (50)	1745 (20300)	21.00	20.96	20.85	18.19
		1732.5 (20175)	21.13	20.95	20.92	18.25
		1720 (20050)	21.19	21.03	21.02	18.14
	50RB-Middle (25)	1745 (20300)	21.00	20.88	21.04	18.19
		1732.5 (20175)	21.13	20.99	20.91	18.12
		1720 (20050)	21.21	21.01	20.99	18.19
	50RB-Low (0)	1745 (20300)	21.05	20.81	20.92	18.07
		1732.5 (20175)	21.16	21.06	20.97	18.06
		1720 (20050)	21.19	20.96	20.93	18.18
100RB (0)	1745 (20300)	21.14	20.94	20.99	18.09	
	1732.5 (20175)	21.12	20.92	20.89	18.21	
	1720 (20050)	21.20	21.06	21.02	18.18	

LTE Band4(ANT2 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	15.44	15.66	15.83	15.53
		1732.5 (20175)	15.56	15.74	15.97	15.27
		1710.7 (19957)	15.74	15.82	15.93	15.51
	1RB-Middle (3)	1754.3 (20393)	15.48	15.63	15.75	15.50
		1732.5 (20175)	15.59	15.95	15.94	15.43
		1710.7 (19957)	15.82	15.90	16.00	15.49
	1RB-Low (0)	1754.3 (20393)	15.47	15.71	15.84	15.41
		1732.5 (20175)	15.59	15.72	15.91	15.26
		1710.7 (19957)	15.69	15.74	15.92	15.47
	3RB-High (3)	1754.3 (20393)	15.39	15.40	15.83	15.49
		1732.5 (20175)	15.63	15.57	15.92	15.37
		1710.7 (19957)	15.68	15.76	16.00	15.28
	3RB-Middle (1)	1754.3 (20393)	15.52	15.49	15.77	15.41
		1732.5 (20175)	15.61	15.51	15.92	15.49
		1710.7 (19957)	15.75	15.70	15.94	15.53
	3RB-Low (0)	1754.3 (20393)	15.40	15.47	15.80	15.32
		1732.5 (20175)	15.59	15.59	15.90	15.34
		1710.7 (19957)	15.74	15.64	15.99	15.26
	6RB (0)	1754.3 (20393)	15.48	15.49	15.98	15.22
		1732.5 (20175)	15.60	15.51	15.89	15.25
		1710.7 (19957)	15.77	15.59	15.96	15.40
3MHz	1RB-High (14)	1753.5 (20385)	15.35	15.49	15.78	15.48
		1732.5 (20175)	15.56	15.98	15.94	15.43
		1711.5 (19965)	15.70	15.94	15.99	15.31
	1RB-Middle (7)	1753.5 (20385)	15.45	15.99	16.00	15.50
		1732.5 (20175)	15.62	15.69	16.00	15.29
		1711.5 (19965)	15.61	15.94	16.00	15.32
	1RB-Low (0)	1753.5 (20385)	15.40	15.55	15.88	15.45
		1732.5 (20175)	15.56	15.66	15.91	15.32
		1711.5 (19965)	15.75	15.83	15.93	15.42
	8RB-High (7)	1753.5 (20385)	15.49	15.45	15.89	15.28
		1732.5 (20175)	15.63	15.57	15.98	15.36
		1711.5 (19965)	15.76	15.64	15.99	15.34
	8RB-Middle (4)	1753.5 (20385)	15.52	15.41	15.97	15.31
		1732.5 (20175)	15.69	15.69	15.94	15.33
		1711.5 (19965)	15.79	15.74	15.96	15.34
	8RB-Low (0)	1753.5 (20385)	15.51	15.44	15.84	15.36
		1732.5 (20175)	15.59	15.57	15.93	15.28
		1711.5 (19965)	15.75	15.77	15.91	15.42
	15RB (0)	1753.5 (20385)	15.48	15.28	15.80	15.20
		1732.5 (20175)	15.59	15.51	15.93	15.27
		1711.5 (19965)	15.78	15.57	15.94	15.28

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	1752.5 (20375)	15.37	15.54	15.86	15.48
		1732.5 (20175)	15.55	15.63	15.98	15.31
		1712.5 (19975)	15.76	15.81	15.95	15.45
	1RB-Middle (12)	1752.5 (20375)	15.46	15.54	15.98	15.26
		1732.5 (20175)	15.69	15.79	15.97	15.24
		1712.5 (19975)	15.77	15.97	15.93	15.34
	1RB-Low (0)	1752.5 (20375)	15.60	15.82	15.95	15.49
		1732.5 (20175)	15.54	15.66	15.97	15.24
		1712.5 (19975)	15.83	15.94	15.94	15.27
	12RB-High (13)	1752.5 (20375)	15.46	15.46	15.84	15.34
		1732.5 (20175)	15.62	15.50	15.99	15.25
		1712.5 (19975)	15.74	15.72	15.91	15.31
	12RB-Middle (6)	1752.5 (20375)	15.52	15.38	15.93	15.31
		1732.5 (20175)	15.60	15.53	15.98	15.31
		1712.5 (19975)	15.80	15.65	16.03	15.38
	12RB-Low (0)	1752.5 (20375)	15.50	15.44	15.92	15.29
		1732.5 (20175)	15.50	15.48	15.92	15.18
		1712.5 (19975)	15.80	15.67	16.00	15.35
	25RB (0)	1752.5 (20375)	15.59	15.36	15.84	15.27
		1732.5 (20175)	15.59	15.54	16.00	15.31
		1712.5 (19975)	15.68	15.67	15.93	15.31
10MHz	1RB-High (49)	1750 (20350)	15.58	15.84	15.93	15.34
		1732.5 (20175)	15.52	15.70	15.98	15.28
		1715 (20000)	15.68	15.68	15.98	15.28
	1RB-Middle (24)	1750 (20350)	15.70	15.77	15.90	15.54
		1732.5 (20175)	15.63	15.88	15.94	15.50
		1715 (20000)	15.81	15.96	15.92	15.54
	1RB-Low (0)	1750 (20350)	15.54	15.82	15.94	15.47
		1732.5 (20175)	15.60	15.99	15.94	15.54
		1715 (20000)	15.75	15.95	15.74	15.31
	25RB-High (25)	1750 (20350)	15.70	15.40	15.86	15.29
		1732.5 (20175)	15.66	15.54	15.92	15.26
		1715 (20000)	15.73	15.68	15.99	15.35
	25RB-Middle (12)	1750 (20350)	15.64	15.44	15.79	15.24
		1732.5 (20175)	15.62	15.50	15.95	15.27
		1715 (20000)	15.84	15.70	15.96	15.34
	25RB-Low (0)	1750 (20350)	15.52	15.33	15.90	15.25
		1732.5 (20175)	15.73	15.54	15.99	15.17
		1715 (20000)	15.74	15.61	15.82	15.33
	50RB (0)	1750 (20350)	15.62	15.41	15.80	15.18
		1732.5 (20175)	15.58	15.46	15.90	15.32
		1715 (20000)	15.77	15.65	15.91	15.35

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
15MHz	1RB-High (74)	1747.5 (20325)	15.42	15.50	15.70	15.38
		1732.5 (20175)	15.39	15.72	15.97	15.35
		1717.5 (20025)	15.81	15.64	15.91	15.24
	1RB-Middle (37)	1747.5 (20325)	15.42	15.36	15.99	15.32
		1732.5 (20175)	15.45	16.10	15.66	15.34
		1717.5 (20025)	15.55	15.65	15.92	15.26
	1RB-Low (0)	1747.5 (20325)	15.50	15.84	15.54	15.35
		1732.5 (20175)	15.51	15.91	15.88	15.42
		1717.5 (20025)	15.71	15.74	15.91	15.30
	36RB-High (38)	1747.5 (20325)	15.52	15.29	15.71	15.20
		1732.5 (20175)	15.59	15.40	15.88	15.13
		1717.5 (20025)	15.73	15.48	15.94	15.11
	36RB-Middle (19)	1747.5 (20325)	15.46	15.26	15.71	15.19
		1732.5 (20175)	15.42	15.33	15.70	15.13
		1717.5 (20025)	15.64	15.51	16.00	15.14
	36RB-Low (0)	1747.5 (20325)	15.49	15.22	15.66	15.16
		1732.5 (20175)	15.60	15.24	15.80	15.11
		1717.5 (20025)	15.61	15.37	15.93	15.18
	75RB (0)	1747.5 (20325)	15.51	15.35	15.81	15.12
		1732.5 (20175)	15.56	15.35	15.75	15.12
		1717.5 (20025)	15.61	15.45	15.93	15.17
20MHz	1RB-High (99)	1745 (20300)	15.36	15.50	15.68	15.31
		1732.5 (20175)	15.47	15.75	15.70	15.25
		1720 (20050)	15.68	15.63	15.85	15.25
	1RB-Middle (50)	1745 (20300)	15.37	15.63	15.53	15.31
		1732.5 (20175)	15.46	15.88	15.68	15.19
		1720 (20050)	15.49	15.83	15.60	15.41
	1RB-Low (0)	1745 (20300)	15.40	15.99	15.41	15.44
		1732.5 (20175)	15.51	15.96	15.67	15.31
		1720 (20050)	15.64	15.87	15.94	15.22
	50RB-High (50)	1745 (20300)	15.44	15.55	15.46	15.19
		1732.5 (20175)	15.51	15.61	15.57	15.25
		1720 (20050)	15.56	15.53	15.61	15.15
	50RB-Middle (25)	1745 (20300)	15.43	15.51	15.40	15.19
		1732.5 (20175)	15.48	15.48	15.45	15.13
		1720 (20050)	15.69	15.62	15.62	15.19
	50RB-Low (0)	1745 (20300)	15.42	15.41	15.45	15.10
		1732.5 (20175)	15.53	15.60	15.47	15.09
		1720 (20050)	15.62	15.55	15.60	15.18
	100RB (0)	1745 (20300)	15.45	15.44	15.46	15.12
		1732.5 (20175)	15.37	15.47	15.47	15.21
		1720 (20050)	15.69	15.59	15.55	15.18

LTE Band4(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	14.35	14.72	14.44	14.61
		1732.5 (20175)	14.47	14.80	14.66	14.36
		1710.7 (19957)	14.63	14.87	14.53	14.59
	1RB-Middle (3)	1754.3 (20393)	14.39	14.69	14.36	14.58
		1732.5 (20175)	14.49	14.99	14.69	14.51
		1710.7 (19957)	14.71	14.95	14.68	14.57
	1RB-Low (0)	1754.3 (20393)	14.38	14.77	14.45	14.49
		1732.5 (20175)	14.49	14.78	14.60	14.35
		1710.7 (19957)	14.59	14.80	14.77	14.55
	3RB-High (3)	1754.3 (20393)	14.31	14.48	14.44	14.57
		1732.5 (20175)	14.53	14.64	14.52	14.46
		1710.7 (19957)	14.58	14.81	14.68	14.37
	3RB-Middle (1)	1754.3 (20393)	14.43	14.56	14.38	14.49
		1732.5 (20175)	14.51	14.58	14.68	14.57
		1710.7 (19957)	14.64	14.76	14.63	14.61
	3RB-Low (0)	1754.3 (20393)	14.32	14.54	14.41	14.41
		1732.5 (20175)	14.49	14.65	14.50	14.43
		1710.7 (19957)	14.63	14.70	14.58	14.35
	6RB (0)	1754.3 (20393)	14.39	14.56	14.57	14.32
		1732.5 (20175)	14.50	14.58	14.49	14.34
		1710.7 (19957)	14.66	14.65	14.65	14.48
3MHz	1RB-High (14)	1753.5 (20385)	14.27	14.56	14.39	14.56
		1732.5 (20175)	14.47	15.02	14.54	14.51
		1711.5 (19965)	14.60	14.98	14.67	14.40
	1RB-Middle (7)	1753.5 (20385)	14.36	15.03	14.59	14.58
		1732.5 (20175)	14.52	14.75	14.59	14.38
		1711.5 (19965)	14.51	14.98	14.59	14.41
	1RB-Low (0)	1753.5 (20385)	14.32	14.62	14.48	14.53
		1732.5 (20175)	14.47	14.72	14.60	14.41
		1711.5 (19965)	14.64	14.88	14.82	14.50
	8RB-High (7)	1753.5 (20385)	14.40	14.52	14.49	14.37
		1732.5 (20175)	14.53	14.64	14.57	14.45
		1711.5 (19965)	14.65	14.70	14.67	14.43
	8RB-Middle (4)	1753.5 (20385)	14.43	14.49	14.56	14.40
		1732.5 (20175)	14.59	14.75	14.54	14.42
		1711.5 (19965)	14.68	14.80	14.65	14.43
	8RB-Low (0)	1753.5 (20385)	14.42	14.51	14.45	14.45
		1732.5 (20175)	14.49	14.64	14.53	14.37
		1711.5 (19965)	14.64	14.82	14.70	14.50
	15RB (0)	1753.5 (20385)	14.39	14.36	14.41	14.30
		1732.5 (20175)	14.49	14.58	14.62	14.36
		1711.5 (19965)	14.67	14.64	14.63	14.37

5MHz	1RB-High (24)	1752.5 (20375)	14.29	14.61	14.46	14.56
		1732.5 (20175)	14.46	14.69	14.57	14.40
		1712.5 (19975)	14.65	14.86	14.73	14.53
	1RB-Middle (12)	1752.5 (20375)	14.37	14.61	14.57	14.35
		1732.5 (20175)	14.59	14.84	14.75	14.33
		1712.5 (19975)	14.66	15.01	14.89	14.43
	1RB-Low (0)	1752.5 (20375)	14.50	14.87	14.64	14.57
		1732.5 (20175)	14.45	14.72	14.56	14.33
		1712.5 (19975)	14.72	14.98	14.54	14.36
	12RB-High (13)	1752.5 (20375)	14.37	14.53	14.45	14.43
		1732.5 (20175)	14.52	14.57	14.58	14.34
		1712.5 (19975)	14.63	14.78	14.75	14.40
	12RB-Middle (6)	1752.5 (20375)	14.43	14.46	14.53	14.40
		1732.5 (20175)	14.50	14.60	14.57	14.40
		1712.5 (19975)	14.69	14.71	14.71	14.47
	12RB-Low (0)	1752.5 (20375)	14.41	14.51	14.52	14.38
		1732.5 (20175)	14.41	14.55	14.52	14.28
		1712.5 (19975)	14.69	14.73	14.69	14.44
25RB (0)	1752.5 (20375)	14.49	14.44	14.45	14.36	
	1732.5 (20175)	14.49	14.61	14.59	14.40	
	1712.5 (19975)	14.58	14.73	14.71	14.40	
10MHz	1RB-High (49)	1750 (20350)	14.48	14.89	14.62	14.43
		1732.5 (20175)	14.43	14.76	14.57	14.37
		1715 (20000)	14.58	14.74	14.75	14.37
	1RB-Middle (24)	1750 (20350)	14.60	14.82	14.50	14.62
		1732.5 (20175)	14.53	14.93	14.63	14.58
		1715 (20000)	14.70	15.00	14.84	14.62
	1RB-Low (0)	1750 (20350)	14.45	14.87	14.54	14.55
		1732.5 (20175)	14.50	15.03	14.63	14.62
		1715 (20000)	14.64	14.99	15.09	14.40
	25RB-High (25)	1750 (20350)	14.60	14.48	14.46	14.38
		1732.5 (20175)	14.56	14.61	14.61	14.35
		1715 (20000)	14.62	14.74	14.67	14.44
	25RB-Middle (12)	1750 (20350)	14.54	14.51	14.40	14.33
		1732.5 (20175)	14.52	14.57	14.55	14.36
		1715 (20000)	14.73	14.76	14.65	14.43
	25RB-Low (0)	1750 (20350)	14.43	14.41	14.50	14.34
		1732.5 (20175)	14.62	14.61	14.58	14.27
		1715 (20000)	14.63	14.67	14.77	14.42
50RB (0)	1750 (20350)	14.52	14.49	14.41	14.28	
	1732.5 (20175)	14.48	14.53	14.50	14.41	
	1715 (20000)	14.66	14.71	14.60	14.44	

15MHz	1RB-High (74)	1747.5 (20325)	14.34	14.57	14.32	14.47
		1732.5 (20175)	14.31	14.78	14.66	14.44
		1717.5 (20025)	14.70	14.70	14.75	14.33
	1RB-Middle (37)	1747.5 (20325)	14.34	14.44	14.58	14.41
		1732.5 (20175)	14.36	15.13	14.28	14.43
		1717.5 (20025)	14.46	14.71	14.61	14.35
	1RB-Low (0)	1747.5 (20325)	14.41	14.89	14.17	14.44
		1732.5 (20175)	14.42	14.96	14.48	14.50
		1717.5 (20025)	14.61	14.80	14.60	14.39
	36RB-High (38)	1747.5 (20325)	14.43	14.37	14.33	14.30
		1732.5 (20175)	14.49	14.48	14.48	14.23
		1717.5 (20025)	14.62	14.55	14.54	14.21
	36RB-Middle (19)	1747.5 (20325)	14.37	14.34	14.33	14.29
		1732.5 (20175)	14.34	14.41	14.32	14.23
		1717.5 (20025)	14.54	14.58	14.59	14.24
	36RB-Low (0)	1747.5 (20325)	14.40	14.31	14.28	14.26
		1732.5 (20175)	14.50	14.33	14.41	14.21
		1717.5 (20025)	14.51	14.45	14.53	14.28
75RB (0)	1747.5 (20325)	14.42	14.43	14.42	14.22	
	1732.5 (20175)	14.47	14.43	14.36	14.22	
	1717.5 (20025)	14.51	14.52	14.53	14.27	
20MHz	1RB-High (99)	1745 (20300)	14.28	14.57	14.30	14.40
		1732.5 (20175)	14.30	14.74	14.51	14.34
		1720 (20050)	14.63	14.58	14.84	14.34
	1RB-Middle (50)	1745 (20300)	14.42	14.85	14.35	14.40
		1732.5 (20175)	14.63	14.94	15.08	14.29
		1720 (20050)	14.48	14.57	14.65	14.49
	1RB-Low (0)	1745 (20300)	14.62	15.19	14.48	14.52
		1732.5 (20175)	14.65	14.74	14.47	14.40
		1720 (20050)	14.61	14.82	14.58	14.32
	50RB-High (50)	1745 (20300)	14.43	14.46	14.42	14.29
		1732.5 (20175)	14.41	14.48	14.44	14.34
		1720 (20050)	14.54	14.55	14.57	14.25
	50RB-Middle (25)	1745 (20300)	14.38	14.31	14.38	14.29
		1732.5 (20175)	14.48	14.39	14.45	14.23
		1720 (20050)	14.67	14.51	14.53	14.29
	50RB-Low (0)	1745 (20300)	14.34	14.38	14.43	14.20
		1732.5 (20175)	14.48	14.43	14.38	14.19
		1720 (20050)	14.58	14.48	14.51	14.28
100RB (0)	1745 (20300)	14.36	14.33	14.27	14.22	
	1732.5 (20175)	14.33	14.41	14.47	14.31	
	1720 (20050)	14.51	14.62	14.47	14.28	

LTE Band4(ANT8 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	17.96	18.17	17.87	15.10
		1732.5 (20175)	17.93	18.37	18.05	15.25
		1710.7 (19957)	17.92	18.27	18.10	15.29
	1RB-Middle (3)	1754.3 (20393)	17.92	18.32	17.98	15.19
		1732.5 (20175)	17.93	18.46	18.47	15.60
		1710.7 (19957)	17.93	18.12	18.06	15.26
	1RB-Low (0)	1754.3 (20393)	17.92	18.46	17.98	15.19
		1732.5 (20175)	17.93	18.44	17.98	15.19
		1710.7 (19957)	17.78	18.26	17.93	15.15
	3RB-High (3)	1754.3 (20393)	17.94	18.15	17.97	15.18
		1732.5 (20175)	17.95	18.05	17.96	15.17
		1710.7 (19957)	17.95	17.91	17.94	15.16
	3RB-Middle (1)	1754.3 (20393)	17.89	18.09	18.09	15.28
		1732.5 (20175)	17.96	17.96	18.01	15.22
		1710.7 (19957)	17.94	18.06	17.90	15.12
	3RB-Low (0)	1754.3 (20393)	17.94	18.04	18.00	15.21
		1732.5 (20175)	17.85	18.07	18.02	15.22
		1710.7 (19957)	17.98	18.00	18.09	15.28
	6RB (0)	1754.3 (20393)	17.88	17.94	16.87	15.10
		1732.5 (20175)	17.92	17.95	16.92	15.14
		1710.7 (19957)	17.95	17.92	16.91	15.13
3MHz	1RB-High (14)	1753.5 (20385)	18.00	18.22	17.95	15.16
		1732.5 (20175)	17.82	18.16	18.17	15.35
		1711.5 (19965)	17.74	18.08	17.92	15.14
	1RB-Middle (7)	1753.5 (20385)	17.95	18.12	18.12	15.31
		1732.5 (20175)	17.88	18.39	17.99	15.20
		1711.5 (19965)	17.89	18.16	18.04	15.24
	1RB-Low (0)	1753.5 (20385)	18.07	18.30	18.04	15.24
		1732.5 (20175)	17.94	18.22	17.93	15.15
		1711.5 (19965)	17.75	18.26	17.89	15.11
	8RB-High (7)	1753.5 (20385)	18.01	18.04	16.99	15.20
		1732.5 (20175)	17.97	18.08	16.92	15.14
		1711.5 (19965)	17.96	17.96	16.96	15.17
	8RB-Middle (4)	1753.5 (20385)	18.07	18.07	17.05	15.25
		1732.5 (20175)	18.04	18.10	17.02	15.22
		1711.5 (19965)	17.96	18.00	16.96	15.17
	8RB-Low (0)	1753.5 (20385)	18.02	18.05	17.00	15.21
		1732.5 (20175)	17.95	17.87	16.92	15.14
		1711.5 (19965)	17.90	17.99	16.98	15.19
	15RB (0)	1753.5 (20385)	18.06	17.97	16.97	15.18
		1732.5 (20175)	17.89	17.88	16.85	15.08
		1711.5 (19965)	17.90	17.93	16.94	15.16

5MHz	1RB-High (24)	1752.5 (20375)	17.98	18.21	18.05	15.25
		1732.5 (20175)	17.84	18.15	18.14	15.33
		1712.5 (19975)	17.88	18.15	18.22	15.39
	1RB-Middle (12)	1752.5 (20375)	17.94	18.16	18.04	15.24
		1732.5 (20175)	17.95	18.44	18.11	15.30
		1712.5 (19975)	17.90	18.35	17.99	15.20
	1RB-Low (0)	1752.5 (20375)	17.90	18.25	17.98	15.19
		1732.5 (20175)	17.86	18.33	17.93	15.15
		1712.5 (19975)	17.88	18.35	18.12	15.31
	12RB-High (13)	1752.5 (20375)	18.04	17.97	17.05	15.25
		1732.5 (20175)	18.04	17.99	17.03	15.23
		1712.5 (19975)	17.93	17.98	16.94	15.16
	12RB-Middle (6)	1752.5 (20375)	18.05	18.04	17.11	15.30
		1732.5 (20175)	17.98	18.02	16.93	15.15
		1712.5 (19975)	17.95	17.99	17.04	15.24
	12RB-Low (0)	1752.5 (20375)	18.02	18.04	16.97	15.18
		1732.5 (20175)	17.97	17.96	16.82	15.05
		1712.5 (19975)	17.97	17.97	16.91	15.13
	25RB (0)	1752.5 (20375)	18.03	18.04	17.00	15.21
		1732.5 (20175)	17.92	17.89	16.97	15.18
		1712.5 (19975)	17.92	17.91	16.90	15.12
10MHz	1RB-High (49)	1750 (20350)	17.97	18.27	18.04	15.24
		1732.5 (20175)	17.99	18.19	17.91	15.13
		1715 (20000)	17.86	18.38	18.03	15.23
	1RB-Middle (24)	1750 (20350)	18.05	18.22	18.29	15.45
		1732.5 (20175)	17.95	18.25	18.01	15.22
		1715 (20000)	17.87	18.07	18.29	15.45
	1RB-Low (0)	1750 (20350)	17.95	18.45	18.25	15.42
		1732.5 (20175)	17.94	18.39	17.88	15.11
		1715 (20000)	17.99	18.43	18.16	15.34
	25RB-High (25)	1750 (20350)	18.05	18.03	17.01	15.22
		1732.5 (20175)	18.03	18.01	16.99	15.20
		1715 (20000)	17.93	18.02	16.99	15.20
	25RB-Middle (12)	1750 (20350)	18.03	17.97	17.02	15.22
		1732.5 (20175)	17.98	17.94	17.00	15.21
		1715 (20000)	17.99	17.97	16.96	15.17
	25RB-Low (0)	1750 (20350)	18.03	18.05	16.93	15.15
		1732.5 (20175)	17.91	18.05	16.87	15.10
		1715 (20000)	17.99	17.95	16.90	15.12
	50RB (0)	1750 (20350)	17.99	17.97	16.89	15.11
		1732.5 (20175)	18.04	17.95	16.90	15.12
		1715 (20000)	17.97	17.96	16.92	15.14

15MHz	1RB-High (74)	1747.5 (20325)	17.83	18.44	17.89	15.11
		1732.5 (20175)	17.84	18.02	17.95	15.16
		1717.5 (20025)	17.64	18.01	17.72	14.97
	1RB-Middle (37)	1747.5 (20325)	17.87	18.26	17.89	15.11
		1732.5 (20175)	17.78	18.07	18.16	15.34
		1717.5 (20025)	17.62	17.87	17.86	15.09
	1RB-Low (0)	1747.5 (20325)	17.93	17.94	17.93	15.15
		1732.5 (20175)	17.78	17.99	17.69	14.95
		1717.5 (20025)	17.71	18.04	17.86	15.09
	36RB-High (38)	1747.5 (20325)	17.98	17.84	16.95	15.16
		1732.5 (20175)	17.85	17.84	16.90	15.12
		1717.5 (20025)	17.86	17.84	16.79	15.03
	36RB-Middle (19)	1747.5 (20325)	17.91	17.87	16.79	15.03
		1732.5 (20175)	17.74	17.90	16.79	15.03
		1717.5 (20025)	17.84	17.82	16.80	15.04
	36RB-Low (0)	1747.5 (20325)	17.93	17.83	16.71	14.96
		1732.5 (20175)	17.75	17.82	16.83	15.06
		1717.5 (20025)	17.83	17.87	16.83	15.06
75RB (0)	1747.5 (20325)	17.86	17.83	16.88	15.11	
	1732.5 (20175)	17.80	17.78	16.80	15.04	
	1717.5 (20025)	17.85	17.88	16.84	15.07	
20MHz	1RB-High (99)	1745 (20300)	17.91	18.11	17.89	15.11
		1732.5 (20175)	17.92	18.10	17.80	15.04
		1720 (20050)	17.93	18.10	17.95	15.16
	1RB-Middle (50)	1745 (20300)	17.88	18.44	18.44	15.58
		1732.5 (20175)	17.75	18.13	17.98	15.19
		1720 (20050)	17.86	17.93	17.67	14.93
	1RB-Low (0)	1745 (20300)	17.78	18.00	18.04	15.24
		1732.5 (20175)	17.85	18.02	18.09	15.28
		1720 (20050)	17.82	18.03	17.79	15.03
	50RB-High (50)	1745 (20300)	17.96	17.85	16.95	15.16
		1732.5 (20175)	17.94	17.93	16.93	15.15
		1720 (20050)	17.85	17.85	16.90	15.12
	50RB-Middle (25)	1745 (20300)	17.91	17.91	16.89	15.11
		1732.5 (20175)	17.89	17.87	16.81	15.05
		1720 (20050)	17.98	17.85	16.87	15.10
	50RB-Low (0)	1745 (20300)	17.96	17.85	16.84	15.07
		1732.5 (20175)	17.87	17.82	16.81	15.05
		1720 (20050)	17.85	17.80	16.70	14.95
100RB (0)	1745 (20300)	17.97	17.84	16.94	15.16	
	1732.5 (20175)	17.78	17.78	16.76	15.00	
	1720 (20050)	17.92	17.85	16.85	15.08	

LTE Band4(ANT8 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	19.62	19.20	18.18	15.56
		1732.5 (20175)	19.58	19.43	18.18	15.48
		1710.7 (19957)	19.48	19.32	18.24	15.54
	1RB-Middle (3)	1754.3 (20393)	19.61	19.56	18.09	15.54
		1732.5 (20175)	19.55	19.60	18.09	15.51
		1710.7 (19957)	19.41	19.28	18.01	15.41
	1RB-Low (0)	1754.3 (20393)	19.59	19.29	18.10	15.56
		1732.5 (20175)	19.59	19.50	18.08	15.44
		1710.7 (19957)	19.52	19.35	18.06	15.36
	3RB-High (3)	1754.3 (20393)	19.68	19.19	18.10	15.43
		1732.5 (20175)	19.59	19.21	18.22	15.59
		1710.7 (19957)	19.55	19.17	18.15	15.38
	3RB-Middle (1)	1754.3 (20393)	19.63	19.12	18.11	15.42
		1732.5 (20175)	19.69	19.24	17.98	15.56
		1710.7 (19957)	19.66	19.01	18.04	15.46
	3RB-Low (0)	1754.3 (20393)	19.73	19.16	18.08	15.45
		1732.5 (20175)	19.62	19.24	18.07	15.43
		1710.7 (19957)	19.55	19.11	18.02	15.27
	6RB (0)	1754.3 (20393)	19.16	18.12	17.01	15.44
		1732.5 (20175)	19.12	18.04	17.01	15.41
		1710.7 (19957)	18.97	18.00	17.04	15.40
3MHz	1RB-High (14)	1753.5 (20385)	19.53	19.11	18.11	15.44
		1732.5 (20175)	19.47	19.34	18.13	15.44
		1711.5 (19965)	19.49	19.17	18.26	15.58
	1RB-Middle (7)	1753.5 (20385)	19.69	19.45	18.25	15.53
		1732.5 (20175)	19.62	19.37	18.06	15.48
		1711.5 (19965)	19.54	19.40	18.22	15.33
	1RB-Low (0)	1753.5 (20385)	19.49	19.40	18.00	15.34
		1732.5 (20175)	19.49	19.16	18.24	15.50
		1711.5 (19965)	19.40	19.20	18.22	15.40
	8RB-High (7)	1753.5 (20385)	19.19	18.04	17.04	15.37
		1732.5 (20175)	19.21	18.15	17.11	15.34
		1711.5 (19965)	18.95	18.04	17.06	15.42
	8RB-Middle (4)	1753.5 (20385)	19.17	18.17	17.05	15.33
		1732.5 (20175)	19.12	18.08	17.23	15.41
		1711.5 (19965)	19.06	18.14	17.04	15.36
	8RB-Low (0)	1753.5 (20385)	19.17	18.12	17.05	15.37
		1732.5 (20175)	19.04	18.05	16.97	15.41
		1711.5 (19965)	19.07	18.02	17.07	15.35
	15RB (0)	1753.5 (20385)	19.07	18.04	17.01	15.40
		1732.5 (20175)	19.06	17.92	16.96	15.40
		1711.5 (19965)	18.98	18.08	16.95	15.37

5MHz	1RB-High (24)	1752.5 (20375)	19.60	19.17	18.14	15.36
		1732.5 (20175)	19.56	19.46	18.19	15.35
		1712.5 (19975)	19.54	19.40	18.19	15.40
	1RB-Middle (12)	1752.5 (20375)	19.68	19.58	18.37	15.43
		1732.5 (20175)	19.88	19.25	18.31	15.45
		1712.5 (19975)	19.58	19.50	18.28	15.34
	1RB-Low (0)	1752.5 (20375)	19.62	19.41	18.05	15.58
		1732.5 (20175)	19.47	19.29	18.14	15.49
		1712.5 (19975)	19.55	19.24	18.00	15.35
	12RB-High (13)	1752.5 (20375)	19.20	18.02	17.06	15.38
		1732.5 (20175)	19.10	18.09	17.02	15.43
		1712.5 (19975)	19.03	18.03	17.05	15.44
	12RB-Middle (6)	1752.5 (20375)	19.22	18.13	17.13	15.44
		1732.5 (20175)	19.15	18.02	17.11	15.48
		1712.5 (19975)	19.02	18.18	17.07	15.43
	12RB-Low (0)	1752.5 (20375)	19.15	18.05	17.07	15.33
		1732.5 (20175)	19.00	17.98	16.97	15.41
		1712.5 (19975)	19.01	18.01	17.01	15.35
25RB (0)	1752.5 (20375)	19.19	18.10	17.06	15.25	
	1732.5 (20175)	19.05	17.94	16.89	15.40	
	1712.5 (19975)	18.98	18.00	17.01	15.41	
10MHz	1RB-High (49)	1750 (20350)	19.59	19.40	18.23	15.40
		1732.5 (20175)	19.54	19.43	17.99	15.49
		1715 (20000)	19.44	19.34	18.42	15.45
	1RB-Middle (24)	1750 (20350)	19.71	19.39	18.40	15.41
		1732.5 (20175)	19.60	19.61	18.17	15.37
		1715 (20000)	19.48	19.35	18.13	15.45
	1RB-Low (0)	1750 (20350)	19.61	19.50	18.26	15.48
		1732.5 (20175)	19.55	19.29	18.13	15.42
		1715 (20000)	19.58	19.42	18.19	15.40
	25RB-High (25)	1750 (20350)	19.17	18.06	17.08	15.42
		1732.5 (20175)	19.20	18.11	17.11	15.42
		1715 (20000)	18.97	18.01	16.98	15.45
	25RB-Middle (12)	1750 (20350)	19.13	18.06	17.00	15.37
		1732.5 (20175)	19.09	18.00	16.99	15.48
		1715 (20000)	19.00	18.01	17.07	15.32
	25RB-Low (0)	1750 (20350)	19.09	17.98	16.90	15.39
		1732.5 (20175)	19.07	18.02	17.01	15.41
		1715 (20000)	18.98	18.00	17.01	15.33
50RB (0)	1750 (20350)	19.15	18.03	16.91	15.28	
	1732.5 (20175)	19.08	17.98	16.93	15.41	
	1715 (20000)	18.98	18.08	17.03	15.42	

15MHz	1RB-High (74)	1747.5 (20325)	19.61	18.99	17.88	15.21
		1732.5 (20175)	19.36	19.10	18.02	15.26
		1717.5 (20025)	19.37	19.49	17.93	15.30
	1RB-Middle (37)	1747.5 (20325)	19.45	19.09	18.01	15.32
		1732.5 (20175)	19.36	19.05	18.06	15.38
		1717.5 (20025)	19.31	19.09	17.93	15.31
	1RB-Low (0)	1747.5 (20325)	19.59	19.09	18.22	15.21
		1732.5 (20175)	19.25	18.82	17.85	15.31
		1717.5 (20025)	19.81	19.12	17.89	15.26
	36RB-High (38)	1747.5 (20325)	19.00	17.93	16.88	15.33
		1732.5 (20175)	19.06	17.93	16.96	15.31
		1717.5 (20025)	18.90	17.91	16.84	15.18
	36RB-Middle (19)	1747.5 (20325)	19.12	17.98	16.93	15.19
		1732.5 (20175)	19.08	17.87	16.93	15.31
		1717.5 (20025)	18.86	17.86	16.90	15.25
	36RB-Low (0)	1747.5 (20325)	18.97	17.88	16.93	15.15
		1732.5 (20175)	18.99	17.85	16.89	15.23
		1717.5 (20025)	18.93	17.82	16.93	15.28
75RB (0)	1747.5 (20325)	19.08	17.92	16.85	15.14	
	1732.5 (20175)	18.99	17.86	16.85	15.33	
	1717.5 (20025)	18.92	17.89	16.86	15.29	
20MHz	1RB-High (99)	1745 (20300)	19.52	18.99	17.97	15.28
		1732.5 (20175)	19.52	19.76	18.44	15.32
		1720 (20050)	19.43	19.35	18.56	15.23
	1RB-Middle (50)	1745 (20300)	19.44	19.25	17.86	15.54
		1732.5 (20175)	20.08	19.91	17.87	15.58
		1720 (20050)	19.41	19.08	18.34	15.40
	1RB-Low (0)	1745 (20300)	19.71	19.15	17.96	15.25
		1732.5 (20175)	19.45	19.06	18.31	15.29
		1720 (20050)	19.45	18.92	17.91	15.30
	50RB-High (50)	1745 (20300)	19.07	17.95	16.96	15.29
		1732.5 (20175)	19.02	17.94	16.94	15.33
		1720 (20050)	18.87	17.84	16.90	15.34
	50RB-Middle (25)	1745 (20300)	19.13	18.02	16.98	15.26
		1732.5 (20175)	19.03	17.90	16.88	15.35
		1720 (20050)	18.92	17.93	16.96	15.25
	50RB-Low (0)	1745 (20300)	19.00	17.90	16.85	15.22
		1732.5 (20175)	18.90	17.91	16.88	15.20
		1720 (20050)	18.84	17.88	16.87	15.31
100RB (0)	1745 (20300)	19.01	17.97	16.99	15.14	
	1732.5 (20175)	18.98	17.85	16.83	15.27	
	1720 (20050)	18.86	17.81	16.95	15.58	

LTE Band4(ANT8 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	12.75	12.96	13.04	12.75
		1732.5 (20175)	12.58	12.05	12.93	12.62
		1710.7 (19957)	12.76	12.88	12.96	12.66
	1RB-Middle (3)	1754.3 (20393)	12.75	12.79	12.91	12.61
		1732.5 (20175)	12.71	12.93	12.80	12.51
		1710.7 (19957)	12.80	12.94	12.92	12.61
	1RB-Low (0)	1754.3 (20393)	12.70	12.82	12.97	12.67
		1732.5 (20175)	12.68	12.83	12.87	12.57
		1710.7 (19957)	12.77	13.00	12.99	12.68
	3RB-High (3)	1754.3 (20393)	12.80	12.74	12.89	12.60
		1732.5 (20175)	12.71	12.69	12.77	12.48
		1710.7 (19957)	12.85	12.97	12.97	12.67
	3RB-Middle (1)	1754.3 (20393)	12.82	12.84	12.87	12.57
		1732.5 (20175)	12.64	12.78	12.85	12.55
		1710.7 (19957)	12.84	12.70	13.02	12.72
	3RB-Low (0)	1754.3 (20393)	12.69	12.70	12.81	12.52
		1732.5 (20175)	12.72	12.76	12.87	12.57
		1710.7 (19957)	12.71	12.74	12.93	12.62
	6RB (0)	1754.3 (20393)	12.73	12.66	13.00	12.69
		1732.5 (20175)	12.68	12.57	12.83	12.53
		1710.7 (19957)	12.78	12.76	12.96	12.66
3MHz	1RB-High (14)	1753.5 (20385)	12.75	12.91	12.93	12.62
		1732.5 (20175)	12.75	12.98	12.69	12.40
		1711.5 (19965)	12.72	12.84	12.97	12.67
	1RB-Middle (7)	1753.5 (20385)	12.78	12.03	13.02	12.64
		1732.5 (20175)	12.72	12.94	13.08	12.78
		1711.5 (19965)	12.84	12.93	13.04	12.75
	1RB-Low (0)	1753.5 (20385)	12.71	12.07	12.86	12.56
		1732.5 (20175)	12.60	13.00	12.95	12.64
		1711.5 (19965)	12.71	13.01	12.92	12.61
	8RB-High (7)	1753.5 (20385)	12.76	12.82	12.92	12.61
		1732.5 (20175)	12.72	12.59	12.87	12.57
		1711.5 (19965)	12.86	12.73	12.99	12.68
	8RB-Middle (4)	1753.5 (20385)	12.89	12.81	13.03	12.73
		1732.5 (20175)	12.77	12.73	12.91	12.61
		1711.5 (19965)	12.89	12.92	13.01	12.71
	8RB-Low (0)	1753.5 (20385)	12.86	12.79	12.97	12.67
		1732.5 (20175)	12.73	12.68	12.87	12.57
		1711.5 (19965)	12.80	12.81	12.91	12.61
	15RB (0)	1753.5 (20385)	12.85	12.65	12.95	12.64
		1732.5 (20175)	12.72	12.62	12.87	12.57
		1711.5 (19965)	12.77	12.72	12.95	12.64

5MHz	1RB-High (24)	1752.5 (20375)	12.75	12.97	13.02	12.72
		1732.5 (20175)	12.69	12.02	13.01	12.71
		1712.5 (19975)	12.73	12.96	13.01	12.71
	1RB-Middle (12)	1752.5 (20375)	12.94	12.92	13.15	12.62
		1732.5 (20175)	12.66	12.94	12.96	12.66
		1712.5 (19975)	12.77	12.93	12.96	12.66
	1RB-Low (0)	1752.5 (20375)	12.83	12.99	13.05	12.76
		1732.5 (20175)	12.70	12.75	12.88	12.58
		1712.5 (19975)	12.83	12.97	13.02	12.72
	12RB-High (13)	1752.5 (20375)	12.75	12.74	12.93	12.62
		1732.5 (20175)	12.79	12.61	12.85	12.55
		1712.5 (19975)	12.86	12.82	12.97	12.67
	12RB-Middle (6)	1752.5 (20375)	12.79	12.74	12.99	12.68
		1732.5 (20175)	12.85	12.66	12.81	12.52
		1712.5 (19975)	12.84	12.69	13.03	12.73
	12RB-Low (0)	1752.5 (20375)	12.84	12.65	12.93	12.62
		1732.5 (20175)	12.70	12.59	12.71	12.42
		1712.5 (19975)	12.88	12.76	12.99	12.68
	25RB (0)	1752.5 (20375)	12.79	12.73	12.95	12.64
		1732.5 (20175)	12.62	12.49	12.76	12.47
		1712.5 (19975)	12.83	12.68	13.00	12.69
10MHz	1RB-High (49)	1750 (20350)	12.76	12.77	12.92	12.61
		1732.5 (20175)	12.66	12.84	12.94	12.63
		1715 (20000)	12.71	12.88	12.93	12.62
	1RB-Middle (24)	1750 (20350)	12.87	12.85	13.04	12.75
		1732.5 (20175)	12.70	12.90	12.93	12.62
		1715 (20000)	12.80	12.89	13.09	12.79
	1RB-Low (0)	1750 (20350)	12.86	12.88	13.00	12.69
		1732.5 (20175)	12.66	12.90	12.75	12.46
		1715 (20000)	12.79	12.87	12.91	12.61
	25RB-High (25)	1750 (20350)	12.83	12.72	12.93	12.62
		1732.5 (20175)	12.79	12.68	12.89	12.60
		1715 (20000)	12.82	12.75	12.99	12.68
	25RB-Middle (12)	1750 (20350)	12.90	12.70	12.92	12.61
		1732.5 (20175)	12.65	12.52	12.75	12.46
		1715 (20000)	12.91	12.78	13.00	12.69
	25RB-Low (0)	1750 (20350)	12.78	12.60	12.93	12.62
		1732.5 (20175)	12.63	12.58	12.71	12.42
		1715 (20000)	12.88	12.72	12.95	12.64
	50RB (0)	1750 (20350)	12.70	12.70	12.85	12.55
		1732.5 (20175)	12.69	12.58	12.80	12.51
		1715 (20000)	12.84	12.71	12.96	12.66

15MHz	1RB-High (74)	1747.5 (20325)	12.63	12.75	12.88	12.58
		1732.5 (20175)	12.60	12.87	12.87	12.57
		1717.5 (20025)	12.61	12.74	12.62	12.34
	1RB-Middle (37)	1747.5 (20325)	12.62	12.59	12.84	12.54
		1732.5 (20175)	12.56	12.81	12.81	12.52
		1717.5 (20025)	12.65	12.82	12.94	12.63
	1RB-Low (0)	1747.5 (20325)	12.66	12.70	12.88	12.58
		1732.5 (20175)	12.53	12.82	12.92	12.61
		1717.5 (20025)	12.60	12.89	12.93	12.62
	36RB-High (38)	1747.5 (20325)	12.77	12.59	12.78	12.49
		1732.5 (20175)	12.64	12.45	12.79	12.50
		1717.5 (20025)	12.59	12.54	12.78	12.49
	36RB-Middle (19)	1747.5 (20325)	12.69	12.49	12.79	12.50
		1732.5 (20175)	12.57	12.36	12.74	12.44
		1717.5 (20025)	12.69	12.49	12.80	12.51
	36RB-Low (0)	1747.5 (20325)	12.63	12.51	12.71	12.42
		1732.5 (20175)	12.58	12.45	12.61	12.33
		1717.5 (20025)	12.73	12.70	12.83	12.53
75RB (0)	1747.5 (20325)	12.62	12.54	12.68	12.39	
	1732.5 (20175)	12.65	12.40	12.64	12.36	
	1717.5 (20025)	12.70	12.56	12.78	12.49	
20MHz	1RB-High (99)	1745 (20300)	12.62	12.79	12.90	12.47
		1732.5 (20175)	12.59	12.83	13.00	12.39
		1720 (20050)	12.69	12.79	12.98	12.51
	1RB-Middle (50)	1745 (20300)	12.69	12.84	12.93	12.68
		1732.5 (20175)	12.57	12.82	13.01	12.53
		1720 (20050)	12.72	12.90	12.69	12.64
	1RB-Low (0)	1745 (20300)	12.61	12.87	12.99	12.70
		1732.5 (20175)	12.76	12.80	12.96	12.33
		1720 (20050)	12.57	12.59	12.81	12.45
	50RB-High (50)	1745 (20300)	12.68	12.61	12.67	12.57
		1732.5 (20175)	12.65	12.56	12.72	12.52
		1720 (20050)	12.67	12.64	12.62	12.44
	50RB-Middle (25)	1745 (20300)	12.59	12.69	12.52	12.41
		1732.5 (20175)	12.65	12.53	12.50	12.48
		1720 (20050)	12.78	12.60	12.58	12.40
	50RB-Low (0)	1745 (20300)	12.61	12.59	12.65	12.33
		1732.5 (20175)	12.59	12.47	12.59	12.41
		1720 (20050)	12.54	12.48	12.53	12.27
100RB (0)	1745 (20300)	12.62	12.62	12.58	12.39	
	1732.5 (20175)	12.51	12.46	12.55	12.34	
	1720 (20050)	12.67	12.62	12.61	12.44	

LTE Band4(ANT8 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	12.21	12.54	12.26	12.39
		1732.5 (20175)	12.05	11.66	12.15	12.27
		1710.7 (19957)	12.22	12.47	12.18	12.30
	1RB-Middle (3)	1754.3 (20393)	12.21	12.38	12.13	12.26
		1732.5 (20175)	12.18	12.52	12.03	12.16
		1710.7 (19957)	12.26	12.53	12.14	12.26
	1RB-Low (0)	1754.3 (20393)	12.17	12.41	12.19	12.31
		1732.5 (20175)	12.15	12.42	12.09	12.22
		1710.7 (19957)	12.23	12.58	12.20	12.32
	3RB-High (3)	1754.3 (20393)	12.26	12.33	12.12	12.25
		1732.5 (20175)	12.18	12.28	12.00	12.13
		1710.7 (19957)	12.31	12.55	12.19	12.31
	3RB-Middle (1)	1754.3 (20393)	12.28	12.43	12.09	12.22
		1732.5 (20175)	12.11	12.37	12.07	12.20
		1710.7 (19957)	12.30	12.29	12.23	12.36
	3RB-Low (0)	1754.3 (20393)	12.16	12.29	12.04	12.17
		1732.5 (20175)	12.19	12.35	12.09	12.22
		1710.7 (19957)	12.18	12.33	12.15	12.27
	6RB (0)	1754.3 (20393)	12.20	12.25	12.21	12.33
		1732.5 (20175)	12.15	12.17	12.05	12.18
		1710.7 (19957)	12.24	12.35	12.18	12.30
3MHz	1RB-High (14)	1753.5 (20385)	12.21	12.50	12.15	12.27
		1732.5 (20175)	12.21	12.56	11.92	12.05
		1711.5 (19965)	12.19	12.43	12.19	12.31
	1RB-Middle (7)	1753.5 (20385)	12.24	11.64	12.37	12.29
		1732.5 (20175)	12.19	12.53	12.29	12.42
		1711.5 (19965)	12.30	12.52	12.26	12.39
	1RB-Low (0)	1753.5 (20385)	12.18	11.68	12.08	12.21
		1732.5 (20175)	12.07	12.58	12.17	12.29
		1711.5 (19965)	12.18	12.59	12.14	12.26
	8RB-High (7)	1753.5 (20385)	12.22	12.41	12.14	12.26
		1732.5 (20175)	12.19	12.19	12.09	12.22
		1711.5 (19965)	12.32	12.32	12.20	12.32
	8RB-Middle (4)	1753.5 (20385)	12.35	12.40	12.24	12.37
		1732.5 (20175)	12.23	12.32	12.13	12.26
		1711.5 (19965)	12.35	12.51	12.22	12.35
	8RB-Low (0)	1753.5 (20385)	12.32	12.38	12.19	12.31
		1732.5 (20175)	12.20	12.27	12.09	12.22
		1711.5 (19965)	12.26	12.40	12.13	12.26
	15RB (0)	1753.5 (20385)	12.31	12.24	12.17	12.29
		1732.5 (20175)	12.19	12.22	12.09	12.22
		1711.5 (19965)	12.23	12.31	12.17	12.29

5MHz	1RB-High (24)	1752.5 (20375)	12.21	12.55	12.23	12.36
		1732.5 (20175)	12.16	11.63	12.22	12.35
		1712.5 (19975)	12.20	12.54	12.22	12.35
	1RB-Middle (12)	1752.5 (20375)	12.40	12.51	12.35	12.27
		1732.5 (20175)	12.13	12.53	12.18	12.30
		1712.5 (19975)	12.23	12.52	12.18	12.30
	1RB-Low (0)	1752.5 (20375)	12.29	12.57	12.27	12.40
		1732.5 (20175)	12.17	12.34	12.10	12.23
		1712.5 (19975)	12.29	12.55	12.23	12.36
	12RB-High (13)	1752.5 (20375)	12.21	12.33	12.15	12.27
		1732.5 (20175)	12.25	12.21	12.07	12.20
		1712.5 (19975)	12.32	12.41	12.19	12.31
	12RB-Middle (6)	1752.5 (20375)	12.25	12.33	12.20	12.32
		1732.5 (20175)	12.31	12.25	12.04	12.17
		1712.5 (19975)	12.30	12.28	12.24	12.37
	12RB-Low (0)	1752.5 (20375)	12.30	12.24	12.15	12.27
		1732.5 (20175)	12.17	12.19	11.94	12.07
		1712.5 (19975)	12.34	12.35	12.20	12.32
	25RB (0)	1752.5 (20375)	12.25	12.32	12.17	12.29
		1732.5 (20175)	12.09	12.09	11.99	12.12
		1712.5 (19975)	12.29	12.27	12.21	12.33
10MHz	1RB-High (49)	1750 (20350)	12.22	12.36	12.14	12.26
		1732.5 (20175)	12.13	12.43	12.16	12.28
		1715 (20000)	12.18	12.47	12.15	12.27
	1RB-Middle (24)	1750 (20350)	12.33	12.44	12.26	12.39
		1732.5 (20175)	12.17	12.49	12.15	12.27
		1715 (20000)	12.26	12.48	12.30	12.43
	1RB-Low (0)	1750 (20350)	12.32	12.47	12.21	12.33
		1732.5 (20175)	12.13	12.49	11.98	12.11
		1715 (20000)	12.25	12.46	12.13	12.26
	25RB-High (25)	1750 (20350)	12.29	12.31	12.15	12.27
		1732.5 (20175)	12.25	12.27	12.12	12.25
		1715 (20000)	12.28	12.34	12.20	12.32
	25RB-Middle (12)	1750 (20350)	12.36	12.29	12.14	12.26
		1732.5 (20175)	12.12	12.12	11.98	12.11
		1715 (20000)	12.37	12.37	12.21	12.33
	25RB-Low (0)	1750 (20350)	12.24	12.20	12.15	12.27
		1732.5 (20175)	12.10	12.18	11.94	12.07
		1715 (20000)	12.34	12.31	12.17	12.29
	50RB (0)	1750 (20350)	12.17	12.29	12.07	12.20
		1732.5 (20175)	12.16	12.18	12.03	12.16
		1715 (20000)	12.30	12.30	12.18	12.30

15MHz	1RB-High (74)	1747.5 (20325)	12.10	12.34	12.10	12.23
		1732.5 (20175)	12.07	12.46	12.09	12.22
		1717.5 (20025)	12.08	12.33	11.86	11.99
	1RB-Middle (37)	1747.5 (20325)	12.09	12.19	12.06	12.19
		1732.5 (20175)	12.03	12.40	12.04	12.17
		1717.5 (20025)	12.12	12.41	12.16	12.28
	1RB-Low (0)	1747.5 (20325)	12.13	12.29	12.10	12.23
		1732.5 (20175)	12.00	12.41	12.14	12.26
		1717.5 (20025)	12.07	12.48	12.15	12.27
	36RB-High (38)	1747.5 (20325)	12.23	12.19	12.01	12.14
		1732.5 (20175)	12.11	12.05	12.02	12.15
		1717.5 (20025)	12.06	12.14	12.01	12.14
	36RB-Middle (19)	1747.5 (20325)	12.16	12.09	12.02	12.15
		1732.5 (20175)	12.04	11.96	11.97	12.09
		1717.5 (20025)	12.16	12.09	12.03	12.16
	36RB-Low (0)	1747.5 (20325)	12.10	12.11	11.94	12.07
		1732.5 (20175)	12.05	12.05	11.85	11.98
		1717.5 (20025)	12.20	12.29	12.05	12.18
	75RB (0)	1747.5 (20325)	12.09	12.14	11.91	12.04
		1732.5 (20175)	12.12	12.00	11.88	12.01
		1717.5 (20025)	12.17	12.16	12.01	12.14
20MHz	1RB-High (99)	1745 (20300)	12.09	12.38	12.12	12.12
		1732.5 (20175)	12.08	12.42	12.04	12.04
		1720 (20050)	12.11	12.24	12.16	12.16
	1RB-Middle (50)	1745 (20300)	12.03	12.38	12.32	12.32
		1732.5 (20175)	12.14	12.48	12.18	12.18
		1720 (20050)	12.11	12.22	12.29	12.29
	1RB-Low (0)	1745 (20300)	12.16	12.26	12.34	12.34
		1732.5 (20175)	12.01	12.47	11.98	11.98
		1720 (20050)	11.98	12.47	12.10	12.10
	50RB-High (50)	1745 (20300)	12.13	12.15	12.22	12.22
		1732.5 (20175)	12.08	12.19	12.17	12.17
		1720 (20050)	12.00	12.03	12.09	12.09
	50RB-Middle (25)	1745 (20300)	12.02	12.14	12.06	12.06
		1732.5 (20175)	12.03	12.09	12.13	12.13
		1720 (20050)	12.15	12.11	12.05	12.05
	50RB-Low (0)	1745 (20300)	12.08	12.05	11.98	11.98
		1732.5 (20175)	12.05	12.02	12.06	12.06
		1720 (20050)	12.04	12.02	11.93	11.93
	100RB (0)	1745 (20300)	12.03	12.02	12.04	12.04
		1732.5 (20175)	12.04	12.06	11.99	11.99
		1720 (20050)	12.03	12.13	12.09	12.09

LTE Band5(ANTO DSI 1_3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (20643)	23.55	23.73	22.72	19.82
		836.5 (20525)	23.86	24.20	22.93	19.72
		824.7 (20407)	23.67	23.82	22.65	19.64
	1RB-Middle (3)	848.3 (20643)	23.61	24.00	22.80	19.56
		836.5 (20525)	23.79	24.28	22.92	19.85
		824.7 (20407)	23.58	23.89	22.83	19.88
	1RB-Low (0)	848.3 (20643)	23.56	24.20	22.69	19.36
		836.5 (20525)	23.63	24.06	22.69	19.72
		824.7 (20407)	23.61	23.78	22.77	19.71
	3RB-High (3)	848.3 (20643)	23.55	23.76	22.58	19.52
		836.5 (20525)	23.55	23.94	22.62	19.63
		824.7 (20407)	23.57	23.74	22.56	19.53
	3RB-Middle (1)	848.3 (20643)	23.56	23.73	22.76	19.40
		836.5 (20525)	23.65	23.72	22.91	19.74
		824.7 (20407)	23.69	23.75	22.61	19.60
	3RB-Low (0)	848.3 (20643)	23.63	23.81	22.59	19.54
		836.5 (20525)	23.80	23.80	22.87	19.65
		824.7 (20407)	23.60	23.61	22.59	19.71
	6RB (0)	848.3 (20643)	23.48	22.69	21.63	19.47
		836.5 (20525)	23.60	22.58	21.71	19.51
		824.7 (20407)	23.48	22.60	21.70	19.69
3MHz	1RB-High (14)	847.5 (20635)	23.53	23.82	22.67	19.50
		836.5 (20525)	23.56	23.90	22.77	19.78
		825.5 (20415)	23.59	23.74	22.62	19.66
	1RB-Middle (7)	847.5 (20635)	23.50	23.73	22.86	19.64
		836.5 (20525)	23.76	24.09	22.72	19.73
		825.5 (20415)	23.70	23.99	22.73	19.88
	1RB-Low (0)	847.5 (20635)	23.59	23.72	22.48	19.53
		836.5 (20525)	23.55	23.89	22.64	19.68
		825.5 (20415)	23.55	23.88	22.61	19.57
	8RB-High (7)	847.5 (20635)	23.53	22.58	21.71	19.47
		836.5 (20525)	23.57	22.76	21.82	19.65
		825.5 (20415)	23.51	22.63	21.69	19.61
	8RB-Middle (4)	847.5 (20635)	23.59	22.66	21.77	19.52
		836.5 (20525)	23.61	22.68	21.68	19.54
		825.5 (20415)	23.52	22.67	21.70	19.64
	8RB-Low (0)	847.5 (20635)	23.56	22.60	21.74	19.57
		836.5 (20525)	23.52	22.70	21.72	19.56
		825.5 (20415)	23.59	22.59	21.63	19.67
	15RB (0)	847.5 (20635)	23.46	22.58	21.65	19.47
		836.5 (20525)	23.51	22.59	21.62	19.56
		825.5 (20415)	23.53	22.53	21.66	19.53

5MHz	1RB-High (24)	846.5 (20625)	23.53	23.98	22.66	19.67
		836.5 (20525)	23.59	24.01	22.60	19.55
		826.5 (20425)	23.57	23.88	22.79	19.57
	1RB-Middle (12)	846.5 (20625)	23.65	23.88	23.00	19.53
		836.5 (20525)	23.78	24.10	22.83	19.67
		826.5 (20425)	23.63	24.09	22.74	19.73
	1RB-Low (0)	846.5 (20625)	23.60	23.86	22.77	19.56
		836.5 (20525)	23.66	24.09	22.75	19.71
		826.5 (20425)	23.51	23.85	22.68	19.82
	12RB-High (13)	846.5 (20625)	23.51	22.61	21.68	19.58
		836.5 (20525)	23.64	22.70	21.78	19.68
		826.5 (20425)	23.45	22.52	21.66	19.62
	12RB-Middle (6)	846.5 (20625)	23.40	22.54	21.61	19.53
		836.5 (20525)	23.62	22.65	21.72	19.62
		826.5 (20425)	23.57	22.53	21.65	19.57
	12RB-Low (0)	846.5 (20625)	23.43	22.52	21.57	19.45
		836.5 (20525)	23.58	22.68	21.65	19.56
		826.5 (20425)	23.49	22.57	21.69	19.61
	25RB (0)	846.5 (20625)	23.47	22.45	21.61	19.45
		836.5 (20525)	23.56	22.53	21.69	19.53
		826.5 (20425)	23.52	22.51	21.65	19.56
10MHz	1RB-High (49)	844 (20600)	23.60	23.77	22.65	19.46
		836.5 (20525)	23.66	23.80	22.60	19.55
		829 (20450)	23.58	24.14	22.89	19.61
	1RB-Middle (24)	844 (20600)	23.57	23.92	22.73	19.55
		836.5 (20525)	23.65	23.96	22.64	19.80
		829 (20450)	23.58	24.10	22.75	19.77
	1RB-Low (0)	844 (20600)	23.83	24.02	22.75	19.83
		836.5 (20525)	23.69	23.87	22.65	19.54
		829 (20450)	23.61	23.80	22.72	19.60
	25RB-High (25)	844 (20600)	23.53	22.60	21.61	19.55
		836.5 (20525)	23.61	22.64	21.79	19.66
		829 (20450)	23.60	22.54	21.66	19.67
	25RB-Middle (12)	844 (20600)	23.43	22.60	21.63	19.57
		836.5 (20525)	23.63	22.69	21.73	19.60
		829 (20450)	23.55	22.54	21.66	19.58
	25RB-Low (0)	844 (20600)	23.52	22.64	21.73	19.58
		836.5 (20525)	23.58	22.59	21.72	19.65
		829 (20450)	23.58	22.55	21.62	19.60
	50RB (0)	844 (20600)	23.50	22.59	21.67	19.56
		836.5 (20525)	23.54	22.60	21.63	19.63
		829 (20450)	23.60	22.64	21.66	19.57

LTE Band5(ANTO DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (20643)	17.56	17.95	17.95	18.03
		836.5 (20525)	17.57	18.19	17.86	17.94
		824.7 (20407)	17.54	17.89	17.79	17.87
	1RB-Middle (3)	848.3 (20643)	17.68	18.17	17.72	17.80
		836.5 (20525)	17.73	18.17	17.98	18.06
		824.7 (20407)	17.67	18.17	18.01	18.09
	1RB-Low (0)	848.3 (20643)	17.57	18.10	17.54	17.62
		836.5 (20525)	17.79	17.93	17.86	17.94
		824.7 (20407)	17.72	18.10	17.85	17.93
	3RB-High (3)	848.3 (20643)	17.61	17.68	17.68	17.76
		836.5 (20525)	17.66	17.87	17.78	17.86
		824.7 (20407)	17.60	17.99	17.69	17.77
	3RB-Middle (1)	848.3 (20643)	17.55	17.73	17.57	17.65
		836.5 (20525)	17.74	17.67	17.88	17.96
		824.7 (20407)	17.63	17.86	17.75	17.83
	3RB-Low (0)	848.3 (20643)	17.65	17.80	17.70	17.78
		836.5 (20525)	17.79	17.77	17.80	17.88
		824.7 (20407)	17.80	17.79	17.85	17.93
	6RB (0)	848.3 (20643)	17.65	17.71	17.64	17.72
		836.5 (20525)	17.66	17.74	17.67	17.75
		824.7 (20407)	17.72	17.76	17.84	17.92
3MHz	1RB-High (14)	847.5 (20635)	17.56	18.00	17.66	17.74
		836.5 (20525)	17.66	18.16	17.92	18.00
		825.5 (20415)	17.59	17.97	17.81	17.89
	1RB-Middle (7)	847.5 (20635)	17.69	17.90	17.79	17.87
		836.5 (20525)	17.84	18.07	17.87	17.95
		825.5 (20415)	17.91	17.95	18.01	18.09
	1RB-Low (0)	847.5 (20635)	17.54	17.88	17.69	17.77
		836.5 (20525)	17.62	17.86	17.83	17.91
		825.5 (20415)	17.67	17.97	17.73	17.81
	8RB-High (7)	847.5 (20635)	17.63	17.74	17.64	17.72
		836.5 (20525)	17.77	17.87	17.80	17.88
		825.5 (20415)	17.73	17.86	17.76	17.84
	8RB-Middle (4)	847.5 (20635)	17.64	17.73	17.68	17.76
		836.5 (20525)	17.76	17.81	17.70	17.78
		825.5 (20415)	17.74	17.87	17.79	17.87
	8RB-Low (0)	847.5 (20635)	17.69	17.76	17.73	17.81
		836.5 (20525)	17.75	17.72	17.72	17.80
		825.5 (20415)	17.78	17.83	17.82	17.90
	15RB (0)	847.5 (20635)	17.70	17.68	17.64	17.72
		836.5 (20525)	17.71	17.75	17.72	17.80
		825.5 (20415)	17.71	17.72	17.69	17.77

5MHz	1RB-High (24)	846.5 (20625)	17.60	17.98	17.82	17.90
		836.5 (20525)	17.69	18.11	17.71	17.79
		826.5 (20425)	17.63	17.99	17.73	17.81
	1RB-Middle (12)	846.5 (20625)	17.92	18.01	17.69	17.77
		836.5 (20525)	17.71	18.14	17.82	17.90
		826.5 (20425)	17.79	18.17	17.87	17.95
	1RB-Low (0)	846.5 (20625)	17.54	17.93	17.72	17.80
		836.5 (20525)	17.69	17.95	17.85	17.93
		826.5 (20425)	17.70	18.02	17.95	18.03
	12RB-High (13)	846.5 (20625)	17.66	17.74	17.74	17.82
		836.5 (20525)	17.79	17.84	17.83	17.91
		826.5 (20425)	17.62	17.77	17.77	17.85
	12RB-Middle (6)	846.5 (20625)	17.62	17.74	17.69	17.77
		836.5 (20525)	17.74	17.83	17.77	17.85
		826.5 (20425)	17.74	17.80	17.73	17.81
	12RB-Low (0)	846.5 (20625)	17.54	17.73	17.62	17.70
		836.5 (20525)	17.73	17.74	17.72	17.80
		826.5 (20425)	17.73	17.79	17.76	17.84
	25RB (0)	846.5 (20625)	17.56	17.63	17.62	17.70
		836.5 (20525)	17.69	17.71	17.69	17.77
		826.5 (20425)	17.70	17.78	17.72	17.80
10MHz	1RB-High (49)	844 (20600)	17.47	18.11	17.63	17.71
		836.5 (20525)	17.64	17.87	17.71	17.79
		829 (20450)	17.50	17.99	17.76	17.84
	1RB-Middle (24)	844 (20600)	17.73	17.92	17.71	17.79
		836.5 (20525)	17.72	18.06	17.94	18.02
		829 (20450)	17.59	17.92	17.91	17.99
	1RB-Low (0)	844 (20600)	17.67	18.04	17.96	18.04
		836.5 (20525)	17.59	17.99	17.70	17.78
		829 (20450)	17.66	17.91	17.75	17.83
	25RB-High (25)	844 (20600)	17.64	17.64	17.71	17.79
		836.5 (20525)	17.79	17.84	17.81	17.89
		829 (20450)	17.74	17.80	17.82	17.90
	25RB-Middle (12)	844 (20600)	17.76	17.78	17.73	17.81
		836.5 (20525)	17.74	17.80	17.75	17.83
		829 (20450)	17.76	17.73	17.74	17.82
	25RB-Low (0)	844 (20600)	17.73	17.74	17.74	17.82
		836.5 (20525)	17.76	17.78	17.80	17.88
		829 (20450)	17.75	17.72	17.75	17.83
	50RB (0)	844 (20600)	17.77	17.77	17.72	17.80
		836.5 (20525)	17.68	17.75	17.78	17.86
		829 (20450)	17.68	17.74	17.73	17.81

LTE Band5(ANT3 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (20643)	20.37	20.83	20.41	18.49
		836.5 (20525)	20.51	20.88	20.98	18.64
		824.7 (20407)	20.45	20.81	20.68	18.71
	1RB-Middle (3)	848.3 (20643)	20.45	20.80	20.70	18.40
		836.5 (20525)	20.51	21.00	20.75	18.60
		824.7 (20407)	20.49	20.93	20.71	18.70
	1RB-Low (0)	848.3 (20643)	20.30	20.79	20.45	18.27
		836.5 (20525)	20.66	20.81	20.76	18.74
		824.7 (20407)	20.37	20.79	20.61	18.44
	3RB-High (3)	848.3 (20643)	20.47	20.65	20.48	18.30
		836.5 (20525)	20.71	20.75	20.58	18.56
		824.7 (20407)	20.50	20.72	20.69	18.42
	3RB-Middle (1)	848.3 (20643)	20.47	20.59	20.40	18.19
		836.5 (20525)	20.64	20.63	20.64	18.39
		824.7 (20407)	20.56	20.62	20.60	18.42
	3RB-Low (0)	848.3 (20643)	20.42	20.59	20.49	18.14
		836.5 (20525)	20.53	20.81	20.54	18.44
		824.7 (20407)	20.49	20.67	20.63	18.39
	6RB (0)	848.3 (20643)	20.45	20.48	20.39	18.14
		836.5 (20525)	20.55	20.62	20.52	18.27
		824.7 (20407)	20.53	20.61	20.54	18.36
3MHz	1RB-High (14)	847.5 (20635)	20.28	20.91	20.59	18.32
		836.5 (20525)	20.49	20.71	20.63	18.69
		825.5 (20415)	20.32	20.83	20.57	18.42
	1RB-Middle (7)	847.5 (20635)	20.39	20.93	20.54	18.55
		836.5 (20525)	20.58	20.85	20.75	18.74
		825.5 (20415)	20.60	20.78	20.58	18.52
	1RB-Low (0)	847.5 (20635)	20.25	20.69	20.49	18.35
		836.5 (20525)	20.44	20.78	20.85	18.55
		825.5 (20415)	20.54	20.69	20.66	18.60
	8RB-High (7)	847.5 (20635)	20.51	20.45	20.45	18.14
		836.5 (20525)	20.60	20.67	20.58	18.35
		825.5 (20415)	20.57	20.69	20.58	18.32
	8RB-Middle (4)	847.5 (20635)	20.50	20.59	20.44	18.27
		836.5 (20525)	20.48	20.65	20.62	18.34
		825.5 (20415)	20.61	20.66	20.61	18.50
	8RB-Low (0)	847.5 (20635)	20.45	20.48	20.42	18.26
		836.5 (20525)	20.53	20.63	20.60	18.23
		825.5 (20415)	20.52	20.62	20.53	18.41
	15RB (0)	847.5 (20635)	20.40	20.46	20.49	18.06
		836.5 (20525)	20.56	20.58	20.50	18.24
		825.5 (20415)	20.49	20.57	20.58	18.26

5MHz	1RB-High (24)	846.5 (20625)	20.29	20.59	20.47	18.37
		836.5 (20525)	20.57	20.80	20.71	18.52
		826.5 (20425)	20.42	20.89	20.71	18.65
	1RB-Middle (12)	846.5 (20625)	20.38	20.88	20.41	18.34
		836.5 (20525)	20.66	20.96	20.68	18.69
		826.5 (20425)	20.46	21.01	20.59	18.47
	1RB-Low (0)	846.5 (20625)	20.42	20.81	20.63	18.55
		836.5 (20525)	20.40	20.93	20.74	18.55
		826.5 (20425)	20.44	20.78	20.56	18.69
	12RB-High (13)	846.5 (20625)	20.42	20.52	20.52	18.20
		836.5 (20525)	20.59	20.64	20.68	18.20
		826.5 (20425)	20.48	20.57	20.65	18.29
	12RB-Middle (6)	846.5 (20625)	20.40	20.50	20.47	18.05
		836.5 (20525)	20.61	20.58	20.67	18.21
		826.5 (20425)	20.53	20.55	20.57	18.37
	12RB-Low (0)	846.5 (20625)	20.40	20.52	20.49	18.03
		836.5 (20525)	20.53	20.60	20.51	18.23
		826.5 (20425)	20.58	20.62	20.55	18.34
	25RB (0)	846.5 (20625)	20.39	20.42	20.43	18.08
		836.5 (20525)	20.50	20.49	20.52	18.14
		826.5 (20425)	20.54	20.61	20.55	18.29
10MHz	1RB-High (49)	844 (20600)	20.31	20.60	20.65	18.35
		836.5 (20525)	20.39	20.87	20.76	18.55
		829 (20450)	20.50	21.00	20.66	18.39
	1RB-Middle (24)	844 (20600)	20.31	20.62	20.65	18.47
		836.5 (20525)	20.52	20.94	20.67	18.59
		829 (20450)	20.42	21.05	20.61	18.71
	1RB-Low (0)	844 (20600)	20.50	21.02	20.65	18.64
		836.5 (20525)	20.44	20.95	20.65	18.72
		829 (20450)	20.45	20.92	20.55	18.72
	25RB-High (25)	844 (20600)	20.41	20.53	20.47	18.10
		836.5 (20525)	20.56	20.60	20.60	18.25
		829 (20450)	20.45	20.56	20.46	18.27
	25RB-Middle (12)	844 (20600)	20.46	20.48	20.40	18.26
		836.5 (20525)	20.57	20.59	20.57	18.21
		829 (20450)	20.52	20.57	20.63	18.26
	25RB-Low (0)	844 (20600)	20.48	20.48	20.51	18.14
		836.5 (20525)	20.54	20.62	20.57	18.30
		829 (20450)	20.48	20.49	20.55	18.25
	50RB (0)	844 (20600)	20.40	20.49	20.36	18.15
		836.5 (20525)	20.52	20.55	20.52	18.16
		829 (20450)	20.52	20.58	20.61	18.20

LTE Band5(ANT3 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (20643)	23.83	23.16	22.04	18.55
		836.5 (20525)	23.96	23.48	22.15	18.70
		824.7 (20407)	23.86	23.32	22.07	18.77
	1RB-Middle (3)	848.3 (20643)	23.78	23.37	22.11	18.46
		836.5 (20525)	23.95	23.44	22.14	18.66
		824.7 (20407)	23.81	23.23	21.95	18.76
	1RB-Low (0)	848.3 (20643)	23.75	23.25	21.98	18.34
		836.5 (20525)	23.76	23.37	21.97	18.80
		824.7 (20407)	23.85	23.38	21.95	18.50
	3RB-High (3)	848.3 (20643)	23.73	22.90	22.02	18.36
		836.5 (20525)	23.97	23.15	22.04	18.62
		824.7 (20407)	23.90	23.04	22.00	18.49
	3RB-Middle (1)	848.3 (20643)	23.79	22.90	21.86	18.25
		836.5 (20525)	23.98	23.22	22.02	18.45
		824.7 (20407)	23.82	22.98	21.93	18.49
	3RB-Low (0)	848.3 (20643)	23.74	23.00	21.91	18.20
		836.5 (20525)	23.90	23.05	22.11	18.50
		824.7 (20407)	23.86	23.04	22.02	18.45
	6RB (0)	848.3 (20643)	22.78	21.84	20.77	18.20
		836.5 (20525)	22.85	21.93	20.89	18.34
		824.7 (20407)	22.81	21.95	20.91	18.42
3MHz	1RB-High (14)	847.5 (20635)	23.73	23.15	21.92	18.39
		836.5 (20525)	23.76	23.21	22.10	18.75
		825.5 (20415)	23.73	23.16	21.90	18.49
	1RB-Middle (7)	847.5 (20635)	23.88	23.08	21.96	18.61
		836.5 (20525)	24.04	23.28	21.96	18.80
		825.5 (20415)	23.86	23.17	22.00	18.59
	1RB-Low (0)	847.5 (20635)	23.71	23.00	21.90	18.41
		836.5 (20525)	23.90	22.98	22.03	18.61
		825.5 (20415)	23.74	23.05	21.85	18.66
	8RB-High (7)	847.5 (20635)	22.83	21.87	20.80	18.20
		836.5 (20525)	22.91	22.08	20.94	18.41
		825.5 (20415)	22.87	21.94	20.93	18.39
	8RB-Middle (4)	847.5 (20635)	22.82	21.91	20.83	18.34
		836.5 (20525)	22.99	22.03	20.91	18.40
		825.5 (20415)	22.94	21.98	20.99	18.56
	8RB-Low (0)	847.5 (20635)	22.92	21.85	20.86	18.32
		836.5 (20525)	22.85	22.04	20.94	18.28
		825.5 (20415)	22.94	21.96	20.91	18.47
	15RB (0)	847.5 (20635)	22.81	21.80	20.80	18.12
		836.5 (20525)	22.87	21.91	20.88	18.30
		825.5 (20415)	22.82	21.93	20.95	18.32

5MHz	1RB-High (24)	846.5 (20625)	23.68	23.06	21.86	18.44
		836.5 (20525)	23.79	23.30	22.05	18.59
		826.5 (20425)	23.73	23.10	21.89	18.71
	1RB-Middle (12)	846.5 (20625)	23.87	23.24	21.89	18.40
		836.5 (20525)	24.04	23.38	22.30	18.75
		826.5 (20425)	23.93	23.10	22.06	18.54
	1RB-Low (0)	846.5 (20625)	23.66	23.12	21.88	18.61
		836.5 (20525)	23.97	23.17	21.93	18.61
		826.5 (20425)	23.78	23.10	22.07	18.75
	12RB-High (13)	846.5 (20625)	22.76	21.88	20.85	18.26
		836.5 (20525)	22.97	21.99	20.98	18.26
		826.5 (20425)	22.90	21.86	20.90	18.35
	12RB-Middle (6)	846.5 (20625)	22.70	21.84	20.85	18.11
		836.5 (20525)	22.93	21.99	21.01	18.27
		826.5 (20425)	22.90	21.89	20.93	18.44
	12RB-Low (0)	846.5 (20625)	22.77	21.80	20.68	18.08
		836.5 (20525)	22.92	21.91	20.90	18.28
		826.5 (20425)	22.90	21.91	20.89	18.40
	25RB (0)	846.5 (20625)	22.79	21.79	20.70	18.13
		836.5 (20525)	22.90	21.93	20.82	18.20
		826.5 (20425)	22.84	21.89	20.86	18.35
10MHz	1RB-High (49)	844 (20600)	23.70	23.26	22.05	18.41
		836.5 (20525)	23.79	23.17	21.81	18.61
		829 (20450)	23.92	23.23	22.00	18.45
	1RB-Middle (24)	844 (20600)	23.84	23.02	21.91	18.54
		836.5 (20525)	23.93	23.17	22.00	18.65
		829 (20450)	23.89	23.00	22.18	18.77
	1RB-Low (0)	844 (20600)	23.75	23.55	22.17	18.70
		836.5 (20525)	23.81	23.36	21.96	18.79
		829 (20450)	23.78	23.17	22.22	18.79
	25RB-High (25)	844 (20600)	22.75	21.85	20.80	18.16
		836.5 (20525)	22.86	21.95	20.90	18.31
		829 (20450)	22.89	21.93	20.91	18.34
	25RB-Middle (12)	844 (20600)	22.84	21.81	20.85	18.32
		836.5 (20525)	22.99	21.92	21.03	18.27
		829 (20450)	22.86	21.91	20.96	18.32
	25RB-Low (0)	844 (20600)	22.83	21.87	20.94	18.20
		836.5 (20525)	22.99	21.97	20.95	18.36
		829 (20450)	22.82	21.87	20.85	18.31
	50RB (0)	844 (20600)	22.83	21.84	20.83	18.21
		836.5 (20525)	22.84	21.90	20.92	18.22
		829 (20450)	22.93	21.93	20.89	18.26

LTE Band5(ANT3 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (20643)	14.44	14.81	14.59	14.59
		836.5 (20525)	14.60	14.93	14.64	14.71
		824.7 (20407)	14.52	14.99	14.74	14.77
	1RB-Middle (3)	848.3 (20643)	14.43	14.74	14.58	14.52
		836.5 (20525)	14.47	14.90	14.74	14.68
		824.7 (20407)	14.56	14.98	14.79	14.76
	1RB-Low (0)	848.3 (20643)	14.37	14.64	14.55	14.43
		836.5 (20525)	14.48	15.01	14.74	14.79
		824.7 (20407)	14.52	14.77	14.65	14.55
	3RB-High (3)	848.3 (20643)	14.51	14.66	14.50	14.44
		836.5 (20525)	14.54	14.87	14.62	14.65
		824.7 (20407)	14.54	14.76	14.68	14.54
	3RB-Middle (1)	848.3 (20643)	14.40	14.57	14.45	14.36
		836.5 (20525)	14.57	14.73	14.59	14.51
		824.7 (20407)	14.63	14.76	14.67	14.54
	3RB-Low (0)	848.3 (20643)	14.51	14.53	14.52	14.32
		836.5 (20525)	14.55	14.77	14.67	14.55
		824.7 (20407)	14.54	14.73	14.70	14.51
	6RB (0)	848.3 (20643)	14.37	14.53	14.43	14.32
		836.5 (20525)	14.51	14.64	14.54	14.43
		824.7 (20407)	14.58	14.71	14.57	14.49
3MHz	1RB-High (14)	847.5 (20635)	14.44	14.68	14.46	14.46
		836.5 (20525)	14.50	14.97	14.68	14.75
		825.5 (20415)	14.43	14.76	14.57	14.54
	1RB-Middle (7)	847.5 (20635)	14.42	14.86	14.77	14.64
		836.5 (20525)	14.51	15.01	14.82	14.79
		825.5 (20415)	14.59	14.84	14.70	14.62
	1RB-Low (0)	847.5 (20635)	14.34	14.70	14.47	14.48
		836.5 (20525)	14.55	14.86	14.67	14.64
		825.5 (20415)	14.51	14.90	14.66	14.68
	8RB-High (7)	847.5 (20635)	14.47	14.53	14.43	14.32
		836.5 (20525)	14.58	14.70	14.61	14.48
		825.5 (20415)	14.59	14.68	14.66	14.46
	8RB-Middle (4)	847.5 (20635)	14.45	14.64	14.29	14.43
		836.5 (20525)	14.57	14.69	14.61	14.47
		825.5 (20415)	14.61	14.82	14.59	14.60
	8RB-Low (0)	847.5 (20635)	14.47	14.63	14.50	14.42
		836.5 (20525)	14.56	14.60	14.51	14.39
		825.5 (20415)	14.58	14.75	14.65	14.53
	15RB (0)	847.5 (20635)	14.47	14.47	14.66	14.26
		836.5 (20525)	14.51	14.61	14.50	14.40
		825.5 (20415)	14.59	14.63	14.63	14.42

5MHz	1RB-High (24)	846.5 (20625)	14.38	14.72	14.65	14.50
		836.5 (20525)	14.60	14.84	14.69	14.62
		826.5 (20425)	14.56	14.94	14.57	14.72
	1RB-Middle (12)	846.5 (20625)	14.46	14.69	14.61	14.47
		836.5 (20525)	14.57	14.97	14.91	14.75
		826.5 (20425)	14.56	14.80	14.64	14.58
	1RB-Low (0)	846.5 (20625)	14.42	14.86	14.71	14.64
		836.5 (20525)	14.58	14.86	14.72	14.64
		826.5 (20425)	14.60	14.97	14.69	14.75
	12RB-High (13)	846.5 (20625)	14.44	14.58	14.43	14.37
		836.5 (20525)	14.58	14.58	14.60	14.37
		826.5 (20425)	14.64	14.65	14.59	14.44
	12RB-Middle (6)	846.5 (20625)	14.40	14.46	14.42	14.25
		836.5 (20525)	14.59	14.59	14.55	14.38
		826.5 (20425)	14.67	14.72	14.69	14.50
	12RB-Low (0)	846.5 (20625)	14.49	14.44	14.38	14.23
		836.5 (20525)	14.55	14.60	14.58	14.39
		826.5 (20425)	14.63	14.69	14.65	14.47
	25RB (0)	846.5 (20625)	14.37	14.48	14.38	14.27
		836.5 (20525)	14.55	14.53	14.59	14.32
		826.5 (20425)	14.54	14.65	14.54	14.44
10MHz	1RB-High (49)	844 (20600)	14.28	14.70	14.69	14.48
		836.5 (20525)	14.51	14.86	14.65	14.64
		829 (20450)	14.47	14.73	14.57	14.51
	1RB-Middle (24)	844 (20600)	14.47	14.80	14.65	14.58
		836.5 (20525)	14.52	14.89	14.72	14.67
		829 (20450)	14.52	14.99	14.76	14.77
	1RB-Low (0)	844 (20600)	14.46	14.93	14.74	14.71
		836.5 (20525)	14.54	15.00	14.81	14.78
		829 (20450)	14.60	15.00	14.75	14.78
	25RB-High (25)	844 (20600)	14.48	14.50	14.53	14.29
		836.5 (20525)	14.57	14.62	14.68	14.41
		829 (20450)	14.53	14.64	14.61	14.43
	25RB-Middle (12)	844 (20600)	14.51	14.63	14.55	14.42
		836.5 (20525)	14.60	14.59	14.60	14.38
		829 (20450)	14.60	14.63	14.68	14.42
	25RB-Low (0)	844 (20600)	14.52	14.53	14.56	14.32
		836.5 (20525)	14.58	14.66	14.55	14.44
		829 (20450)	14.59	14.62	14.64	14.41
	50RB (0)	844 (20600)	14.45	14.54	14.56	14.33
		836.5 (20525)	14.51	14.55	14.56	14.34
		829 (20450)	14.55	14.58	14.61	14.37

LTE Band7(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	17.11	17.40	17.26	17.15
		2535 (21100)	17.16	17.43	17.33	17.22
		2502.5 (20775)	17.19	17.32	17.33	17.42
	1RB-Middle (12)	2567.5 (21425)	17.19	17.35	17.12	17.01
		2535 (21100)	17.40	17.43	17.43	17.32
		2502.5 (20775)	17.16	17.39	17.41	17.30
	1RB-Low (0)	2567.5 (21425)	17.18	17.46	17.20	17.09
		2535 (21100)	17.38	17.48	17.31	17.20
		2502.5 (20775)	17.17	17.45	17.32	17.21
	12RB-High (13)	2567.5 (21425)	17.21	17.21	17.27	17.16
		2535 (21100)	17.21	17.33	17.21	17.10
		2502.5 (20775)	17.28	17.26	17.30	17.19
	12RB-Middle (6)	2567.5 (21425)	17.19	17.23	17.33	17.22
		2535 (21100)	17.24	17.26	17.32	17.21
		2502.5 (20775)	17.18	17.29	17.35	17.24
	12RB-Low (0)	2567.5 (21425)	17.18	17.26	17.26	17.15
		2535 (21100)	17.18	17.25	17.25	17.14
		2502.5 (20775)	17.18	17.26	17.21	17.10
	25RB (0)	2567.5 (21425)	17.19	17.22	17.18	17.07
		2535 (21100)	17.10	17.21	17.18	17.07
		2502.5 (20775)	17.26	17.18	17.25	17.14
10MHz	1RB-High (49)	2565 (21400)	17.16	17.53	17.32	17.41
		2535 (21100)	17.09	17.53	17.42	17.31
		2505 (20800)	17.06	17.31	17.24	17.13
	1RB-Middle (24)	2565 (21400)	17.24	17.50	17.44	17.33
		2535 (21100)	17.13	17.34	17.38	17.27
		2505 (20800)	17.16	17.32	17.29	17.18
	1RB-Low (0)	2565 (21400)	16.99	17.41	17.36	17.25
		2535 (21100)	17.18	17.44	17.33	17.22
		2505 (20800)	17.16	17.44	17.28	17.17
	25RB-High (25)	2565 (21400)	17.20	17.25	17.24	17.13
		2535 (21100)	17.22	17.33	17.29	17.18
		2505 (20800)	17.21	17.30	17.23	17.12
	25RB-Middle (12)	2565 (21400)	17.17	17.16	17.26	17.15
		2535 (21100)	17.19	17.21	17.21	17.10
		2505 (20800)	17.26	17.25	17.26	17.15
	25RB-Low (0)	2565 (21400)	17.21	17.21	17.18	17.07
		2535 (21100)	17.19	17.23	17.24	17.13
		2505 (20800)	17.19	17.31	17.30	17.19
	50RB (0)	2565 (21400)	17.14	17.07	17.14	17.03
		2535 (21100)	17.18	17.25	17.13	17.02
		2505 (20800)	17.21	17.25	17.29	17.18

15MHz	1RB-High (74)	2562.5 (21375)	16.75	17.38	17.20	17.09
		2535 (21100)	17.33	17.19	17.32	17.21
		2507.5 (20825)	16.88	17.38	16.93	16.82
	1RB-Middle (37)	2562.5 (21375)	17.02	17.17	17.21	17.10
		2535 (21100)	16.96	17.45	17.28	17.17
		2507.5 (20825)	17.08	17.25	17.12	17.01
	1RB-Low (0)	2562.5 (21375)	17.26	17.35	17.05	16.94
		2535 (21100)	16.97	17.23	17.38	17.47
		2507.5 (20825)	16.99	17.37	17.14	17.03
	36RB-High (38)	2562.5 (21375)	17.04	17.12	17.08	16.97
		2535 (21100)	17.02	17.11	17.15	17.04
		2507.5 (20825)	17.03	17.14	17.11	17.00
	36RB-Middle (19)	2562.5 (21375)	17.06	17.05	17.04	16.93
		2535 (21100)	17.02	17.01	17.11	17.00
		2507.5 (20825)	17.08	17.14	17.04	16.93
	36RB-Low (0)	2562.5 (21375)	17.05	17.05	17.02	16.91
		2535 (21100)	17.07	17.15	17.09	16.98
		2507.5 (20825)	17.04	17.09	17.07	16.96
75RB (0)	2562.5 (21375)	17.05	17.06	17.10	16.99	
	2535 (21100)	17.01	17.02	17.09	16.98	
	2507.5 (20825)	17.14	17.13	17.17	17.06	
20MHz	1RB-High (99)	2560 (21350)	16.97	17.16	16.93	16.82
		2535 (21100)	16.93	17.07	17.04	16.93
		2510 (20850)	17.06	17.19	17.00	16.89
	1RB-Middle (50)	2560 (21350)	17.01	17.49	17.44	17.38
		2535 (21100)	17.00	17.34	17.18	17.07
		2510 (20850)	17.02	17.29	17.49	17.38
	1RB-Low (0)	2560 (21350)	17.05	17.18	17.19	17.08
		2535 (21100)	16.89	17.16	17.03	16.92
		2510 (20850)	16.93	17.13	16.98	16.87
	50RB-High (50)	2560 (21350)	17.11	17.07	17.08	16.97
		2535 (21100)	17.08	17.17	17.10	16.99
		2510 (20850)	17.08	17.17	17.11	17.00
	50RB-Middle (25)	2560 (21350)	17.08	16.96	17.01	16.90
		2535 (21100)	17.00	17.08	17.03	16.92
		2510 (20850)	17.12	17.10	17.11	17.00
	50RB-Low (0)	2560 (21350)	17.07	17.12	17.10	16.99
		2535 (21100)	17.04	17.12	17.07	16.96
		2510 (20850)	17.06	17.06	17.10	16.99
100RB (0)	2560 (21350)	17.03	16.99	17.00	16.89	
	2535 (21100)	17.07	17.08	16.99	16.88	
	2510 (20850)	17.09	17.11	17.06	16.95	

LTE Band7(ANT4 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	19.94	20.32	19.97	18.78
		2535 (21100)	20.03	20.30	20.13	18.93
		2502.5 (20775)	20.10	20.31	20.10	18.90
	1RB-Middle (12)	2567.5 (21425)	20.08	20.60	20.12	18.92
		2535 (21100)	20.06	20.34	20.20	19.00
		2502.5 (20775)	20.07	20.47	20.49	19.27
	1RB-Low (0)	2567.5 (21425)	20.02	20.45	20.22	19.02
		2535 (21100)	20.03	20.42	20.19	18.99
		2502.5 (20775)	19.98	20.16	20.10	18.90
	12RB-High (13)	2567.5 (21425)	20.07	20.14	20.08	18.88
		2535 (21100)	20.10	20.20	20.05	18.86
		2502.5 (20775)	20.14	20.17	20.10	18.90
	12RB-Middle (6)	2567.5 (21425)	20.13	20.10	20.14	18.94
		2535 (21100)	20.07	20.21	20.22	19.02
		2502.5 (20775)	20.12	20.21	20.12	18.92
	12RB-Low (0)	2567.5 (21425)	20.07	20.07	20.08	18.88
		2535 (21100)	20.03	19.99	19.97	18.78
		2502.5 (20775)	20.03	20.13	20.09	18.89
	25RB (0)	2567.5 (21425)	20.02	20.12	20.13	18.93
		2535 (21100)	20.06	19.96	20.09	18.89
		2502.5 (20775)	20.11	20.10	20.09	18.89
10MHz	1RB-High (49)	2565 (21400)	20.00	20.40	20.16	18.96
		2535 (21100)	20.11	20.47	20.29	19.08
		2505 (20800)	20.17	20.40	20.14	18.94
	1RB-Middle (24)	2565 (21400)	20.03	20.64	20.02	18.83
		2535 (21100)	20.03	20.44	20.31	19.10
		2505 (20800)	20.00	20.42	20.21	19.01
	1RB-Low (0)	2565 (21400)	20.13	20.35	20.00	18.81
		2535 (21100)	20.09	20.38	20.18	18.98
		2505 (20800)	19.96	20.61	20.08	18.88
	25RB-High (25)	2565 (21400)	20.12	20.13	20.11	18.91
		2535 (21100)	20.06	20.15	20.11	18.91
		2505 (20800)	20.02	20.17	20.11	18.91
	25RB-Middle (12)	2565 (21400)	20.11	20.11	20.08	18.88
		2535 (21100)	20.04	20.12	20.06	18.86
		2505 (20800)	20.11	20.07	20.15	18.95
	25RB-Low (0)	2565 (21400)	20.04	20.04	19.97	18.78
		2535 (21100)	20.01	20.04	20.14	18.94
		2505 (20800)	20.04	20.08	20.07	18.87
	50RB (0)	2565 (21400)	19.98	20.06	20.08	18.88
		2535 (21100)	20.00	19.99	20.10	18.90
		2505 (20800)	20.16	20.10	20.06	18.86

15MHz	1RB-High (74)	2562.5 (21375)	20.27	20.29	19.97	18.78
		2535 (21100)	19.74	20.20	19.93	18.74
		2507.5 (20825)	19.80	20.06	20.09	18.89
	1RB-Middle (37)	2562.5 (21375)	19.90	20.06	20.05	18.86
		2535 (21100)	19.94	20.13	20.08	18.88
		2507.5 (20825)	19.76	20.08	19.81	18.63
	1RB-Low (0)	2562.5 (21375)	19.95	20.25	19.99	18.80
		2535 (21100)	19.78	20.18	19.86	18.68
		2507.5 (20825)	19.79	20.06	19.99	18.80
	36RB-High (38)	2562.5 (21375)	19.97	20.02	19.97	18.78
		2535 (21100)	20.00	19.97	20.08	18.88
		2507.5 (20825)	19.89	19.89	20.02	18.83
	36RB-Middle (19)	2562.5 (21375)	19.91	19.98	19.93	18.74
		2535 (21100)	19.93	20.00	19.98	18.79
		2507.5 (20825)	19.95	20.05	20.00	18.81
	36RB-Low (0)	2562.5 (21375)	19.88	19.88	19.93	18.74
		2535 (21100)	19.88	20.05	19.99	18.80
		2507.5 (20825)	19.98	20.05	19.98	18.79
	75RB (0)	2562.5 (21375)	19.95	20.02	20.07	18.87
		2535 (21100)	19.94	19.92	19.99	18.80
		2507.5 (20825)	20.00	20.02	19.99	18.80
20MHz	1RB-High (99)	2560 (21350)	19.84	20.08	19.85	18.67
		2535 (21100)	19.85	20.21	20.00	18.81
		2510 (20850)	19.75	20.07	20.01	18.82
	1RB-Middle (50)	2560 (21350)	20.17	20.39	20.32	19.11
		2535 (21100)	19.89	20.13	20.00	18.81
		2510 (20850)	19.82	20.27	19.85	18.67
	1RB-Low (0)	2560 (21350)	19.79	20.01	20.27	19.06
		2535 (21100)	19.87	20.13	20.61	19.10
		2510 (20850)	19.79	20.02	19.93	18.74
	50RB-High (50)	2560 (21350)	20.03	19.96	20.04	18.85
		2535 (21100)	20.02	20.05	20.06	18.86
		2510 (20850)	19.96	20.04	20.09	18.89
	50RB-Middle (25)	2560 (21350)	19.89	19.90	19.92	18.73
		2535 (21100)	19.89	19.85	20.01	18.82
		2510 (20850)	20.00	19.97	19.95	18.76
	50RB-Low (0)	2560 (21350)	19.93	19.95	19.87	18.69
		2535 (21100)	19.95	19.98	19.96	18.77
		2510 (20850)	20.00	19.97	19.98	18.79
	100RB (0)	2560 (21350)	19.91	19.97	19.85	18.67
		2535 (21100)	19.91	19.90	19.95	18.76
		2510 (20850)	19.99	20.01	20.05	18.86

LTE Band7(ANT4 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	11.07	11.48	11.27	10.92
		2535 (21100)	11.06	11.53	11.26	10.96
		2502.5 (20775)	11.08	11.41	11.20	11.09
	1RB-Middle (12)	2567.5 (21425)	11.15	11.33	11.16	10.83
		2535 (21100)	11.11	11.58	11.29	11.02
		2502.5 (20775)	11.13	11.26	11.16	11.01
	1RB-Low (0)	2567.5 (21425)	11.11	11.41	11.20	10.88
		2535 (21100)	11.17	11.51	11.27	10.95
		2502.5 (20775)	11.14	11.38	11.30	10.95
	12RB-High (13)	2567.5 (21425)	11.21	11.23	11.18	10.92
		2535 (21100)	11.17	11.26	11.16	10.88
		2502.5 (20775)	11.13	11.20	11.21	10.94
	12RB-Middle (6)	2567.5 (21425)	11.16	11.25	11.22	10.96
		2535 (21100)	11.25	11.19	11.22	10.95
		2502.5 (20775)	11.15	11.15	11.25	10.97
	12RB-Low (0)	2567.5 (21425)	11.06	11.19	11.14	10.92
		2535 (21100)	11.17	11.15	11.15	10.91
		2502.5 (20775)	11.10	11.17	11.19	10.88
	25RB (0)	2567.5 (21425)	11.13	11.10	11.09	10.87
		2535 (21100)	11.00	11.08	11.07	10.87
		2502.5 (20775)	11.08	11.17	11.19	10.91
10MHz	1RB-High (49)	2565 (21400)	11.13	11.46	11.28	11.08
		2535 (21100)	11.15	11.57	11.23	11.02
		2505 (20800)	11.16	11.49	11.19	10.90
	1RB-Middle (24)	2565 (21400)	11.13	11.32	11.16	11.03
		2535 (21100)	11.15	11.55	11.26	10.99
		2505 (20800)	11.15	11.44	11.27	10.94
	1RB-Low (0)	2565 (21400)	11.00	11.56	11.20	10.98
		2535 (21100)	11.14	11.43	11.19	10.96
		2505 (20800)	11.06	11.45	11.41	10.93
	25RB-High (25)	2565 (21400)	11.19	11.19	11.16	10.90
		2535 (21100)	11.21	11.22	11.17	10.94
		2505 (20800)	11.21	11.20	11.18	10.90
	25RB-Middle (12)	2565 (21400)	11.09	11.09	11.16	10.92
		2535 (21100)	11.18	11.16	11.21	10.88
		2505 (20800)	11.21	11.27	11.28	10.92
	25RB-Low (0)	2565 (21400)	11.08	11.14	11.16	10.87
		2535 (21100)	11.15	11.19	11.16	10.90
		2505 (20800)	11.17	11.16	11.14	10.94
	50RB (0)	2565 (21400)	11.02	11.11	10.97	10.84
		2535 (21100)	11.13	11.18	11.15	10.83
		2505 (20800)	11.14	11.21	11.19	10.94

15MHz	1RB-High (74)	2562.5 (21375)	11.02	11.18	10.98	10.88
		2535 (21100)	10.98	11.11	10.99	10.95
		2507.5 (20825)	10.83	11.18	11.00	10.71
	1RB-Middle (37)	2562.5 (21375)	10.95	11.13	11.06	10.88
		2535 (21100)	11.00	11.17	11.16	10.93
		2507.5 (20825)	10.91	11.36	11.13	10.83
	1RB-Low (0)	2562.5 (21375)	10.86	11.57	10.91	10.78
		2535 (21100)	10.94	11.24	10.97	11.12
		2507.5 (20825)	10.87	11.17	10.94	10.84
	36RB-High (38)	2562.5 (21375)	11.00	11.05	11.06	10.80
		2535 (21100)	11.08	10.99	11.09	10.85
		2507.5 (20825)	11.02	10.98	11.07	10.82
	36RB-Middle (19)	2562.5 (21375)	11.00	10.98	11.05	10.78
		2535 (21100)	10.98	11.02	11.00	10.82
		2507.5 (20825)	11.02	10.99	11.04	10.78
	36RB-Low (0)	2562.5 (21375)	10.92	10.96	10.93	10.76
		2535 (21100)	11.04	11.06	10.96	10.81
		2507.5 (20825)	11.06	11.08	11.03	10.80
75RB (0)	2562.5 (21375)	11.06	10.94	11.00	10.81	
	2535 (21100)	10.98	10.97	10.96	10.81	
	2507.5 (20825)	11.04	11.04	11.02	10.86	
20MHz	1RB-High (99)	2560 (21350)	10.94	11.28	10.97	10.71
		2535 (21100)	10.80	11.18	11.00	10.78
		2510 (20850)	10.90	11.41	11.09	10.75
	1RB-Middle (50)	2560 (21350)	10.92	11.41	11.05	11.06
		2535 (21100)	11.09	11.23	11.17	10.87
		2510 (20850)	10.90	11.47	11.11	11.06
	1RB-Low (0)	2560 (21350)	10.91	11.23	11.13	10.87
		2535 (21100)	11.01	11.19	11.18	10.77
		2510 (20850)	10.83	11.21	11.14	10.74
	50RB-High (50)	2560 (21350)	11.03	11.06	11.00	10.80
		2535 (21100)	11.07	11.14	11.03	10.81
		2510 (20850)	11.05	11.07	11.07	10.82
	50RB-Middle (25)	2560 (21350)	10.95	10.98	11.02	10.76
		2535 (21100)	11.00	10.97	10.94	10.77
		2510 (20850)	11.06	11.10	11.10	10.82
	50RB-Low (0)	2560 (21350)	10.97	10.98	11.05	10.81
		2535 (21100)	11.04	11.01	10.98	10.80
		2510 (20850)	11.00	10.97	11.07	10.81
100RB (0)	2560 (21350)	10.92	11.00	10.91	10.75	
	2535 (21100)	10.98	10.95	10.97	10.74	
	2510 (20850)	11.05	11.07	11.05	10.79	

LTE Band7(ANT1 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	21.10	21.40	21.33	19.39
		2535 (21100)	20.98	21.49	21.20	19.41
		2502.5 (20775)	21.01	21.20	21.10	19.39
	1RB-Middle (12)	2567.5 (21425)	21.36	21.43	21.24	19.59
		2535 (21100)	21.44	21.40	21.48	19.41
		2502.5 (20775)	21.09	21.39	21.42	19.31
	1RB-Low (0)	2567.5 (21425)	21.12	21.44	21.21	19.50
		2535 (21100)	20.93	21.21	21.13	19.35
		2502.5 (20775)	21.03	21.40	20.94	19.40
	12RB-High (13)	2567.5 (21425)	21.17	21.22	21.32	19.27
		2535 (21100)	21.09	21.22	21.15	19.25
		2502.5 (20775)	21.12	21.15	21.14	19.14
	12RB-Middle (6)	2567.5 (21425)	21.25	21.27	21.31	19.37
		2535 (21100)	21.20	21.23	21.23	19.30
		2502.5 (20775)	21.12	21.15	21.15	19.30
	12RB-Low (0)	2567.5 (21425)	21.17	21.31	21.21	19.22
		2535 (21100)	21.11	21.19	21.06	19.12
		2502.5 (20775)	21.04	21.09	21.10	19.15
	25RB (0)	2567.5 (21425)	21.18	21.21	21.30	19.34
		2535 (21100)	21.06	20.97	20.99	19.01
		2502.5 (20775)	21.04	20.93	21.16	19.19
10MHz	1RB-High (49)	2565 (21400)	21.15	21.48	21.09	19.60
		2535 (21100)	21.06	21.41	21.26	19.69
		2505 (20800)	21.02	21.26	21.13	19.49
	1RB-Middle (24)	2565 (21400)	21.16	21.49	21.39	19.53
		2535 (21100)	21.17	21.48	21.21	19.47
		2505 (20800)	21.03	21.35	21.12	19.68
	1RB-Low (0)	2565 (21400)	21.15	21.46	21.29	19.61
		2535 (21100)	20.98	21.44	21.41	19.64
		2505 (20800)	21.07	21.45	21.18	19.51
	25RB-High (25)	2565 (21400)	21.23	21.29	21.32	19.32
		2535 (21100)	21.13	21.23	21.17	19.31
		2505 (20800)	21.08	21.09	21.13	19.27
	25RB-Middle (12)	2565 (21400)	21.29	21.31	21.20	19.44
		2535 (21100)	21.11	21.04	21.12	19.25
		2505 (20800)	21.15	21.12	21.12	19.20
	25RB-Low (0)	2565 (21400)	21.23	21.22	21.20	19.24
		2535 (21100)	21.06	21.02	21.17	19.20
		2505 (20800)	21.07	21.17	21.17	19.22
	50RB (0)	2565 (21400)	21.20	21.19	21.17	19.25
		2535 (21100)	21.09	21.08	21.09	19.04
		2505 (20800)	21.14	21.13	21.11	19.10

15MHz	1RB-High (74)	2562.5 (21375)	20.83	21.33	21.15	19.39
		2535 (21100)	21.03	21.25	21.31	19.39
		2507.5 (20825)	20.79	21.14	21.14	19.21
	1RB-Middle (37)	2562.5 (21375)	20.93	21.08	21.07	19.27
		2535 (21100)	20.95	21.04	20.97	19.36
		2507.5 (20825)	20.88	21.07	20.91	19.31
	1RB-Low (0)	2562.5 (21375)	21.23	21.40	21.19	19.36
		2535 (21100)	20.98	21.30	21.11	19.27
		2507.5 (20825)	20.79	21.00	21.04	19.24
	36RB-High (38)	2562.5 (21375)	21.08	21.06	21.10	19.25
		2535 (21100)	21.01	20.99	21.04	19.05
		2507.5 (20825)	21.00	20.94	20.86	19.02
	36RB-Middle (19)	2562.5 (21375)	20.96	21.10	20.98	19.09
		2535 (21100)	20.90	21.08	20.94	19.04
		2507.5 (20825)	20.98	20.96	21.03	18.98
	36RB-Low (0)	2562.5 (21375)	20.98	21.02	21.02	19.15
		2535 (21100)	20.89	20.96	20.92	19.00
		2507.5 (20825)	20.93	20.97	21.01	19.05
75RB (0)	2562.5 (21375)	20.95	21.00	21.06	19.04	
	2535 (21100)	20.91	20.95	20.98	18.93	
	2507.5 (20825)	20.92	20.99	20.96	19.04	
20MHz	1RB-High (99)	2560 (21350)	20.95	21.30	21.26	19.46
		2535 (21100)	20.93	21.20	21.40	19.31
		2510 (20850)	20.84	21.01	20.97	19.11
	1RB-Middle (50)	2560 (21350)	20.90	21.52	21.33	19.59
		2535 (21100)	20.87	21.49	21.44	19.36
		2510 (20850)	20.87	21.44	21.10	19.37
	1RB-Low (0)	2560 (21350)	20.85	20.99	21.10	19.31
		2535 (21100)	20.80	21.33	21.11	19.01
		2510 (20850)	20.86	21.13	21.03	19.20
	50RB-High (50)	2560 (21350)	21.10	21.15	21.15	19.22
		2535 (21100)	21.02	21.03	20.97	19.15
		2510 (20850)	21.00	21.04	20.81	19.09
	50RB-Middle (25)	2560 (21350)	21.08	21.16	21.16	19.32
		2535 (21100)	21.14	20.86	20.85	18.87
		2510 (20850)	21.03	20.96	20.89	19.07
	50RB-Low (0)	2560 (21350)	20.96	21.02	20.99	19.24
		2535 (21100)	21.01	20.94	20.85	19.07
		2510 (20850)	20.90	20.86	20.80	19.06
100RB (0)	2560 (21350)	21.06	21.06	21.08	19.15	
	2535 (21100)	20.99	21.04	20.94	19.02	
	2510 (20850)	20.94	20.94	20.98	19.07	

LTE Band7(ANT1 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	21.37	21.51	21.44	19.47
		2535 (21100)	21.39	21.62	21.47	19.53
		2502.5 (20775)	21.25	21.62	21.10	19.23
	1RB-Middle (12)	2567.5 (21425)	21.41	21.44	21.54	19.63
		2535 (21100)	21.24	21.64	21.56	19.34
		2502.5 (20775)	21.25	21.58	21.72	19.36
	1RB-Low (0)	2567.5 (21425)	21.38	21.59	21.55	19.62
		2535 (21100)	21.24	21.68	21.50	19.40
		2502.5 (20775)	21.16	21.63	21.47	19.21
	12RB-High (13)	2567.5 (21425)	21.44	21.41	21.40	19.33
		2535 (21100)	21.29	21.43	21.40	19.25
		2502.5 (20775)	21.20	21.30	21.33	19.16
	12RB-Middle (6)	2567.5 (21425)	21.38	21.53	21.47	19.38
		2535 (21100)	21.36	21.35	21.38	19.36
		2502.5 (20775)	21.27	21.27	21.30	19.20
	12RB-Low (0)	2567.5 (21425)	21.41	21.40	21.49	19.36
		2535 (21100)	21.20	21.25	21.14	19.19
		2502.5 (20775)	21.33	21.28	21.28	19.16
	25RB (0)	2567.5 (21425)	21.41	21.39	21.32	19.35
		2535 (21100)	21.23	21.25	21.28	19.18
		2502.5 (20775)	21.29	21.43	21.23	19.18
10MHz	1RB-High (49)	2565 (21400)	21.48	21.58	21.70	19.34
		2535 (21100)	21.29	21.57	21.61	19.40
		2505 (20800)	21.17	21.52	21.30	18.99
	1RB-Middle (24)	2565 (21400)	21.40	21.55	21.50	19.39
		2535 (21100)	21.32	21.66	21.31	19.40
		2505 (20800)	21.33	21.51	21.37	19.33
	1RB-Low (0)	2565 (21400)	21.36	21.61	21.34	19.26
		2535 (21100)	21.13	21.48	21.37	19.28
		2505 (20800)	21.30	21.67	21.43	19.36
	25RB-High (25)	2565 (21400)	21.41	21.35	21.43	19.45
		2535 (21100)	21.31	21.47	21.36	19.30
		2505 (20800)	21.21	21.34	21.34	19.15
	25RB-Middle (12)	2565 (21400)	21.50	21.54	21.45	19.40
		2535 (21100)	21.24	21.26	21.29	19.19
		2505 (20800)	21.28	21.28	21.33	19.24
	25RB-Low (0)	2565 (21400)	21.36	21.41	21.48	19.33
		2535 (21100)	21.29	21.31	21.30	19.21
		2505 (20800)	21.36	21.35	21.37	19.25
	50RB (0)	2565 (21400)	21.36	21.40	21.48	19.29
		2535 (21100)	21.34	21.26	21.25	19.15
		2505 (20800)	21.32	21.36	21.26	19.24

15MHz	1RB-High (74)	2562.5 (21375)	21.03	21.37	21.27	19.20
		2535 (21100)	21.15	21.45	21.23	19.10
		2507.5 (20825)	20.91	21.53	21.00	19.26
	1RB-Middle (37)	2562.5 (21375)	21.11	21.48	21.16	19.15
		2535 (21100)	21.18	21.25	21.18	19.19
		2507.5 (20825)	21.09	21.33	21.37	19.08
	1RB-Low (0)	2562.5 (21375)	21.02	21.37	21.40	19.39
		2535 (21100)	21.00	21.44	21.15	19.10
		2507.5 (20825)	21.12	21.70	21.24	19.04
	36RB-High (38)	2562.5 (21375)	21.31	21.33	21.26	19.13
		2535 (21100)	21.25	21.30	21.25	19.08
		2507.5 (20825)	21.20	21.14	21.12	18.95
	36RB-Middle (19)	2562.5 (21375)	21.27	21.25	21.27	19.10
		2535 (21100)	21.16	21.24	21.14	19.00
		2507.5 (20825)	21.17	21.23	21.19	19.02
	36RB-Low (0)	2562.5 (21375)	21.19	21.23	21.40	19.11
		2535 (21100)	21.14	21.13	21.09	19.04
		2507.5 (20825)	21.16	21.13	21.11	19.04
	75RB (0)	2562.5 (21375)	21.26	21.22	21.17	19.13
		2535 (21100)	21.16	21.21	21.25	19.08
		2507.5 (20825)	21.18	21.22	21.20	19.06
20MHz	1RB-High (99)	2560 (21350)	21.16	21.39	21.19	19.39
		2535 (21100)	21.01	21.47	21.22	19.31
		2510 (20850)	20.87	21.12	20.92	19.06
	1RB-Middle (50)	2560 (21350)	21.31	21.58	21.65	19.40
		2535 (21100)	21.06	21.56	21.75	19.29
		2510 (20850)	21.06	21.13	21.21	19.20
	1RB-Low (0)	2560 (21350)	21.12	21.33	21.24	19.18
		2535 (21100)	20.99	21.29	21.36	19.05
		2510 (20850)	21.01	21.43	21.03	19.15
	50RB-High (50)	2560 (21350)	21.31	21.36	21.27	19.21
		2535 (21100)	21.24	21.26	21.19	19.24
		2510 (20850)	21.11	21.07	21.13	19.01
	50RB-Middle (25)	2560 (21350)	21.23	21.34	21.32	19.15
		2535 (21100)	21.18	21.10	21.12	19.01
		2510 (20850)	21.13	21.21	21.14	19.08
	50RB-Low (0)	2560 (21350)	21.27	21.17	21.15	19.19
		2535 (21100)	21.21	21.22	21.19	19.05
		2510 (20850)	21.06	21.09	21.12	19.08
	100RB (0)	2560 (21350)	21.22	21.17	21.22	19.11
		2535 (21100)	21.13	21.16	21.22	19.10
		2510 (20850)	21.09	21.11	21.19	19.06

LTE Band7(ANT1 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	15.32	15.43	15.47	15.41
		2535 (21100)	15.26	15.45	15.52	15.46
		2502.5 (20775)	15.21	15.43	15.28	15.22
	1RB-Middle (12)	2567.5 (21425)	15.32	15.59	15.60	15.54
		2535 (21100)	15.28	15.45	15.37	15.31
		2502.5 (20775)	15.26	15.37	15.39	15.33
	1RB-Low (0)	2567.5 (21425)	15.37	15.52	15.59	15.53
		2535 (21100)	15.18	15.40	15.42	15.36
		2502.5 (20775)	15.19	15.44	15.27	15.21
	12RB-High (13)	2567.5 (21425)	15.39	15.34	15.36	15.30
		2535 (21100)	15.27	15.32	15.30	15.24
		2502.5 (20775)	15.28	15.23	15.23	15.17
	12RB-Middle (6)	2567.5 (21425)	15.42	15.42	15.40	15.34
		2535 (21100)	15.31	15.36	15.39	15.33
		2502.5 (20775)	15.24	15.36	15.26	15.20
	12RB-Low (0)	2567.5 (21425)	15.35	15.30	15.39	15.33
		2535 (21100)	15.13	15.22	15.25	15.19
		2502.5 (20775)	15.22	15.24	15.23	15.17
	25RB (0)	2567.5 (21425)	15.38	15.39	15.38	15.32
		2535 (21100)	15.24	15.13	15.24	15.18
		2502.5 (20775)	15.19	15.27	15.24	15.18
10MHz	1RB-High (49)	2565 (21400)	15.28	15.60	15.37	15.31
		2535 (21100)	15.23	15.67	15.42	15.36
		2505 (20800)	15.18	15.51	15.09	15.03
	1RB-Middle (24)	2565 (21400)	15.36	15.54	15.41	15.35
		2535 (21100)	15.34	15.50	15.42	15.36
		2505 (20800)	15.24	15.66	15.36	15.30
	1RB-Low (0)	2565 (21400)	15.40	15.61	15.31	15.25
		2535 (21100)	15.20	15.63	15.32	15.26
		2505 (20800)	15.13	15.53	15.39	15.33
	25RB-High (25)	2565 (21400)	15.39	15.38	15.46	15.40
		2535 (21100)	15.39	15.37	15.34	15.28
		2505 (20800)	15.29	15.34	15.22	15.16
	25RB-Middle (12)	2565 (21400)	15.36	15.47	15.42	15.36
		2535 (21100)	15.27	15.32	15.25	15.19
		2505 (20800)	15.29	15.28	15.29	15.23
	25RB-Low (0)	2565 (21400)	15.36	15.31	15.36	15.30
		2535 (21100)	15.27	15.28	15.27	15.21
		2505 (20800)	15.20	15.30	15.30	15.24
	50RB (0)	2565 (21400)	15.25	15.32	15.33	15.27
		2535 (21100)	15.23	15.15	15.22	15.16
		2505 (20800)	15.19	15.20	15.29	15.23

15MHz	1RB-High (74)	2562.5 (21375)	15.10	15.43	15.26	15.20
		2535 (21100)	15.16	15.43	15.18	15.12
		2507.5 (20825)	14.95	15.29	15.31	15.25
	1RB-Middle (37)	2562.5 (21375)	15.18	15.34	15.22	15.16
		2535 (21100)	15.10	15.41	15.25	15.19
		2507.5 (20825)	15.02	15.37	15.16	15.10
	1RB-Low (0)	2562.5 (21375)	15.15	15.41	15.41	15.35
		2535 (21100)	15.02	15.34	15.18	15.12
		2507.5 (20825)	14.98	15.31	15.13	15.07
	36RB-High (38)	2562.5 (21375)	15.22	15.32	15.20	15.14
		2535 (21100)	15.20	15.16	15.16	15.10
		2507.5 (20825)	15.14	15.14	15.06	15.00
	36RB-Middle (19)	2562.5 (21375)	15.21	15.19	15.18	15.12
		2535 (21100)	15.15	15.15	15.10	15.04
		2507.5 (20825)	15.10	15.11	15.12	15.06
	36RB-Low (0)	2562.5 (21375)	15.24	15.24	15.19	15.13
		2535 (21100)	15.11	15.12	15.13	15.07
		2507.5 (20825)	15.05	15.16	15.13	15.07
	75RB (0)	2562.5 (21375)	15.18	15.15	15.20	15.14
		2535 (21100)	15.12	15.07	15.16	15.10
		2507.5 (20825)	15.14	15.15	15.15	15.09
20MHz	1RB-High (99)	2560 (21350)	15.05	15.49	15.41	15.35
		2535 (21100)	15.09	15.37	15.35	15.29
		2510 (20850)	15.05	15.21	15.15	15.09
	1RB-Middle (50)	2560 (21350)	15.19	15.59	15.42	15.36
		2535 (21100)	15.15	15.41	15.33	15.27
		2510 (20850)	15.00	15.42	15.26	15.20
	1RB-Low (0)	2560 (21350)	15.18	15.37	15.24	15.18
		2535 (21100)	15.00	15.13	15.14	15.08
		2510 (20850)	15.03	15.28	15.22	15.16
	50RB-High (50)	2560 (21350)	15.19	15.30	15.27	15.21
		2535 (21100)	15.24	15.24	15.29	15.23
		2510 (20850)	15.15	15.19	15.11	15.05
	50RB-Middle (25)	2560 (21350)	15.22	15.38	15.22	15.16
		2535 (21100)	15.16	15.02	15.11	15.05
		2510 (20850)	15.25	15.18	15.16	15.10
	50RB-Low (0)	2560 (21350)	15.19	15.31	15.25	15.19
		2535 (21100)	15.11	15.18	15.14	15.08
		2510 (20850)	15.12	15.17	15.16	15.10
	100RB (0)	2560 (21350)	15.25	15.24	15.19	15.13
		2535 (21100)	15.16	15.14	15.18	15.12
		2510 (20850)	15.10	15.18	15.15	15.09

LTE Band7(ANT2 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	19.54	19.88	19.72	17.40
		2535 (21100)	19.66	19.83	19.90	17.46
		2502.5 (20775)	19.63	19.81	19.72	17.19
	1RB-Middle (12)	2567.5 (21425)	19.74	19.98	19.88	17.54
		2535 (21100)	19.77	19.89	19.84	17.29
		2502.5 (20775)	19.76	19.81	19.83	17.30
	1RB-Low (0)	2567.5 (21425)	19.61	19.88	19.65	17.54
		2535 (21100)	19.64	19.92	19.82	17.34
		2502.5 (20775)	19.56	19.92	19.83	17.17
	12RB-High (13)	2567.5 (21425)	19.64	19.76	19.57	17.28
		2535 (21100)	19.74	19.79	19.79	17.20
		2502.5 (20775)	19.71	19.74	19.72	17.12
	12RB-Middle (6)	2567.5 (21425)	19.68	19.67	19.67	17.32
		2535 (21100)	19.70	19.74	19.74	17.30
		2502.5 (20775)	19.69	19.72	19.77	17.16
	12RB-Low (0)	2567.5 (21425)	19.66	19.63	19.64	17.30
		2535 (21100)	19.68	19.69	19.71	17.15
		2502.5 (20775)	19.66	19.70	19.85	17.12
	25RB (0)	2567.5 (21425)	19.65	19.71	19.69	17.29
		2535 (21100)	19.70	19.72	19.69	17.14
		2502.5 (20775)	19.70	19.73	19.76	17.14
10MHz	1RB-High (49)	2565 (21400)	19.50	19.96	19.69	17.29
		2535 (21100)	19.62	19.89	19.87	17.34
		2505 (20800)	19.53	19.88	19.71	16.97
	1RB-Middle (24)	2565 (21400)	19.56	19.93	19.79	17.33
		2535 (21100)	19.59	19.86	19.88	17.34
		2505 (20800)	19.68	19.86	19.92	17.28
	1RB-Low (0)	2565 (21400)	19.46	19.93	19.75	17.21
		2535 (21100)	19.61	19.82	19.81	17.23
		2505 (20800)	19.66	19.87	19.99	17.30
	25RB-High (25)	2565 (21400)	19.61	19.73	19.64	17.38
		2535 (21100)	19.77	19.84	19.80	17.25
		2505 (20800)	19.69	19.74	19.72	17.12
	25RB-Middle (12)	2565 (21400)	19.69	19.71	19.76	17.34
		2535 (21100)	19.74	19.80	19.74	17.15
		2505 (20800)	19.78	19.74	19.71	17.20
	25RB-Low (0)	2565 (21400)	19.57	19.60	19.71	17.28
		2535 (21100)	19.75	19.72	19.74	17.17
		2505 (20800)	19.64	19.73	19.78	17.20
	50RB (0)	2565 (21400)	19.61	19.60	19.63	17.24
		2535 (21100)	19.74	19.75	19.75	17.12
		2505 (20800)	19.70	19.74	19.72	17.20

15MHz	1RB-High (74)	2562.5 (21375)	19.55	19.85	19.57	17.16
		2535 (21100)	19.41	19.83	19.81	17.07
		2507.5 (20825)	19.42	19.72	19.62	17.21
	1RB-Middle (37)	2562.5 (21375)	19.77	19.63	19.60	17.12
		2535 (21100)	19.49	19.83	19.97	17.15
		2507.5 (20825)	19.52	19.72	19.60	17.05
	1RB-Low (0)	2562.5 (21375)	19.39	19.76	19.71	17.33
		2535 (21100)	19.49	19.91	19.84	17.07
		2507.5 (20825)	19.39	19.77	19.67	17.02
	36RB-High (38)	2562.5 (21375)	19.58	19.63	19.50	17.10
		2535 (21100)	19.63	19.61	19.70	17.05
		2507.5 (20825)	19.54	19.64	19.62	16.94
	36RB-Middle (19)	2562.5 (21375)	19.51	19.49	19.46	17.07
		2535 (21100)	19.62	19.60	19.63	16.98
		2507.5 (20825)	19.58	19.58	19.58	17.00
	36RB-Low (0)	2562.5 (21375)	19.35	19.59	19.47	17.08
		2535 (21100)	19.58	19.63	19.57	17.02
		2507.5 (20825)	19.55	19.49	19.47	17.02
75RB (0)	2562.5 (21375)	19.43	19.52	19.46	17.10	
	2535 (21100)	19.57	19.59	19.57	17.05	
	2507.5 (20825)	19.58	19.67	19.51	17.04	
20MHz	1RB-High (99)	2560 (21350)	19.33	19.81	19.83	17.33
		2535 (21100)	19.43	19.70	19.47	17.26
		2510 (20850)	19.43	19.95	19.79	17.04
	1RB-Middle (50)	2560 (21350)	19.55	19.80	19.35	17.34
		2535 (21100)	19.58	19.81	19.87	17.24
		2510 (20850)	19.44	19.88	19.83	17.16
	1RB-Low (0)	2560 (21350)	19.31	19.91	19.93	17.14
		2535 (21100)	19.41	19.58	19.71	17.03
		2510 (20850)	19.37	19.81	19.81	17.12
	50RB-High (50)	2560 (21350)	19.51	19.60	19.56	17.17
		2535 (21100)	19.59	19.61	19.62	17.20
		2510 (20850)	19.49	19.61	19.53	16.99
	50RB-Middle (25)	2560 (21350)	19.51	19.63	19.55	17.12
		2535 (21100)	19.51	19.69	19.55	16.99
		2510 (20850)	19.57	19.63	19.64	17.05
	50RB-Low (0)	2560 (21350)	19.49	19.54	19.51	17.15
		2535 (21100)	19.63	19.66	19.60	17.03
		2510 (20850)	19.50	19.59	19.52	17.05
100RB (0)	2560 (21350)	19.54	19.63	19.59	17.08	
	2535 (21100)	19.57	19.68	19.58	17.07	
	2510 (20850)	19.55	19.64	19.62	17.04	

LTE Band7(ANT2 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	19.53	19.65	19.83	17.57
		2535 (21100)	19.47	19.80	19.77	17.63
		2502.5 (20775)	19.43	19.77	19.79	17.36
	1RB-Middle (12)	2567.5 (21425)	19.53	19.72	19.71	17.72
		2535 (21100)	19.60	19.84	19.81	17.46
		2502.5 (20775)	19.55	19.81	19.67	17.48
	1RB-Low (0)	2567.5 (21425)	19.56	19.68	19.72	17.71
		2535 (21100)	19.45	19.85	19.82	17.51
		2502.5 (20775)	19.43	19.73	19.71	17.34
	12RB-High (13)	2567.5 (21425)	19.47	19.60	19.56	17.45
		2535 (21100)	19.63	19.69	19.68	17.38
		2502.5 (20775)	19.55	19.57	19.61	17.29
	12RB-Middle (6)	2567.5 (21425)	19.42	19.62	19.54	17.49
		2535 (21100)	19.54	19.56	19.65	17.48
		2502.5 (20775)	19.55	19.64	19.67	17.33
	12RB-Low (0)	2567.5 (21425)	19.55	19.59	19.55	17.48
		2535 (21100)	19.53	19.60	19.54	17.32
		2502.5 (20775)	19.47	19.55	19.66	17.29
	25RB (0)	2567.5 (21425)	19.51	19.58	19.50	17.47
		2535 (21100)	19.50	19.57	19.59	17.31
		2502.5 (20775)	19.57	19.60	19.62	17.31
10MHz	1RB-High (49)	2565 (21400)	19.50	19.79	19.66	17.46
		2535 (21100)	19.55	19.74	19.74	17.51
		2505 (20800)	19.44	19.77	19.78	17.14
	1RB-Middle (24)	2565 (21400)	19.37	19.72	19.61	17.50
		2535 (21100)	19.58	19.65	19.79	17.51
		2505 (20800)	19.46	19.83	19.74	17.45
	1RB-Low (0)	2565 (21400)	19.49	19.76	19.63	17.38
		2535 (21100)	19.48	19.79	19.76	17.40
		2505 (20800)	19.54	19.68	19.78	17.48
	25RB-High (25)	2565 (21400)	19.59	19.56	19.58	17.56
		2535 (21100)	19.62	19.59	19.73	17.42
		2505 (20800)	19.57	19.54	19.61	17.29
	25RB-Middle (12)	2565 (21400)	19.48	19.64	19.66	17.51
		2535 (21100)	19.53	19.62	19.59	17.32
		2505 (20800)	19.60	19.61	19.61	17.37
	25RB-Low (0)	2565 (21400)	19.46	19.47	19.47	17.45
		2535 (21100)	19.53	19.59	19.62	17.34
		2505 (20800)	19.57	19.57	19.60	17.38
	50RB (0)	2565 (21400)	19.55	19.51	19.56	17.41
		2535 (21100)	19.50	19.56	19.60	17.29
		2505 (20800)	19.53	19.54	19.60	17.37

15MHz	1RB-High (74)	2562.5 (21375)	19.57	19.75	19.67	17.33
		2535 (21100)	19.52	19.79	19.62	17.24
		2507.5 (20825)	19.75	19.75	19.66	17.38
	1RB-Middle (37)	2562.5 (21375)	19.52	19.71	19.79	17.29
		2535 (21100)	19.59	19.74	19.75	17.32
		2507.5 (20825)	19.57	19.76	19.78	17.22
	1RB-Low (0)	2562.5 (21375)	19.45	19.68	19.72	17.50
		2535 (21100)	19.66	19.65	19.75	17.24
		2507.5 (20825)	19.84	19.64	19.79	17.19
	36RB-High (38)	2562.5 (21375)	19.65	19.51	19.63	17.27
		2535 (21100)	19.66	19.67	19.71	17.22
		2507.5 (20825)	19.58	19.69	19.62	17.11
	36RB-Middle (19)	2562.5 (21375)	19.57	19.63	19.58	17.24
		2535 (21100)	19.71	19.55	19.61	17.15
		2507.5 (20825)	19.72	19.59	19.61	17.17
	36RB-Low (0)	2562.5 (21375)	19.57	19.65	19.43	17.25
		2535 (21100)	19.64	19.63	19.59	17.19
		2507.5 (20825)	19.64	19.56	19.56	17.19
75RB (0)	2562.5 (21375)	19.59	19.56	19.60	17.27	
	2535 (21100)	19.72	19.57	19.58	17.22	
	2507.5 (20825)	19.67	19.64	19.59	17.20	
20MHz	1RB-High (99)	2560 (21350)	19.20	19.26	19.37	17.50
		2535 (21100)	19.26	19.46	19.72	17.43
		2510 (20850)	19.22	19.50	19.42	17.20
	1RB-Middle (50)	2560 (21350)	19.15	19.46	19.34	17.51
		2535 (21100)	19.28	19.55	19.49	17.41
		2510 (20850)	19.38	19.61	19.83	17.33
	1RB-Low (0)	2560 (21350)	19.17	19.48	19.87	17.31
		2535 (21100)	19.27	19.49	19.38	17.20
		2510 (20850)	19.28	19.75	19.69	17.29
	50RB-High (50)	2560 (21350)	19.34	19.36	19.39	17.34
		2535 (21100)	19.40	19.49	19.40	17.37
		2510 (20850)	19.46	19.34	19.35	17.16
	50RB-Middle (25)	2560 (21350)	19.37	19.39	19.39	17.29
		2535 (21100)	19.45	19.36	19.41	17.16
		2510 (20850)	19.44	19.48	19.37	17.22
	50RB-Low (0)	2560 (21350)	19.30	19.25	19.15	17.32
		2535 (21100)	19.44	19.47	19.42	17.20
		2510 (20850)	19.29	19.29	19.32	17.22
100RB (0)	2560 (21350)	19.36	19.38	19.38	17.25	
	2535 (21100)	19.37	19.40	19.42	17.24	
	2510 (20850)	19.39	19.37	19.31	17.20	

LTE Band7(ANT2 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	14.20	14.69	14.50	14.27
		2535 (21100)	14.38	14.58	14.53	14.32
		2502.5 (20775)	14.25	14.51	14.27	14.10
	1RB-Middle (12)	2567.5 (21425)	14.29	14.46	14.54	14.39
		2535 (21100)	14.44	14.56	14.53	14.18
		2502.5 (20775)	14.30	14.56	14.37	14.20
	1RB-Low (0)	2567.5 (21425)	14.27	14.69	14.54	14.38
		2535 (21100)	14.24	14.45	14.57	14.23
		2502.5 (20775)	14.29	14.56	14.56	14.09
	12RB-High (13)	2567.5 (21425)	14.31	14.36	14.41	14.18
		2535 (21100)	14.40	14.54	14.43	14.11
		2502.5 (20775)	14.36	14.43	14.36	14.05
	12RB-Middle (6)	2567.5 (21425)	14.31	14.53	14.39	14.21
		2535 (21100)	14.40	14.39	14.43	14.20
		2502.5 (20775)	14.34	14.40	14.51	14.08
	12RB-Low (0)	2567.5 (21425)	14.28	14.39	14.37	14.20
		2535 (21100)	14.28	14.43	14.42	14.07
		2502.5 (20775)	14.33	14.41	14.35	14.05
	25RB (0)	2567.5 (21425)	14.29	14.42	14.31	14.19
		2535 (21100)	14.30	14.46	14.32	14.06
		2502.5 (20775)	14.31	14.45	14.32	14.06
10MHz	1RB-High (49)	2565 (21400)	14.16	14.59	14.61	14.18
		2535 (21100)	14.30	14.58	14.71	14.23
		2505 (20800)	14.33	14.85	14.54	13.92
	1RB-Middle (24)	2565 (21400)	14.28	14.50	14.52	14.22
		2535 (21100)	14.37	14.52	14.53	14.23
		2505 (20800)	14.24	14.81	14.43	14.18
	1RB-Low (0)	2565 (21400)	14.24	14.60	14.53	14.12
		2535 (21100)	14.35	14.86	14.67	14.13
		2505 (20800)	14.29	14.73	14.44	14.20
	25RB-High (25)	2565 (21400)	14.34	14.40	14.42	14.26
		2535 (21100)	14.45	14.54	14.44	14.16
		2505 (20800)	14.33	14.51	14.45	14.04
	25RB-Middle (12)	2565 (21400)	14.31	14.39	14.44	14.23
		2535 (21100)	14.40	14.52	14.53	14.07
		2505 (20800)	14.38	14.45	14.50	14.10
	25RB-Low (0)	2565 (21400)	14.31	14.37	14.34	14.18
		2535 (21100)	14.41	14.52	14.43	14.09
		2505 (20800)	14.34	14.51	14.42	14.11
	50RB (0)	2565 (21400)	14.19	14.32	14.28	14.14
		2535 (21100)	14.31	14.44	14.31	14.04
		2505 (20800)	14.38	14.42	14.38	14.10

15MHz	1RB-High (74)	2562.5 (21375)	14.04	14.40	14.33	14.08
		2535 (21100)	14.11	14.57	14.55	14.01
		2507.5 (20825)	14.06	14.32	14.44	14.12
	1RB-Middle (37)	2562.5 (21375)	14.15	14.76	14.26	14.04
		2535 (21100)	14.24	14.46	14.61	14.07
		2507.5 (20825)	14.11	14.46	14.47	13.98
	1RB-Low (0)	2562.5 (21375)	14.02	14.42	14.29	14.22
		2535 (21100)	14.20	14.66	14.51	14.01
		2507.5 (20825)	14.08	14.40	14.41	13.96
	36RB-High (38)	2562.5 (21375)	14.24	14.29	14.23	14.03
		2535 (21100)	14.28	14.38	14.43	13.98
		2507.5 (20825)	14.30	14.32	14.33	13.90
	36RB-Middle (19)	2562.5 (21375)	14.11	14.23	14.22	14.01
		2535 (21100)	14.27	14.28	14.36	13.93
		2507.5 (20825)	14.29	14.32	14.35	13.95
	36RB-Low (0)	2562.5 (21375)	14.12	14.22	14.25	14.02
		2535 (21100)	14.21	14.29	14.38	13.96
		2507.5 (20825)	14.14	14.32	14.17	13.96
	75RB (0)	2562.5 (21375)	14.08	14.22	14.25	14.03
		2535 (21100)	14.25	14.36	14.34	13.98
		2507.5 (20825)	14.30	14.42	14.35	13.97
20MHz	1RB-High (99)	2560 (21350)	14.20	14.39	14.38	14.22
		2535 (21100)	14.23	14.29	14.28	14.17
		2510 (20850)	14.27	14.40	14.12	13.97
	1RB-Middle (50)	2560 (21350)	14.26	14.35	14.64	14.23
		2535 (21100)	14.45	14.27	14.76	14.14
		2510 (20850)	14.34	14.21	14.26	14.08
	1RB-Low (0)	2560 (21350)	14.24	14.34	14.14	14.06
		2535 (21100)	14.27	14.38	14.17	13.97
		2510 (20850)	14.19	14.53	14.34	14.04
	50RB-High (50)	2560 (21350)	14.38	14.28	14.26	14.09
		2535 (21100)	14.38	14.24	14.29	14.10
		2510 (20850)	14.35	14.23	14.12	13.94
	50RB-Middle (25)	2560 (21350)	14.40	14.30	14.27	14.04
		2535 (21100)	14.29	14.18	14.20	13.94
		2510 (20850)	14.38	14.14	14.22	13.98
	50RB-Low (0)	2560 (21350)	14.36	14.19	14.24	14.07
		2535 (21100)	14.33	14.19	14.26	13.97
		2510 (20850)	14.26	14.12	14.10	13.98
	100RB (0)	2560 (21350)	14.43	14.29	14.25	14.02
		2535 (21100)	14.32	14.18	14.25	14.01
		2510 (20850)	14.33	14.15	14.15	13.97

LTE Band7(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	13.38	13.78	13.63	13.28
		2535 (21100)	13.55	13.68	13.66	13.32
		2502.5 (20775)	13.43	13.61	13.42	13.12
	1RB-Middle (12)	2567.5 (21425)	13.46	13.57	13.67	13.39
		2535 (21100)	13.60	13.66	13.66	13.19
		2502.5 (20775)	13.47	13.66	13.51	13.21
	1RB-Low (0)	2567.5 (21425)	13.44	13.78	13.67	13.38
		2535 (21100)	13.42	13.56	13.70	13.24
		2502.5 (20775)	13.46	13.66	13.69	13.11
	12RB-High (13)	2567.5 (21425)	13.48	13.47	13.55	13.19
		2535 (21100)	13.57	13.64	13.57	13.13
		2502.5 (20775)	13.53	13.54	13.50	13.07
	12RB-Middle (6)	2567.5 (21425)	13.48	13.63	13.53	13.22
		2535 (21100)	13.57	13.50	13.57	13.21
		2502.5 (20775)	13.51	13.51	13.64	13.10
	12RB-Low (0)	2567.5 (21425)	13.45	13.50	13.51	13.21
		2535 (21100)	13.45	13.54	13.56	13.09
		2502.5 (20775)	13.50	13.52	13.49	13.07
	25RB (0)	2567.5 (21425)	13.46	13.53	13.45	13.20
		2535 (21100)	13.47	13.57	13.46	13.08
		2502.5 (20775)	13.48	13.56	13.46	13.08
10MHz	1RB-High (49)	2565 (21400)	13.34	13.69	13.74	13.19
		2535 (21100)	13.47	13.68	13.83	13.24
		2505 (20800)	13.50	13.93	13.67	12.95
	1RB-Middle (24)	2565 (21400)	13.45	13.60	13.65	13.23
		2535 (21100)	13.54	13.62	13.66	13.24
		2505 (20800)	13.42	13.89	13.57	13.19
	1RB-Low (0)	2565 (21400)	13.42	13.70	13.66	13.14
		2535 (21100)	13.52	13.94	13.79	13.15
		2505 (20800)	13.46	13.82	13.58	13.21
	25RB-High (25)	2565 (21400)	13.51	13.51	13.56	13.27
		2535 (21100)	13.61	13.64	13.58	13.17
		2505 (20800)	13.50	13.61	13.59	13.06
	25RB-Middle (12)	2565 (21400)	13.48	13.50	13.58	13.24
		2535 (21100)	13.57	13.62	13.66	13.09
		2505 (20800)	13.55	13.56	13.63	13.12
	25RB-Low (0)	2565 (21400)	13.48	13.48	13.48	13.19
		2535 (21100)	13.58	13.62	13.57	13.11
		2505 (20800)	13.51	13.61	13.56	13.13
	50RB (0)	2565 (21400)	13.37	13.43	13.43	13.16
		2535 (21100)	13.48	13.55	13.45	13.06
		2505 (20800)	13.55	13.53	13.52	13.12

15MHz	1RB-High (74)	2562.5 (21375)	13.23	13.51	13.47	13.10
		2535 (21100)	13.29	13.67	13.68	13.03
		2507.5 (20825)	13.25	13.43	13.58	13.14
	1RB-Middle (37)	2562.5 (21375)	13.33	13.85	13.41	13.06
		2535 (21100)	13.42	13.57	13.74	13.09
		2507.5 (20825)	13.29	13.57	13.60	13.01
	1RB-Low (0)	2562.5 (21375)	13.21	13.53	13.44	13.23
		2535 (21100)	13.38	13.75	13.64	13.03
		2507.5 (20825)	13.27	13.51	13.55	12.99
	36RB-High (38)	2562.5 (21375)	13.42	13.41	13.38	13.05
		2535 (21100)	13.45	13.49	13.57	13.01
		2507.5 (20825)	13.47	13.43	13.47	12.93
	36RB-Middle (19)	2562.5 (21375)	13.29	13.35	13.37	13.03
		2535 (21100)	13.44	13.40	13.50	12.96
		2507.5 (20825)	13.46	13.43	13.49	12.98
	36RB-Low (0)	2562.5 (21375)	13.30	13.34	13.40	13.04
		2535 (21100)	13.39	13.41	13.52	12.99
		2507.5 (20825)	13.32	13.43	13.32	12.99
75RB (0)	2562.5 (21375)	13.27	13.34	13.40	13.05	
	2535 (21100)	13.43	13.47	13.48	13.01	
	2507.5 (20825)	13.47	13.53	13.49	13.00	
20MHz	1RB-High (99)	2560 (21350)	13.19	13.50	13.52	13.23
		2535 (21100)	13.28	13.57	13.53	13.18
		2510 (20850)	13.32	13.76	13.48	13.00
	1RB-Middle (50)	2560 (21350)	13.28	13.56	13.63	13.24
		2535 (21100)	13.39	13.51	13.56	13.16
		2510 (20850)	13.32	13.46	13.47	13.10
	1RB-Low (0)	2560 (21350)	13.28	13.56	13.48	13.08
		2535 (21100)	13.33	13.63	13.45	13.00
		2510 (20850)	13.24	13.46	13.37	13.06
	50RB-High (50)	2560 (21350)	13.35	13.42	13.44	13.11
		2535 (21100)	13.48	13.52	13.51	13.12
		2510 (20850)	13.49	13.51	13.51	12.97
	50RB-Middle (25)	2560 (21350)	13.41	13.39	13.42	13.06
		2535 (21100)	13.43	13.43	13.48	12.97
		2510 (20850)	13.46	13.44	13.45	13.01
	50RB-Low (0)	2560 (21350)	13.33	13.41	13.41	13.09
		2535 (21100)	13.49	13.51	13.50	13.00
		2510 (20850)	13.35	13.41	13.40	13.01
100RB (0)	2560 (21350)	13.40	13.36	13.35	13.04	
	2535 (21100)	13.42	13.43	13.41	13.03	
	2510 (20850)	13.43	13.52	13.42	13.00	

LTE Band7(ANT8 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	2567.5 (21425)	17.07	17.14	16.30	13.81	
		2535 (21100)	17.08	17.22	16.41	13.87	
		2502.5 (20775)	16.68	17.06	16.16	13.73	
	1RB-Middle (12)	2567.5 (21425)	17.14	17.23	16.43	13.63	
		2535 (21100)	17.21	17.18	16.29	13.93	
		2502.5 (20775)	16.66	17.14	16.12	13.55	
	1RB-Low (0)	2567.5 (21425)	17.00	17.22	16.16	13.73	
		2535 (21100)	17.11	14.30	16.20	13.85	
		2502.5 (20775)	16.57	16.90	15.67	13.69	
	12RB-High (13)	2567.5 (21425)	17.13	16.83	15.69	13.51	
		2535 (21100)	17.24	16.95	15.92	13.55	
		2502.5 (20775)	16.74	16.47	15.53	13.48	
	12RB-Middle (6)	2567.5 (21425)	17.14	16.77	15.82	13.54	
		2535 (21100)	17.14	16.92	15.76	13.47	
		2502.5 (20775)	16.73	16.58	15.49	13.42	
	12RB-Low (0)	2567.5 (21425)	17.18	16.82	15.74	13.47	
		2535 (21100)	17.13	16.83	15.84	13.42	
		2502.5 (20775)	16.64	16.44	15.44	13.44	
	25RB (0)	2567.5 (21425)	17.05	16.81	15.95	13.36	
		2535 (21100)	17.11	16.82	15.86	13.33	
		2502.5 (20775)	16.72	16.42	15.47	13.44	
	10MHz	1RB-High (49)	2565 (21400)	17.06	17.11	16.16	13.79
			2535 (21100)	17.15	17.29	16.32	13.92
			2505 (20800)	16.89	17.26	15.82	13.83
1RB-Middle (24)		2565 (21400)	17.19	17.23	16.23	13.62	
		2535 (21100)	17.15	17.32	16.28	13.90	
		2505 (20800)	16.77	16.88	15.98	13.77	
1RB-Low (0)		2565 (21400)	17.09	17.23	16.12	13.91	
		2535 (21100)	17.19	17.28	16.26	13.75	
		2505 (20800)	16.54	17.04	15.64	13.78	
25RB-High (25)		2565 (21400)	17.16	16.80	15.76	13.47	
		2535 (21100)	17.18	16.83	15.86	13.50	
		2505 (20800)	16.78	16.51	15.55	13.48	
25RB-Middle (12)		2565 (21400)	17.19	16.75	15.79	13.34	
		2535 (21100)	17.18	16.89	15.79	13.43	
		2505 (20800)	16.79	16.49	15.45	13.56	
25RB-Low (0)		2565 (21400)	17.09	16.80	15.73	13.41	
		2535 (21100)	17.13	16.86	15.80	13.47	
		2505 (20800)	16.76	16.41	15.42	13.43	
50RB (0)		2565 (21400)	17.03	16.73	15.71	13.37	
		2535 (21100)	17.13	16.77	15.81	13.45	
		2505 (20800)	16.81	16.52	15.35	13.49	

15MHz	1RB-High (74)	2562.5 (21375)	16.77	17.03	15.91	13.45
		2535 (21100)	16.74	16.88	15.99	13.37
		2507.5 (20825)	16.60	17.02	15.73	13.45
	1RB-Middle (37)	2562.5 (21375)	16.76	17.16	15.90	13.39
		2535 (21100)	16.88	17.21	16.06	13.44
		2507.5 (20825)	16.62	17.14	15.67	13.67
	1RB-Low (0)	2562.5 (21375)	16.68	17.03	15.76	13.92
		2535 (21100)	16.91	17.07	15.96	13.53
		2507.5 (20825)	16.53	16.52	15.36	13.44
	36RB-High (38)	2562.5 (21375)	16.91	16.58	15.53	13.30
		2535 (21100)	17.01	16.57	15.61	13.22
		2507.5 (20825)	16.74	16.36	15.38	13.21
	36RB-Middle (19)	2562.5 (21375)	16.85	16.51	15.38	13.21
		2535 (21100)	16.96	16.59	15.53	13.26
		2507.5 (20825)	16.72	16.31	15.21	13.22
	36RB-Low (0)	2562.5 (21375)	16.89	16.52	15.38	13.19
		2535 (21100)	16.99	16.53	15.55	13.31
		2507.5 (20825)	16.52	16.11	15.09	13.33
	75RB (0)	2562.5 (21375)	16.81	16.59	15.52	13.16
		2535 (21100)	16.94	16.54	15.54	13.20
		2507.5 (20825)	16.74	16.34	15.28	13.28
20MHz	1RB-High (99)	2560 (21350)	16.77	16.93	15.59	13.57
		2535 (21100)	16.76	16.89	15.29	13.45
		2510 (20850)	16.70	16.90	15.52	13.73
	1RB-Middle (50)	2560 (21350)	16.76	17.09	15.99	13.73
		2535 (21100)	16.80	17.06	15.62	13.51
		2510 (20850)	16.48	16.74	15.54	13.80
	1RB-Low (0)	2560 (21350)	16.84	16.91	15.70	13.51
		2535 (21100)	16.95	17.12	15.60	13.47
		2510 (20850)	16.32	16.29	15.34	13.49
	50RB-High (50)	2560 (21350)	16.86	16.66	14.56	13.31
		2535 (21100)	16.82	16.56	14.57	13.41
		2510 (20850)	16.83	16.37	14.56	13.32
	50RB-Middle (25)	2560 (21350)	16.88	16.60	14.53	13.21
		2535 (21100)	16.94	16.57	14.61	13.20
		2510 (20850)	16.69	16.52	14.40	13.36
	50RB-Low (0)	2560 (21350)	16.92	16.57	14.52	13.21
		2535 (21100)	16.93	16.58	14.60	13.25
		2510 (20850)	16.57	16.18	14.56	13.20
	100RB (0)	2560 (21350)	16.96	16.66	14.59	13.24
		2535 (21100)	16.93	16.58	14.53	13.18
		2510 (20850)	16.76	16.38	14.41	13.32

LTE Band7(ANT8 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	18.68	18.09	17.03	13.91
		2535 (21100)	18.74	18.16	17.25	13.97
		2502.5 (20775)	18.43	17.88	16.77	13.83
	1RB-Middle (12)	2567.5 (21425)	18.73	17.84	17.17	13.73
		2535 (21100)	18.93	17.82	17.28	14.03
		2502.5 (20775)	18.30	17.76	16.88	13.65
	1RB-Low (0)	2567.5 (21425)	18.70	18.03	17.02	13.83
		2535 (21100)	18.73	17.91	17.14	13.95
		2502.5 (20775)	18.20	17.60	16.68	13.79
	12RB-High (13)	2567.5 (21425)	17.71	16.79	15.99	13.61
		2535 (21100)	17.85	16.89	16.12	13.65
		2502.5 (20775)	17.40	16.45	15.53	13.58
	12RB-Middle (6)	2567.5 (21425)	17.78	16.81	16.12	13.64
		2535 (21100)	17.84	16.82	16.13	13.57
		2502.5 (20775)	17.36	16.43	15.78	13.51
	12RB-Low (0)	2567.5 (21425)	17.78	16.75	16.07	13.57
		2535 (21100)	17.81	16.89	16.03	13.51
		2502.5 (20775)	17.34	16.40	15.68	13.53
	25RB (0)	2567.5 (21425)	17.76	16.71	16.03	13.45
		2535 (21100)	17.73	16.77	15.99	13.42
		2502.5 (20775)	17.32	16.41	15.67	13.53
10MHz	1RB-High (49)	2565 (21400)	18.78	18.06	17.00	13.89
		2535 (21100)	18.87	18.32	17.16	14.02
		2505 (20800)	18.35	17.85	17.03	13.93
	1RB-Middle (24)	2565 (21400)	18.86	18.07	17.16	13.72
		2535 (21100)	18.81	18.04	17.12	14.00
		2505 (20800)	18.43	17.81	16.69	13.87
	1RB-Low (0)	2565 (21400)	18.67	17.89	17.20	14.01
		2535 (21100)	18.71	18.34	17.26	13.85
		2505 (20800)	18.18	17.58	16.46	13.88
	25RB-High (25)	2565 (21400)	17.78	16.78	16.09	13.57
		2535 (21100)	17.78	16.80	16.06	13.60
		2505 (20800)	17.47	16.61	15.88	13.58
	25RB-Middle (12)	2565 (21400)	17.79	16.76	15.96	13.43
		2535 (21100)	17.80	16.75	16.23	13.52
		2505 (20800)	17.48	16.51	15.70	13.66
	25RB-Low (0)	2565 (21400)	17.71	16.72	16.04	13.50
		2535 (21100)	17.85	16.81	16.06	13.57
		2505 (20800)	17.37	16.33	15.64	13.52
	50RB (0)	2565 (21400)	17.68	16.64	16.02	13.46
		2535 (21100)	17.82	16.76	16.12	13.55
		2505 (20800)	17.51	16.31	15.64	13.59

15MHz	1RB-High (74)	2562.5 (21375)	18.86	17.71	16.85	13.55
		2535 (21100)	18.53	17.90	16.75	13.46
		2507.5 (20825)	18.35	17.66	16.88	13.55
	1RB-Middle (37)	2562.5 (21375)	18.63	17.78	17.00	13.48
		2535 (21100)	18.68	17.75	16.85	13.53
		2507.5 (20825)	18.34	17.53	16.92	13.77
	1RB-Low (0)	2562.5 (21375)	18.45	18.07	17.11	14.02
		2535 (21100)	18.63	17.85	17.21	13.63
		2507.5 (20825)	18.15	17.16	16.46	13.53
	36RB-High (38)	2562.5 (21375)	17.62	16.62	15.85	13.39
		2535 (21100)	17.65	16.63	15.89	13.31
		2507.5 (20825)	17.30	16.36	15.81	13.30
	36RB-Middle (19)	2562.5 (21375)	17.60	16.64	15.86	13.30
		2535 (21100)	17.59	16.60	15.80	13.35
		2507.5 (20825)	17.28	16.49	15.62	13.31
	36RB-Low (0)	2562.5 (21375)	17.57	16.48	15.86	13.28
		2535 (21100)	17.71	16.71	15.90	13.40
		2507.5 (20825)	17.10	16.21	15.47	13.42
75RB (0)	2562.5 (21375)	17.63	16.56	15.86	13.25	
	2535 (21100)	17.63	16.68	15.90	13.29	
	2507.5 (20825)	17.29	16.48	15.66	13.37	
20MHz	1RB-High (99)	2560 (21350)	18.57	17.77	16.80	13.67
		2535 (21100)	18.51	17.63	16.87	13.55
		2510 (20850)	18.47	17.72	17.19	13.83
	1RB-Middle (50)	2560 (21350)	18.67	18.26	16.85	13.83
		2535 (21100)	18.69	18.38	16.86	13.61
		2510 (20850)	18.50	17.69	16.79	13.90
	1RB-Low (0)	2560 (21350)	18.64	17.76	17.14	13.61
		2535 (21100)	18.47	17.67	17.00	13.57
		2510 (20850)	18.06	17.24	16.67	13.59
	50RB-High (50)	2560 (21350)	17.72	16.65	16.00	13.40
		2535 (21100)	17.72	16.63	16.04	13.50
		2510 (20850)	17.55	16.56	15.76	13.41
	50RB-Middle (25)	2560 (21350)	17.70	16.65	15.98	13.30
		2535 (21100)	17.61	16.70	15.99	13.29
		2510 (20850)	17.46	16.48	15.76	13.45
	50RB-Low (0)	2560 (21350)	17.59	16.64	15.93	13.30
		2535 (21100)	17.70	16.74	15.94	13.34
		2510 (20850)	17.23	16.33	15.63	13.29
100RB (0)	2560 (21350)	17.67	16.63	15.86	13.33	
	2535 (21100)	17.74	16.73	16.00	13.27	
	2510 (20850)	17.49	16.46	15.66	13.41	

LTE Band7(ANT8 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	11.21	11.40	11.45	11.21
		2535 (21100)	11.20	11.46	11.44	11.25
		2502.5 (20775)	11.22	11.33	11.38	11.39
	1RB-Middle (12)	2567.5 (21425)	11.29	11.25	11.34	11.36
		2535 (21100)	11.25	11.51	11.22	11.31
		2502.5 (20775)	11.27	11.43	11.34	11.30
	1RB-Low (0)	2567.5 (21425)	11.25	11.33	11.38	11.41
		2535 (21100)	11.31	11.44	11.45	11.24
		2502.5 (20775)	11.28	11.30	11.23	11.24
	12RB-High (13)	2567.5 (21425)	11.36	11.40	11.36	11.21
		2535 (21100)	11.31	11.43	11.34	11.41
		2502.5 (20775)	11.27	11.37	11.39	11.23
	12RB-Middle (6)	2567.5 (21425)	11.30	11.42	11.40	11.25
		2535 (21100)	11.40	11.36	11.40	11.24
		2502.5 (20775)	11.29	11.32	11.43	11.26
	12RB-Low (0)	2567.5 (21425)	11.20	11.36	11.32	11.21
		2535 (21100)	11.31	11.32	11.33	11.45
		2502.5 (20775)	11.24	11.34	11.37	11.41
	25RB (0)	2567.5 (21425)	11.27	11.27	11.27	11.40
		2535 (21100)	11.14	11.25	11.25	11.40
		2502.5 (20775)	11.22	11.34	11.37	11.45
10MHz	1RB-High (49)	2565 (21400)	11.27	11.38	11.21	11.37
		2535 (21100)	11.29	11.50	11.41	11.31
		2505 (20800)	11.30	11.41	11.37	11.44
	1RB-Middle (24)	2565 (21400)	11.27	11.24	11.34	11.32
		2535 (21100)	11.29	11.48	11.44	11.28
		2505 (20800)	11.29	11.36	11.45	11.23
	1RB-Low (0)	2565 (21400)	11.14	11.49	11.38	11.27
		2535 (21100)	11.28	11.35	11.37	11.25
		2505 (20800)	11.20	11.37	11.35	11.22
	25RB-High (25)	2565 (21400)	11.34	11.36	11.34	11.44
		2535 (21100)	11.36	11.39	11.35	11.23
		2505 (20800)	11.36	11.37	11.36	11.44
	25RB-Middle (12)	2565 (21400)	11.23	11.26	11.34	11.21
		2535 (21100)	11.32	11.33	11.39	11.41
		2505 (20800)	11.36	11.44	11.21	11.21
	25RB-Low (0)	2565 (21400)	11.22	11.31	11.34	11.40
		2535 (21100)	11.29	11.36	11.34	11.44
		2505 (20800)	11.31	11.33	11.32	11.23
	50RB (0)	2565 (21400)	11.16	11.28	11.15	11.37
		2535 (21100)	11.27	11.35	11.33	11.36
		2505 (20800)	11.28	11.38	11.37	11.23

15MHz	1RB-High (74)	2562.5 (21375)	11.16	11.35	11.16	11.41
		2535 (21100)	11.12	11.28	11.17	11.24
		2507.5 (20825)	10.97	11.35	11.18	11.24
	1RB-Middle (37)	2562.5 (21375)	11.09	11.30	11.24	11.41
		2535 (21100)	11.14	11.34	11.34	11.22
		2507.5 (20825)	11.05	11.28	11.31	11.36
	1RB-Low (0)	2562.5 (21375)	11.00	11.50	11.09	11.31
		2535 (21100)	11.08	11.41	11.15	11.42
		2507.5 (20825)	11.01	11.34	11.12	11.37
	36RB-High (38)	2562.5 (21375)	11.14	11.22	11.24	11.33
		2535 (21100)	11.22	11.16	11.27	11.38
		2507.5 (20825)	11.16	11.15	11.25	11.35
	36RB-Middle (19)	2562.5 (21375)	11.14	11.15	11.23	11.31
		2535 (21100)	11.12	11.19	11.18	11.35
		2507.5 (20825)	11.16	11.16	11.22	11.31
	36RB-Low (0)	2562.5 (21375)	11.06	11.13	11.11	11.29
		2535 (21100)	11.18	11.23	11.14	11.34
		2507.5 (20825)	11.20	11.25	11.21	11.33
	75RB (0)	2562.5 (21375)	11.20	11.11	11.18	11.34
		2535 (21100)	11.12	11.14	11.14	11.34
		2507.5 (20825)	11.18	11.21	11.20	11.39
20MHz	1RB-High (99)	2560 (21350)	10.96	11.22	11.07	11.07
		2535 (21100)	10.94	11.35	11.18	11.18
		2510 (20850)	11.01	11.26	10.99	10.99
	1RB-Middle (50)	2560 (21350)	10.89	11.21	11.16	11.16
		2535 (21100)	11.02	11.39	11.06	11.06
		2510 (20850)	10.78	11.18	10.97	10.97
	1RB-Low (0)	2560 (21350)	10.96	11.39	10.98	10.98
		2535 (21100)	10.97	11.31	11.03	11.03
		2510 (20850)	10.83	10.75	10.84	10.84
	50RB-High (50)	2560 (21350)	11.00	11.12	11.05	11.05
		2535 (21100)	11.20	11.23	11.23	11.23
		2510 (20850)	10.99	11.05	11.05	11.05
	50RB-Middle (25)	2560 (21350)	11.07	11.19	11.19	11.19
		2535 (21100)	11.10	11.16	11.16	11.16
		2510 (20850)	11.00	11.00	11.00	11.00
	50RB-Low (0)	2560 (21350)	11.10	11.10	11.08	11.08
		2535 (21100)	11.13	11.17	11.20	11.20
		2510 (20850)	10.73	10.83	10.81	10.81
	100RB (0)	2560 (21350)	11.05	11.24	11.14	11.14
		2535 (21100)	11.07	11.19	11.19	11.19
		2510 (20850)	10.95	11.02	10.91	10.91

LTE Band12(ANT0 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	24.35	24.19	22.61	19.83
		707.5 (23095)	24.50	23.83	22.78	19.92
		699.7 (23017)	24.49	23.88	22.69	20.00
	1RB-Middle (3)	715.3 (23173)	24.56	24.00	22.70	20.23
		707.5 (23095)	24.46	23.83	22.78	19.76
		699.7 (23017)	24.52	23.89	23.01	20.11
	1RB-Low (0)	715.3 (23173)	24.43	23.60	22.65	20.09
		707.5 (23095)	24.38	23.91	22.57	19.85
		699.7 (23017)	24.41	23.89	22.74	19.98
	3RB-High (3)	715.3 (23173)	24.50	23.68	22.74	19.98
		707.5 (23095)	24.62	23.70	22.71	19.92
		699.7 (23017)	24.46	23.70	22.61	19.85
	3RB-Middle (1)	715.3 (23173)	24.41	23.51	22.58	19.96
		707.5 (23095)	24.47	23.58	22.61	20.00
		699.7 (23017)	24.59	23.70	22.74	19.98
	3RB-Low (0)	715.3 (23173)	24.45	23.54	22.55	20.01
		707.5 (23095)	24.43	23.60	22.51	19.92
		699.7 (23017)	24.41	23.58	22.62	19.91
	6RB (0)	715.3 (23173)	23.38	22.43	21.54	19.85
		707.5 (23095)	23.38	22.48	21.70	19.83
		699.7 (23017)	23.38	22.49	21.59	19.83
3MHz	1RB-High (14)	714.5 (23165)	24.36	23.73	22.80	19.87
		707.5 (23095)	24.36	23.64	22.59	20.22
		700.5 (23025)	24.31	23.90	22.71	20.11
	1RB-Middle (7)	714.5 (23165)	24.44	23.84	22.80	19.89
		707.5 (23095)	24.50	23.86	22.72	20.12
		700.5 (23025)	24.50	23.82	22.73	20.05
	1RB-Low (0)	714.5 (23165)	24.34	23.88	22.85	19.96
		707.5 (23095)	24.39	23.72	22.72	20.03
		700.5 (23025)	24.38	23.81	22.71	20.00
	8RB-High (7)	714.5 (23165)	23.48	22.56	21.55	19.94
		707.5 (23095)	23.51	22.62	21.61	19.89
		700.5 (23025)	23.54	22.62	21.61	19.96
	8RB-Middle (4)	714.5 (23165)	23.53	22.59	21.67	19.89
		707.5 (23095)	23.50	22.54	21.69	19.92
		700.5 (23025)	23.56	22.54	21.73	19.85
	8RB-Low (0)	714.5 (23165)	23.39	22.50	21.55	19.92
		707.5 (23095)	23.45	22.43	21.54	19.83
		700.5 (23025)	23.52	22.55	21.67	19.89
	15RB (0)	714.5 (23165)	23.37	22.40	21.48	19.96
		707.5 (23095)	23.40	22.42	21.53	19.78
		700.5 (23025)	23.51	22.55	21.65	19.76

5MHz	1RB-High (24)	713.5 (23155)	24.36	23.76	22.72	19.86
		707.5 (23095)	24.40	23.80	22.61	19.85
		701.5 (23035)	24.43	23.84	22.94	19.98
	1RB-Middle (12)	713.5 (23155)	24.58	23.73	22.71	19.54
		707.5 (23095)	24.59	23.80	22.96	19.85
		701.5 (23035)	24.50	23.98	22.67	19.94
	1RB-Low (0)	713.5 (23155)	24.60	23.74	22.86	19.76
		707.5 (23095)	24.37	23.75	22.70	19.67
		701.5 (23035)	24.44	23.75	22.83	20.29
	12RB-High (13)	713.5 (23155)	23.47	22.59	21.59	19.78
		707.5 (23095)	23.51	22.57	21.66	19.70
		701.5 (23035)	23.43	22.52	21.61	19.80
	12RB-Middle (6)	713.5 (23155)	23.44	22.58	21.63	19.74
		707.5 (23095)	23.41	22.48	21.66	19.67
		701.5 (23035)	23.55	22.54	21.73	19.74
	12RB-Low (0)	713.5 (23155)	23.44	22.44	21.61	19.67
		707.5 (23095)	23.40	22.49	21.51	19.63
		701.5 (23035)	23.50	22.60	21.63	19.72
	25RB (0)	713.5 (23155)	23.42	22.39	21.57	19.70
		707.5 (23095)	23.38	22.37	21.56	19.72
		701.5 (23035)	23.48	22.49	21.66	19.72
10MHz	1RB-High (49)	711 (23130)	24.33	23.87	22.64	19.57
		707.5 (23095)	24.38	23.80	22.79	19.54
		704 (23060)	24.44	23.71	22.99	19.67
	1RB-Middle (24)	711 (23130)	24.36	23.60	22.90	19.61
		707.5 (23095)	24.48	23.77	22.61	20.18
		704 (23060)	24.43	23.81	22.72	19.83
	1RB-Low (0)	711 (23130)	24.33	24.10	22.98	20.18
		707.5 (23095)	24.52	23.91	22.53	19.83
		704 (23060)	24.41	23.96	22.69	19.65
	25RB-High (25)	711 (23130)	23.43	22.44	21.68	19.60
		707.5 (23095)	23.55	22.49	21.45	19.70
		704 (23060)	23.47	22.53	21.65	19.72
	25RB-Middle (12)	711 (23130)	23.56	22.54	21.66	19.74
		707.5 (23095)	23.40	22.50	21.49	19.63
		704 (23060)	23.50	22.56	21.64	19.65
	25RB-Low (0)	711 (23130)	23.43	22.47	21.61	19.74
		707.5 (23095)	23.48	22.42	21.52	19.72
		704 (23060)	23.47	22.52	21.60	19.70
	50RB (0)	711 (23130)	23.50	22.55	21.63	19.72
		707.5 (23095)	23.41	22.40	21.54	19.61
		704 (23060)	23.57	22.52	21.59	19.60

LTE Band12(ANT0 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	24.13	23.86	22.68	19.60
		707.5 (23095)	24.10	24.08	22.93	19.69
		699.7 (23017)	24.25	23.96	22.72	19.77
	1RB-Middle (3)	715.3 (23173)	24.15	24.09	22.81	20.00
		707.5 (23095)	24.13	23.90	22.97	19.53
		699.7 (23017)	24.16	23.97	23.04	19.88
	1RB-Low (0)	715.3 (23173)	24.26	24.06	22.94	19.86
		707.5 (23095)	24.01	24.00	22.84	19.62
		699.7 (23017)	24.21	24.03	22.92	19.75
	3RB-High (3)	715.3 (23173)	24.05	23.97	22.77	19.75
		707.5 (23095)	24.18	23.73	22.86	19.69
		699.7 (23017)	24.20	23.88	22.77	19.62
	3RB-Middle (1)	715.3 (23173)	24.29	23.84	22.71	19.73
		707.5 (23095)	24.11	23.76	22.90	19.77
		699.7 (23017)	24.19	23.83	22.87	19.75
	3RB-Low (0)	715.3 (23173)	24.27	23.65	22.79	19.78
		707.5 (23095)	24.11	23.63	22.78	19.69
		699.7 (23017)	24.30	23.81	22.67	19.68
	6RB (0)	715.3 (23173)	23.52	22.48	21.63	19.62
		707.5 (23095)	23.54	22.49	21.71	19.60
		699.7 (23017)	23.63	22.79	21.72	19.60
3MHz	1RB-High (14)	714.5 (23165)	24.06	23.88	22.76	19.64
		707.5 (23095)	24.03	23.81	22.96	19.99
		700.5 (23025)	24.14	23.93	22.83	19.88
	1RB-Middle (7)	714.5 (23165)	24.23	24.06	22.97	19.66
		707.5 (23095)	24.26	23.93	22.75	19.89
		700.5 (23025)	24.21	23.93	22.76	19.82
	1RB-Low (0)	714.5 (23165)	24.10	23.70	22.80	19.73
		707.5 (23095)	24.00	23.73	22.90	19.80
		700.5 (23025)	24.16	23.99	22.81	19.77
	8RB-High (7)	714.5 (23165)	23.61	22.63	21.75	19.71
		707.5 (23095)	23.58	22.71	21.78	19.66
		700.5 (23025)	23.66	22.67	21.77	19.73
	8RB-Middle (4)	714.5 (23165)	23.69	22.82	21.77	19.66
		707.5 (23095)	23.73	22.65	21.77	19.69
		700.5 (23025)	23.72	22.72	21.78	19.62
	8RB-Low (0)	714.5 (23165)	23.59	22.52	21.71	19.69
		707.5 (23095)	23.53	22.59	21.62	19.60
		700.5 (23025)	23.74	22.77	21.81	19.66
	15RB (0)	714.5 (23165)	23.50	22.47	21.65	19.73
		707.5 (23095)	23.54	22.52	21.63	19.55
		700.5 (23025)	23.66	22.64	21.75	19.53

5MHz	1RB-High (24)	713.5 (23155)	24.20	23.80	22.91	19.63
		707.5 (23095)	24.02	23.77	22.81	19.62
		701.5 (23035)	24.19	23.98	22.71	19.75
	1RB-Middle (12)	713.5 (23155)	24.13	23.92	22.81	19.31
		707.5 (23095)	24.29	24.10	22.96	19.62
		701.5 (23035)	24.29	23.97	22.96	19.71
	1RB-Low (0)	713.5 (23155)	24.11	23.91	23.01	19.53
		707.5 (23095)	24.23	23.99	22.89	19.44
		701.5 (23035)	24.23	23.97	22.72	20.05
	12RB-High (13)	713.5 (23155)	23.60	22.73	21.70	19.55
		707.5 (23095)	23.63	22.65	21.72	19.47
		701.5 (23035)	23.59	22.69	21.72	19.57
	12RB-Middle (6)	713.5 (23155)	23.63	22.60	21.78	19.51
		707.5 (23095)	23.57	22.57	21.69	19.44
		701.5 (23035)	23.68	22.75	21.82	19.51
	12RB-Low (0)	713.5 (23155)	23.56	22.61	21.72	19.44
		707.5 (23095)	23.59	22.66	21.60	19.40
		701.5 (23035)	23.64	22.66	21.75	19.49
	25RB (0)	713.5 (23155)	23.57	22.62	21.65	19.47
		707.5 (23095)	23.57	22.55	21.70	19.49
		701.5 (23035)	23.64	22.59	21.72	19.49
10MHz	1RB-High (49)	711 (23130)	24.07	23.99	22.83	19.34
		707.5 (23095)	24.09	23.98	23.06	19.31
		704 (23060)	24.02	24.07	22.95	19.44
	1RB-Middle (24)	711 (23130)	24.14	23.99	22.78	19.38
		707.5 (23095)	24.17	23.99	22.77	19.95
		704 (23060)	24.30	23.99	22.74	19.60
	1RB-Low (0)	711 (23130)	24.18	24.01	22.78	19.95
		707.5 (23095)	24.31	23.98	22.85	19.60
		704 (23060)	24.22	23.91	22.94	19.42
	25RB-High (25)	711 (23130)	23.61	22.64	21.69	19.37
		707.5 (23095)	23.58	22.60	21.73	19.47
		704 (23060)	23.60	22.66	21.65	19.49
	25RB-Middle (12)	711 (23130)	23.65	22.69	21.75	19.51
		707.5 (23095)	23.66	22.63	21.64	19.40
		704 (23060)	23.74	22.69	21.75	19.42
	25RB-Low (0)	711 (23130)	23.58	22.65	21.73	19.51
		707.5 (23095)	23.61	22.61	21.75	19.49
		704 (23060)	23.61	22.66	21.73	19.47
	50RB (0)	711 (23130)	23.70	22.61	21.77	19.49
		707.5 (23095)	23.57	22.51	21.68	19.38
		704 (23060)	23.64	22.65	21.75	19.37

LTE Band12(ANT0 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	18.08	18.43	18.17	17.95
		707.5 (23095)	18.13	18.25	18.22	17.77
		699.7 (23017)	18.14	18.06	18.23	17.58
	1RB-Middle (3)	715.3 (23173)	18.23	18.45	18.32	17.96
		707.5 (23095)	18.24	18.30	18.33	17.82
		699.7 (23017)	18.15	18.22	18.24	17.74
	1RB-Low (0)	715.3 (23173)	18.16	18.46	18.25	17.98
		707.5 (23095)	18.17	18.26	18.26	17.78
		699.7 (23017)	18.16	18.26	18.25	17.78
	3RB-High (3)	715.3 (23173)	18.19	18.28	18.28	17.80
		707.5 (23095)	18.17	18.28	18.26	17.79
		699.7 (23017)	18.22	18.24	18.31	17.76
	3RB-Middle (1)	715.3 (23173)	18.24	18.26	18.33	17.78
		707.5 (23095)	18.16	18.23	18.25	17.75
		699.7 (23017)	18.23	18.21	18.32	17.73
	3RB-Low (0)	715.3 (23173)	18.25	18.31	18.34	17.82
		707.5 (23095)	18.24	18.18	18.33	17.71
		699.7 (23017)	18.16	18.16	18.25	17.68
	6RB (0)	715.3 (23173)	18.28	18.24	18.37	17.76
		707.5 (23095)	18.27	18.16	18.36	17.68
		699.7 (23017)	18.09	18.09	18.18	17.61
3MHz	1RB-High (14)	714.5 (23165)	18.07	18.35	18.16	17.87
		707.5 (23095)	18.06	18.37	18.15	17.89
		700.5 (23025)	18.06	18.50	18.15	18.01
	1RB-Middle (7)	714.5 (23165)	18.03	18.51	18.12	18.02
		707.5 (23095)	18.09	18.51	18.18	18.02
		700.5 (23025)	18.07	18.45	18.16	17.96
	1RB-Low (0)	714.5 (23165)	18.11	18.42	18.20	17.94
		707.5 (23095)	18.01	18.29	18.10	17.81
		700.5 (23025)	18.08	18.53	18.17	18.05
	8RB-High (7)	714.5 (23165)	18.06	18.22	18.15	17.74
		707.5 (23095)	18.09	18.18	18.18	17.70
		700.5 (23025)	18.12	18.19	18.21	17.71
	8RB-Middle (4)	714.5 (23165)	18.17	18.24	18.26	17.76
		707.5 (23095)	18.16	18.22	18.25	17.74
		700.5 (23025)	18.14	18.25	18.23	17.77
	8RB-Low (0)	714.5 (23165)	18.09	18.18	18.18	17.71
		707.5 (23095)	18.11	18.13	18.20	17.66
		700.5 (23025)	18.03	18.21	18.12	17.74
	15RB (0)	714.5 (23165)	18.15	18.13	18.24	17.65
		707.5 (23095)	18.11	18.14	18.20	17.66
		700.5 (23025)	18.17	18.17	18.26	17.69

5MHz	1RB-High (24)	713.5 (23155)	18.10	18.51	18.19	18.02
		707.5 (23095)	18.14	18.47	18.23	17.98
		701.5 (23035)	18.06	18.42	18.15	17.93
	1RB-Middle (12)	713.5 (23155)	18.28	18.52	18.37	18.03
		707.5 (23095)	18.28	18.64	18.37	18.15
		701.5 (23035)	18.14	18.51	18.23	18.02
	1RB-Low (0)	713.5 (23155)	18.15	18.58	18.24	18.09
		707.5 (23095)	18.08	18.35	18.17	17.86
		701.5 (23035)	18.09	18.47	18.17	17.98
	12RB-High (13)	713.5 (23155)	18.16	18.10	18.25	17.62
		707.5 (23095)	18.11	18.27	18.20	17.79
		701.5 (23035)	18.17	18.17	18.26	17.69
	12RB-Middle (6)	713.5 (23155)	18.19	18.06	18.28	17.59
		707.5 (23095)	18.14	18.24	18.23	17.76
		701.5 (23035)	18.20	18.21	18.29	17.73
	12RB-Low (0)	713.5 (23155)	18.16	18.05	18.25	17.58
		707.5 (23095)	18.10	18.24	18.19	17.76
		701.5 (23035)	18.13	18.21	18.22	17.73
	25RB (0)	713.5 (23155)	18.11	18.11	18.20	17.64
		707.5 (23095)	18.14	18.22	18.23	17.75
		701.5 (23035)	18.15	18.18	18.24	17.70
10MHz	1RB-High (49)	711 (23130)	18.08	18.45	18.17	17.96
		707.5 (23095)	18.15	18.46	18.24	17.97
		704 (23060)	18.22	18.57	18.31	18.08
	1RB-Middle (24)	711 (23130)	18.19	18.52	18.28	18.03
		707.5 (23095)	18.15	18.38	18.24	17.89
		704 (23060)	18.15	18.52	18.24	18.03
	1RB-Low (0)	711 (23130)	18.11	18.45	18.20	17.96
		707.5 (23095)	18.16	18.63	18.25	18.14
		704 (23060)	18.23	18.62	18.32	18.13
	25RB-High (25)	711 (23130)	18.18	18.24	18.27	17.76
		707.5 (23095)	18.16	18.24	18.25	17.76
		704 (23060)	18.15	18.17	18.24	17.69
	25RB-Middle (12)	711 (23130)	18.14	18.19	18.23	17.71
		707.5 (23095)	18.13	18.15	18.22	17.67
		704 (23060)	18.20	18.20	18.29	17.72
	25RB-Low (0)	711 (23130)	18.14	18.18	18.23	17.70
		707.5 (23095)	18.14	18.18	18.23	17.70
		704 (23060)	18.13	18.15	18.22	17.67
	50RB (0)	711 (23130)	18.13	18.09	18.22	17.61
		707.5 (23095)	18.20	18.17	18.29	17.69
		704 (23060)	18.17	18.18	18.26	17.70

LTE Band12(ANT3 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	21.70	22.10	21.86	19.11
		707.5 (23095)	21.60	22.04	21.82	18.99
		699.7 (23017)	21.80	22.14	21.92	18.78
	1RB-Middle (3)	715.3 (23173)	21.73	22.06	21.96	19.12
		707.5 (23095)	21.77	22.06	21.85	18.94
		699.7 (23017)	21.70	22.07	22.06	18.86
	1RB-Low (0)	715.3 (23173)	21.66	22.18	21.83	18.80
		707.5 (23095)	21.78	22.04	21.75	18.63
		699.7 (23017)	21.68	22.09	21.75	18.77
	3RB-High (3)	715.3 (23173)	21.82	21.81	21.80	18.67
		707.5 (23095)	21.70	21.92	21.69	18.63
		699.7 (23017)	21.69	21.91	21.81	18.71
	3RB-Middle (1)	715.3 (23173)	21.78	21.89	21.71	18.59
		707.5 (23095)	21.77	21.86	21.76	18.52
		699.7 (23017)	21.73	21.90	21.85	18.62
	3RB-Low (0)	715.3 (23173)	21.68	21.87	21.80	18.60
		707.5 (23095)	21.65	21.69	21.71	18.54
		699.7 (23017)	21.62	21.83	21.77	18.67
	6RB (0)	715.3 (23173)	21.67	21.68	20.82	18.62
		707.5 (23095)	21.61	21.77	20.77	18.51
		699.7 (23017)	21.75	21.85	20.84	18.62
3MHz	1RB-High (14)	714.5 (23165)	21.59	21.82	21.89	18.83
		707.5 (23095)	21.56	22.01	21.87	18.62
		700.5 (23025)	21.56	21.93	21.90	18.60
	1RB-Middle (7)	714.5 (23165)	21.81	22.15	21.82	19.04
		707.5 (23095)	21.81	22.06	21.90	18.73
		700.5 (23025)	21.76	21.98	21.98	19.04
	1RB-Low (0)	714.5 (23165)	21.61	21.78	21.86	18.93
		707.5 (23095)	21.73	22.03	21.79	18.66
		700.5 (23025)	21.70	22.02	21.91	18.66
	8RB-High (7)	714.5 (23165)	21.82	21.82	20.89	18.64
		707.5 (23095)	21.71	21.82	20.91	18.54
		700.5 (23025)	21.74	21.98	20.93	18.62
	8RB-Middle (4)	714.5 (23165)	21.75	21.89	21.03	18.66
		707.5 (23095)	21.78	21.86	20.87	18.50
		700.5 (23025)	21.77	21.88	21.02	18.66
	8RB-Low (0)	714.5 (23165)	21.66	21.82	20.88	18.58
		707.5 (23095)	21.72	21.70	20.80	18.46
		700.5 (23025)	21.78	21.81	20.95	18.62
	15RB (0)	714.5 (23165)	21.67	21.68	20.82	18.52
		707.5 (23095)	21.62	21.67	20.80	18.46
		700.5 (23025)	21.70	21.83	20.85	18.49

5MHz	1RB-High (24)	713.5 (23155)	21.69	21.87	21.78	18.99
		707.5 (23095)	21.59	22.04	21.79	18.67
		701.5 (23035)	21.52	22.05	21.74	18.82
	1RB-Middle (12)	713.5 (23155)	21.79	21.98	21.88	18.93
		707.5 (23095)	21.74	22.02	21.78	18.92
		701.5 (23035)	21.80	22.03	22.08	18.94
	1RB-Low (0)	713.5 (23155)	21.66	22.05	21.79	19.03
		707.5 (23095)	21.62	22.05	21.90	18.67
		701.5 (23035)	21.62	22.11	21.79	18.78
	12RB-High (13)	713.5 (23155)	21.70	21.77	20.96	18.56
		707.5 (23095)	21.71	21.87	20.91	18.51
		701.5 (23035)	21.74	21.89	20.98	18.53
	12RB-Middle (6)	713.5 (23155)	21.68	21.80	20.83	18.53
		707.5 (23095)	21.73	21.78	20.88	18.40
		701.5 (23035)	21.68	21.90	20.94	18.57
	12RB-Low (0)	713.5 (23155)	21.67	21.85	20.83	18.51
		707.5 (23095)	21.66	21.77	20.79	18.47
		701.5 (23035)	21.75	21.84	21.00	18.52
	25RB (0)	713.5 (23155)	21.65	21.72	20.85	18.42
		707.5 (23095)	21.68	21.68	20.80	18.50
		701.5 (23035)	21.76	21.79	20.83	18.50
10MHz	1RB-High (49)	711 (23130)	21.67	21.90	21.76	19.04
		707.5 (23095)	21.69	21.90	21.82	18.91
		704 (23060)	21.58	22.11	22.12	18.79
	1RB-Middle (24)	711 (23130)	21.61	22.10	21.82	18.89
		707.5 (23095)	21.69	22.15	21.93	18.77
		704 (23060)	21.67	21.89	21.75	18.70
	1RB-Low (0)	711 (23130)	21.78	22.15	21.87	19.07
		707.5 (23095)	21.71	22.11	21.84	19.18
		704 (23060)	21.74	22.13	22.02	18.90
	25RB-High (25)	711 (23130)	21.68	21.73	20.89	18.49
		707.5 (23095)	21.73	21.77	20.96	18.52
		704 (23060)	21.76	21.80	20.96	18.42
	25RB-Middle (12)	711 (23130)	21.81	21.83	21.02	18.56
		707.5 (23095)	21.76	21.69	20.94	18.44
		704 (23060)	21.79	21.79	20.93	18.45
	25RB-Low (0)	711 (23130)	21.71	21.72	20.86	18.44
		707.5 (23095)	21.70	21.72	20.86	18.42
		704 (23060)	21.75	21.69	20.87	18.46
	50RB (0)	711 (23130)	21.80	21.76	20.96	18.44
		707.5 (23095)	21.73	21.70	20.89	18.51
		704 (23060)	21.85	21.75	20.93	18.38

LTE Band12(ANT3 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	23.79	23.35	21.94	18.97
		707.5 (23095)	23.75	23.14	22.15	18.85
		699.7 (23017)	23.76	23.35	22.03	18.64
	1RB-Middle (3)	715.3 (23173)	23.83	23.17	22.13	18.98
		707.5 (23095)	23.74	23.11	22.03	18.81
		699.7 (23017)	23.75	23.60	22.16	18.72
	1RB-Low (0)	715.3 (23173)	23.70	23.05	22.05	18.67
		707.5 (23095)	23.58	23.32	22.33	18.49
		699.7 (23017)	23.80	23.14	22.11	18.63
	3RB-High (3)	715.3 (23173)	23.79	22.98	21.91	18.54
		707.5 (23095)	23.82	23.15	22.00	18.49
		699.7 (23017)	23.75	22.94	22.06	18.57
	3RB-Middle (1)	715.3 (23173)	23.85	22.95	22.16	18.46
		707.5 (23095)	23.79	22.87	22.09	18.39
		699.7 (23017)	23.84	23.01	22.13	18.48
	3RB-Low (0)	715.3 (23173)	23.75	23.04	22.11	18.47
		707.5 (23095)	23.72	22.92	21.96	18.41
		699.7 (23017)	23.90	23.04	22.14	18.54
	6RB (0)	715.3 (23173)	22.75	21.76	20.97	18.48
		707.5 (23095)	22.70	21.74	20.89	18.37
		699.7 (23017)	22.75	21.86	21.11	18.48
3MHz	1RB-High (14)	714.5 (23165)	23.65	23.15	21.93	18.69
		707.5 (23095)	23.69	23.08	22.11	18.48
		700.5 (23025)	23.67	23.11	22.06	18.47
	1RB-Middle (7)	714.5 (23165)	23.81	23.02	22.28	18.90
		707.5 (23095)	23.85	23.06	22.01	18.60
		700.5 (23025)	23.73	23.30	22.12	18.90
	1RB-Low (0)	714.5 (23165)	23.64	23.10	22.03	18.79
		707.5 (23095)	23.84	22.81	22.02	18.53
		700.5 (23025)	23.65	23.06	22.20	18.53
	8RB-High (7)	714.5 (23165)	22.85	21.87	21.08	18.50
		707.5 (23095)	22.83	21.93	20.94	18.41
		700.5 (23025)	22.81	21.89	20.99	18.48
	8RB-Middle (4)	714.5 (23165)	22.90	21.86	21.14	18.53
		707.5 (23095)	22.78	21.94	21.08	18.36
		700.5 (23025)	22.88	21.91	21.03	18.53
	8RB-Low (0)	714.5 (23165)	22.75	21.72	20.99	18.44
		707.5 (23095)	22.62	21.76	20.96	18.33
		700.5 (23025)	22.88	21.91	21.01	18.48
	15RB (0)	714.5 (23165)	22.67	21.82	20.94	18.39
		707.5 (23095)	22.73	21.76	20.98	18.33
		700.5 (23025)	22.75	21.89	20.97	18.35

5MHz	1RB-High (24)	713.5 (23155)	23.77	22.92	22.03	18.85
		707.5 (23095)	23.75	23.06	22.12	18.54
		701.5 (23035)	23.75	23.07	22.11	18.68
	1RB-Middle (12)	713.5 (23155)	23.85	23.36	22.13	18.79
		707.5 (23095)	24.00	23.18	22.06	18.78
		701.5 (23035)	23.83	23.09	22.14	18.81
	1RB-Low (0)	713.5 (23155)	23.79	23.02	22.25	18.89
		707.5 (23095)	23.71	22.90	22.09	18.54
		701.5 (23035)	23.77	23.05	21.96	18.64
	12RB-High (13)	713.5 (23155)	22.84	21.78	21.07	18.42
		707.5 (23095)	22.87	21.82	21.06	18.37
		701.5 (23035)	22.83	21.80	21.05	18.40
	12RB-Middle (6)	713.5 (23155)	22.82	21.84	20.93	18.40
		707.5 (23095)	22.75	21.81	21.03	18.27
		701.5 (23035)	22.79	21.91	21.08	18.43
	12RB-Low (0)	713.5 (23155)	22.73	21.76	20.97	18.37
		707.5 (23095)	22.80	21.79	21.01	18.34
		701.5 (23035)	22.80	21.98	21.12	18.39
	25RB (0)	713.5 (23155)	22.80	21.75	20.90	18.28
		707.5 (23095)	22.70	21.80	20.93	18.36
		701.5 (23035)	22.80	21.82	21.01	18.36
10MHz	1RB-High (49)	711 (23130)	23.77	22.98	22.19	18.90
		707.5 (23095)	23.75	23.28	22.14	18.77
		704 (23060)	23.74	23.11	22.29	18.65
	1RB-Middle (24)	711 (23130)	23.83	23.19	22.20	18.75
		707.5 (23095)	23.73	23.09	22.09	18.63
		704 (23060)	23.74	22.97	22.10	18.56
	1RB-Low (0)	711 (23130)	23.80	23.20	22.25	18.93
		707.5 (23095)	23.67	23.21	22.03	19.04
		704 (23060)	23.80	23.31	22.17	18.76
	25RB-High (25)	711 (23130)	22.91	21.85	21.02	18.35
		707.5 (23095)	22.83	21.92	21.05	18.39
		704 (23060)	22.87	21.83	20.97	18.28
	25RB-Middle (12)	711 (23130)	22.91	21.89	21.13	18.42
		707.5 (23095)	22.72	21.83	21.03	18.30
		704 (23060)	22.83	21.88	21.07	18.32
	25RB-Low (0)	711 (23130)	22.82	21.76	21.08	18.30
		707.5 (23095)	22.77	21.81	21.08	18.28
		704 (23060)	22.73	21.81	21.00	18.33
	50RB (0)	711 (23130)	22.86	21.87	21.04	18.30
		707.5 (23095)	22.73	21.82	20.94	18.37
		704 (23060)	22.85	21.86	21.06	18.25

LTE Band12(ANT3 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	15.66	16.25	15.95	15.78
		707.5 (23095)	15.74	16.15	15.97	15.68
		699.7 (23017)	15.64	15.97	15.99	15.51
	1RB-Middle (3)	715.3 (23173)	15.66	16.26	16.09	15.79
		707.5 (23095)	15.62	16.11	15.94	15.65
		699.7 (23017)	15.69	16.04	15.97	15.58
	1RB-Low (0)	715.3 (23173)	15.72	15.99	15.85	15.53
		707.5 (23095)	15.71	15.84	15.83	15.38
		699.7 (23017)	15.84	15.96	15.97	15.50
	3RB-High (3)	715.3 (23173)	15.66	15.88	15.89	15.42
		707.5 (23095)	15.74	15.84	15.71	15.38
		699.7 (23017)	15.80	15.91	15.72	15.45
	3RB-Middle (1)	715.3 (23173)	15.71	15.81	15.80	15.35
		707.5 (23095)	15.68	15.75	15.62	15.30
		699.7 (23017)	15.69	15.83	15.92	15.37
	3RB-Low (0)	715.3 (23173)	15.77	15.82	15.78	15.36
		707.5 (23095)	15.65	15.77	15.57	15.32
		699.7 (23017)	15.68	15.88	15.86	15.42
	6RB (0)	715.3 (23173)	15.70	15.83	15.75	15.37
		707.5 (23095)	15.66	15.74	15.66	15.29
		699.7 (23017)	15.71	15.83	15.83	15.37
3MHz	1RB-High (14)	714.5 (23165)	15.66	16.01	15.73	15.55
		707.5 (23095)	15.61	15.83	15.82	15.37
		700.5 (23025)	15.56	15.82	15.61	15.36
	1RB-Middle (7)	714.5 (23165)	15.66	16.19	15.98	15.72
		707.5 (23095)	15.76	15.93	15.92	15.47
		700.5 (23025)	15.70	16.19	16.00	15.72
	1RB-Low (0)	714.5 (23165)	15.76	16.10	15.72	15.64
		707.5 (23095)	15.66	15.87	15.79	15.41
		700.5 (23025)	15.71	15.87	15.86	15.41
	8RB-High (7)	714.5 (23165)	15.72	15.85	15.77	15.39
		707.5 (23095)	15.69	15.77	15.81	15.32
		700.5 (23025)	15.79	15.83	15.73	15.37
	8RB-Middle (4)	714.5 (23165)	15.84	15.87	15.77	15.41
		707.5 (23095)	15.79	15.73	15.70	15.28
		700.5 (23025)	15.75	15.87	15.80	15.41
	8RB-Low (0)	714.5 (23165)	15.64	15.80	15.75	15.34
		707.5 (23095)	15.65	15.70	15.60	15.25
		700.5 (23025)	15.78	15.83	15.79	15.37
	15RB (0)	714.5 (23165)	15.66	15.75	15.73	15.30
		707.5 (23095)	15.66	15.70	15.72	15.25
		700.5 (23025)	15.69	15.72	15.76	15.27

5MHz	1RB-High (24)	713.5 (23155)	15.69	16.15	15.80	15.68
		707.5 (23095)	15.74	15.88	15.79	15.42
		701.5 (23035)	15.57	16.00	15.82	15.54
	1RB-Middle (12)	713.5 (23155)	15.84	16.10	15.85	15.64
		707.5 (23095)	15.80	16.09	15.85	15.63
		701.5 (23035)	15.65	16.11	15.92	15.65
	1RB-Low (0)	713.5 (23155)	15.78	16.18	15.80	15.71
		707.5 (23095)	15.61	15.88	15.61	15.42
		701.5 (23035)	15.56	15.97	15.84	15.51
	12RB-High (13)	713.5 (23155)	15.74	15.78	15.82	15.33
		707.5 (23095)	15.70	15.74	15.71	15.29
		701.5 (23035)	15.71	15.76	15.71	15.31
	12RB-Middle (6)	713.5 (23155)	15.69	15.76	15.70	15.31
		707.5 (23095)	15.68	15.65	15.63	15.20
		701.5 (23035)	15.81	15.79	15.72	15.33
	12RB-Low (0)	713.5 (23155)	15.77	15.74	15.67	15.29
		707.5 (23095)	15.69	15.71	15.63	15.26
		701.5 (23035)	15.75	15.75	15.86	15.30
	25RB (0)	713.5 (23155)	15.71	15.66	15.66	15.21
		707.5 (23095)	15.68	15.73	15.69	15.28
		701.5 (23035)	15.71	15.73	15.69	15.28
10MHz	1RB-High (49)	711 (23130)	15.60	16.19	15.73	15.72
		707.5 (23095)	15.73	16.08	15.81	15.62
		704 (23060)	15.66	15.98	15.90	15.52
	1RB-Middle (24)	711 (23130)	15.66	16.06	15.89	15.60
		707.5 (23095)	15.73	15.96	15.74	15.50
		704 (23060)	15.69	15.90	15.95	15.44
	1RB-Low (0)	711 (23130)	15.62	16.22	15.84	15.75
		707.5 (23095)	15.84	16.31	15.75	15.84
		704 (23060)	15.86	16.07	15.85	15.61
	25RB-High (25)	711 (23130)	15.79	15.72	15.77	15.27
		707.5 (23095)	15.70	15.75	15.61	15.30
		704 (23060)	15.73	15.66	15.74	15.21
	25RB-Middle (12)	711 (23130)	15.67	15.78	15.75	15.33
		707.5 (23095)	15.68	15.68	15.65	15.23
		704 (23060)	15.79	15.69	15.74	15.24
	25RB-Low (0)	711 (23130)	15.71	15.68	15.74	15.23
		707.5 (23095)	15.74	15.66	15.67	15.21
		704 (23060)	15.74	15.70	15.76	15.25
	50RB (0)	711 (23130)	15.69	15.68	15.69	15.23
		707.5 (23095)	15.77	15.74	15.81	15.29
		704 (23060)	15.78	15.63	15.74	15.18

LTE Band13(ANT0 DSI 1_3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	23.47	23.11	21.77	18.61
		782 (23230)	23.63	23.20	21.82	18.56
		779.5 (23205)	23.57	22.93	21.72	18.51
	1RB-Middle (12)	784.5 (23255)	23.64	22.92	21.90	18.78
		782 (23230)	23.97	22.95	21.67	18.77
		779.5 (23205)	23.73	23.14	21.87	18.76
	1RB-Low (0)	784.5 (23255)	23.65	23.04	21.98	18.71
		782 (23230)	23.70	23.23	21.94	18.63
		779.5 (23205)	23.60	22.96	22.05	18.44
	12RB-High (13)	784.5 (23255)	22.69	21.77	20.84	18.39
		782 (23230)	22.66	21.69	20.76	18.49
		779.5 (23205)	22.72	21.74	20.82	18.51
	12RB-Middle (6)	784.5 (23255)	22.65	21.63	20.70	18.55
		782 (23230)	22.68	21.64	20.70	18.40
		779.5 (23205)	22.69	21.78	20.76	18.43
	12RB-Low (0)	784.5 (23255)	22.73	21.65	20.75	18.40
		782 (23230)	22.63	21.69	20.66	18.42
		779.5 (23205)	22.55	21.64	20.70	18.46
	25RB (0)	784.5 (23255)	22.60	21.62	20.69	18.44
		782 (23230)	22.64	21.60	20.71	18.44
		779.5 (23205)	22.71	21.66	20.72	18.51
10MHz	1RB-High (49)	782 (23230)	23.52	22.90	21.90	18.48
	1RB-Middle (24)	782 (23230)	23.80	22.98	21.97	18.61
	1RB-Low (0)	782 (23230)	23.65	23.20	21.74	18.54
	25RB-High (25)	782 (23230)	22.63	21.65	20.74	18.40
	25RB-Middle (12)	782 (23230)	22.69	21.72	20.72	18.48
	25RB-Low (0)	782 (23230)	22.68	21.70	20.73	18.43
	50RB (0)	782 (23230)	22.62	21.63	20.69	18.41

LTE Band13(ANT0 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	17.68	18.12	17.95	17.82
		782 (23230)	17.62	18.13	17.90	17.77
		779.5 (23205)	17.83	18.08	17.85	17.72
	1RB-Middle (12)	784.5 (23255)	17.70	18.13	18.11	17.98
		782 (23230)	17.83	18.15	18.10	17.97
		779.5 (23205)	17.89	18.19	18.09	17.96
	1RB-Low (0)	784.5 (23255)	17.66	18.10	18.05	17.92
		782 (23230)	17.70	18.12	17.97	17.84
		779.5 (23205)	17.67	18.16	17.79	17.66
	12RB-High (13)	784.5 (23255)	17.78	17.84	17.74	17.61
		782 (23230)	17.77	17.90	17.83	17.70
		779.5 (23205)	17.84	17.86	17.85	17.72
	12RB-Middle (6)	784.5 (23255)	17.85	17.82	17.89	17.76
		782 (23230)	17.73	17.76	17.75	17.62
		779.5 (23205)	17.84	17.97	17.78	17.65
	12RB-Low (0)	784.5 (23255)	17.73	17.68	17.75	17.62
		782 (23230)	17.78	17.75	17.77	17.64
		779.5 (23205)	17.82	17.84	17.81	17.68
	25RB (0)	784.5 (23255)	17.82	17.80	17.79	17.66
		782 (23230)	17.73	17.77	17.79	17.66
		779.5 (23205)	17.88	17.85	17.85	17.72
10MHz	1RB-High (49)	782 (23230)	17.73	18.14	17.82	17.69
	1RB-Middle (24)	782 (23230)	17.90	18.12	17.95	17.82
	1RB-Low (0)	782 (23230)	17.69	18.20	17.88	17.75
	25RB-High (25)	782 (23230)	17.81	17.86	17.75	17.62
	25RB-Middle (12)	782 (23230)	17.77	17.82	17.82	17.69
	25RB-Low (0)	782 (23230)	17.76	17.77	17.78	17.65
	50RB (0)	782 (23230)	17.74	17.76	17.76	17.63

LTE Band13(ANT3 DSI 1/3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	784.5 (23255)	22.90	22.05	21.79	17.62	
		782 (23230)	22.80	22.28	21.94	17.77	
		779.5 (23205)	22.79	22.22	21.89	17.72	
	1RB-Middle (12)	784.5 (23255)	22.84	22.21	21.98	17.85	
		782 (23230)	23.11	22.13	22.08	17.76	
		779.5 (23205)	22.92	22.32	22.07	17.77	
	1RB-Low (0)	784.5 (23255)	22.87	22.09	21.90	17.65	
		782 (23230)	22.80	22.11	22.00	17.79	
		779.5 (23205)	22.77	22.05	21.92	17.77	
	12RB-High (13)	784.5 (23255)	21.82	20.90	20.94	17.49	
		782 (23230)	21.92	20.94	20.86	17.53	
		779.5 (23205)	21.81	20.97	20.88	17.57	
	12RB-Middle (6)	784.5 (23255)	21.83	20.80	20.89	17.50	
		782 (23230)	21.80	20.86	20.88	17.55	
		779.5 (23205)	21.93	20.90	20.91	17.51	
	12RB-Low (0)	784.5 (23255)	21.78	20.77	20.86	17.51	
		782 (23230)	21.85	20.90	20.86	17.44	
		779.5 (23205)	21.77	20.87	20.86	17.48	
	25RB (0)	784.5 (23255)	21.80	20.82	20.82	17.51	
		782 (23230)	21.81	20.86	20.77	17.42	
		779.5 (23205)	21.84	20.86	20.91	17.42	
	10MHz	1RB-High (49)	782 (23230)	22.75	22.19	21.94	17.86
		1RB-Middle (24)	782 (23230)	22.84	22.46	21.96	17.87
		1RB-Low (0)	782 (23230)	22.82	22.34	21.94	17.83
25RB-High (25)		782 (23230)	21.89	20.91	20.90	17.62	
25RB-Middle (12)		782 (23230)	21.86	20.94	20.87	17.63	
25RB-Low (0)		782 (23230)	21.85	20.85	20.92	17.60	
50RB (0)		782 (23230)	21.86	20.84	20.90	17.59	

LTE Band13(ANT3 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	784.5 (23255)	18.35	18.45	18.34	17.74	
		782 (23230)	18.21	18.61	18.28	17.89	
		779.5 (23205)	18.29	18.55	18.40	17.84	
	1RB-Middle (12)	784.5 (23255)	18.28	18.69	18.73	17.97	
		782 (23230)	18.42	18.60	18.52	17.88	
		779.5 (23205)	18.23	18.61	18.31	17.89	
	1RB-Low (0)	784.5 (23255)	18.32	18.48	18.27	17.77	
		782 (23230)	18.37	18.63	18.38	17.91	
		779.5 (23205)	18.23	18.61	18.28	17.89	
	12RB-High (13)	784.5 (23255)	18.30	18.31	18.36	17.61	
		782 (23230)	18.33	18.35	18.38	17.64	
		779.5 (23205)	18.33	18.40	18.35	17.69	
	12RB-Middle (6)	784.5 (23255)	18.42	18.32	18.34	17.62	
		782 (23230)	18.29	18.38	18.22	17.67	
		779.5 (23205)	18.36	18.33	18.29	17.62	
	12RB-Low (0)	784.5 (23255)	18.29	18.33	18.27	17.62	
		782 (23230)	18.28	18.26	18.24	17.56	
		779.5 (23205)	18.29	18.30	18.23	17.60	
	25RB (0)	784.5 (23255)	18.32	18.33	18.19	17.62	
		782 (23230)	18.28	18.24	18.22	17.54	
		779.5 (23205)	18.30	18.24	18.26	17.54	
	10MHz	1RB-High (49)	782 (23230)	18.18	18.70	18.43	17.98
		1RB-Middle (24)	782 (23230)	18.42	18.71	18.50	17.99
		1RB-Low (0)	782 (23230)	18.34	18.67	18.48	17.95
25RB-High (25)		782 (23230)	18.41	18.45	18.47	17.74	
25RB-Middle (12)		782 (23230)	18.45	18.46	18.41	17.75	
25RB-Low (0)		782 (23230)	18.46	18.43	18.35	17.72	
50RB (0)		782 (23230)	18.35	18.42	18.41	17.71	

LTE Band17(ANT0 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	713.5 (23825)	24.54	24.00	22.64	19.83
		710 (23790)	24.45	23.80	22.70	19.63
		706.5 (23755)	24.58	23.96	22.74	19.42
	1RB-Middle (12)	713.5 (23825)	24.55	23.92	22.97	19.84
		710 (23790)	24.54	23.99	23.07	19.68
		706.5 (23755)	24.65	23.97	22.84	19.60
	1RB-Low (0)	713.5 (23825)	24.47	23.80	22.77	19.86
		710 (23790)	24.50	24.02	22.85	19.64
		706.5 (23755)	24.55	23.85	22.75	19.64
	12RB-High (13)	713.5 (23825)	23.56	22.56	21.69	19.66
		710 (23790)	23.52	22.59	21.62	19.65
		706.5 (23755)	23.53	22.60	21.68	19.62
	12RB-Middle (6)	713.5 (23825)	23.61	22.74	21.79	19.64
		710 (23790)	23.63	22.67	21.76	19.61
		706.5 (23755)	23.59	22.63	21.72	19.58
	12RB-Low (0)	713.5 (23825)	23.50	22.64	21.71	19.68
		710 (23790)	23.61	22.55	21.71	19.56
		706.5 (23755)	23.62	22.62	21.74	19.53
	25RB (0)	713.5 (23825)	23.53	22.63	21.60	19.62
		710 (23790)	23.53	22.61	21.59	19.53
		706.5 (23755)	23.59	22.59	21.65	19.45
10MHz	1RB-High (49)	711 (23800)	24.40	23.78	22.68	19.74
		710 (23790)	24.56	24.08	22.62	19.76
		709 (23780)	24.58	24.06	22.76	19.89
	1RB-Middle (24)	711 (23800)	24.59	23.87	22.81	19.91
		710 (23790)	24.56	23.85	23.01	19.91
		709 (23780)	24.48	23.91	22.78	19.84
	1RB-Low (0)	711 (23800)	24.47	23.94	22.74	19.82
		710 (23790)	24.57	23.92	22.74	19.67
		709 (23780)	24.47	24.09	22.88	19.94
	25RB-High (25)	711 (23800)	23.45	22.60	21.57	19.60
		710 (23790)	23.61	22.46	21.71	19.55
		709 (23780)	23.66	22.69	21.75	19.56
	25RB-Middle (12)	711 (23800)	23.56	22.61	21.75	19.62
		710 (23790)	23.59	22.69	21.70	19.60
		709 (23780)	23.65	22.69	21.76	19.63
	25RB-Low (0)	711 (23800)	23.60	22.56	21.66	19.56
		710 (23790)	23.57	22.60	21.70	19.51
		709 (23780)	23.54	22.57	21.67	19.60
	50RB (0)	711 (23800)	23.61	22.62	21.59	19.50
		710 (23790)	23.56	22.59	21.65	19.51
		709 (23780)	23.61	22.47	21.79	19.54

LTE Band17(ANT0 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	713.5 (23825)	24.19	23.74	22.74	19.75
		710 (23790)	24.22	23.98	23.06	19.55
		706.5 (23755)	24.31	23.97	22.92	19.34
	1RB-Middle (12)	713.5 (23825)	24.26	23.79	22.85	19.76
		710 (23790)	24.30	24.03	22.84	19.60
		706.5 (23755)	24.23	23.82	22.64	19.52
	1RB-Low (0)	713.5 (23825)	24.31	23.96	22.85	19.78
		710 (23790)	24.18	24.02	22.90	19.56
		706.5 (23755)	24.21	23.88	22.79	19.56
	12RB-High (13)	713.5 (23825)	23.52	22.61	21.76	19.58
		710 (23790)	23.54	22.53	21.62	19.57
		706.5 (23755)	23.58	22.61	21.74	19.54
	12RB-Middle (6)	713.5 (23825)	23.58	22.64	21.78	19.56
		710 (23790)	23.54	22.62	21.69	19.53
		706.5 (23755)	23.59	22.62	21.67	19.50
	12RB-Low (0)	713.5 (23825)	23.61	22.59	21.69	19.60
		710 (23790)	23.57	22.65	21.66	19.48
		706.5 (23755)	23.57	22.63	21.68	19.45
	25RB (0)	713.5 (23825)	23.57	22.57	21.69	19.54
		710 (23790)	23.54	22.61	21.66	19.45
		706.5 (23755)	23.60	22.61	21.61	19.37
10MHz	1RB-High (49)	711 (23800)	24.20	23.86	22.85	19.66
		710 (23790)	24.09	23.77	22.86	19.68
		709 (23780)	24.33	24.12	22.63	19.81
	1RB-Middle (24)	711 (23800)	24.39	23.97	22.81	19.83
		710 (23790)	24.21	24.05	22.91	19.83
		709 (23780)	24.28	24.20	22.83	19.76
	1RB-Low (0)	711 (23800)	24.25	24.04	23.01	19.74
		710 (23790)	24.16	24.12	22.56	19.59
		709 (23780)	24.20	24.01	22.72	19.86
	25RB-High (25)	711 (23800)	23.51	22.50	21.64	19.52
		710 (23790)	23.54	22.57	21.67	19.47
		709 (23780)	23.62	22.58	21.66	19.48
	25RB-Middle (12)	711 (23800)	23.59	22.62	21.67	19.54
		710 (23790)	23.63	22.61	21.64	19.52
		709 (23780)	23.62	22.66	21.76	19.55
	25RB-Low (0)	711 (23800)	23.64	22.61	21.64	19.48
		710 (23790)	23.58	22.63	21.65	19.43
		709 (23780)	23.57	22.57	21.62	19.52
	50RB (0)	711 (23800)	23.54	22.59	21.61	19.42
		710 (23790)	23.56	22.55	21.61	19.43
		709 (23780)	23.54	22.58	21.69	19.46

LTE Band17(ANT0 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	713.5 (23825)	18.19	18.44	18.30	18.13	
		710 (23790)	18.14	18.55	18.24	18.07	
		706.5 (23755)	18.17	18.72	18.38	18.21	
	1RB-Middle (12)	713.5 (23825)	18.19	18.54	18.33	18.16	
		710 (23790)	18.29	18.56	18.42	18.25	
		706.5 (23755)	18.28	18.56	18.28	18.11	
	1RB-Low (0)	713.5 (23825)	18.22	18.72	18.25	18.08	
		710 (23790)	18.27	18.35	18.33	18.16	
		706.5 (23755)	18.21	18.68	18.27	18.10	
	12RB-High (13)	713.5 (23825)	18.21	18.31	18.28	18.11	
		710 (23790)	18.25	18.36	18.39	18.22	
		706.5 (23755)	18.27	18.23	18.22	18.05	
	12RB-Middle (6)	713.5 (23825)	18.30	18.38	18.39	18.22	
		710 (23790)	18.25	18.38	18.29	18.12	
		706.5 (23755)	18.28	18.37	18.31	18.14	
	12RB-Low (0)	713.5 (23825)	18.27	18.43	18.36	18.19	
		710 (23790)	18.27	18.32	18.26	18.09	
		706.5 (23755)	18.34	18.31	18.37	18.20	
	25RB (0)	713.5 (23825)	18.21	18.27	18.23	18.06	
		710 (23790)	18.23	18.25	18.25	18.08	
		706.5 (23755)	18.28	18.30	18.29	18.12	
	10MHz	1RB-High (49)	711 (23800)	18.09	18.70	18.40	18.23
			710 (23790)	18.12	18.51	18.51	18.34
			709 (23780)	18.13	18.47	18.20	18.03
1RB-Middle (24)		711 (23800)	18.22	18.40	18.43	18.26	
		710 (23790)	18.24	18.71	18.43	18.26	
		709 (23780)	18.22	18.45	18.38	18.21	
1RB-Low (0)		711 (23800)	18.18	18.53	18.47	18.30	
		710 (23790)	18.26	18.77	18.47	18.30	
		709 (23780)	18.34	18.69	18.43	18.26	
25RB-High (25)		711 (23800)	18.26	18.25	18.26	18.09	
		710 (23790)	18.23	18.25	18.33	18.16	
		709 (23780)	18.27	18.31	18.27	18.10	
25RB-Middle (12)		711 (23800)	18.25	18.27	18.31	18.14	
		710 (23790)	18.17	18.28	18.28	18.11	
		709 (23780)	18.32	18.26	18.42	18.25	
25RB-Low (0)		711 (23800)	18.22	18.26	18.21	18.04	
		710 (23790)	18.25	18.28	18.27	18.10	
		709 (23780)	18.27	18.26	18.28	18.11	
50RB (0)		711 (23800)	18.24	18.17	18.19	18.02	
		710 (23790)	18.21	18.25	18.22	18.05	
		709 (23780)	18.19	18.25	18.20	18.03	

LTE Band17(ANT3 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	713.5 (23825)	21.57	21.80	21.78	18.64
		710 (23790)	21.80	22.20	21.74	18.83
		706.5 (23755)	21.67	22.04	21.89	18.85
	1RB-Middle (12)	713.5 (23825)	21.86	21.97	22.04	18.85
		710 (23790)	21.91	22.24	22.23	19.20
		706.5 (23755)	21.80	22.15	21.82	19.07
	1RB-Low (0)	713.5 (23825)	21.70	21.94	21.82	18.98
		710 (23790)	21.66	21.94	21.85	18.79
		706.5 (23755)	21.63	22.25	21.96	18.80
	12RB-High (13)	713.5 (23825)	21.69	21.75	20.76	18.45
		710 (23790)	21.69	21.68	20.77	18.65
		706.5 (23755)	21.70	21.78	20.85	18.56
	12RB-Middle (6)	713.5 (23825)	21.83	21.80	20.76	18.56
		710 (23790)	21.78	21.78	20.78	18.62
		706.5 (23755)	21.75	21.79	20.73	18.72
	12RB-Low (0)	713.5 (23825)	21.78	21.87	20.73	18.59
		710 (23790)	21.64	21.74	20.81	18.55
		706.5 (23755)	21.72	21.85	20.66	18.64
	25RB (0)	713.5 (23825)	21.73	21.75	20.73	18.56
		710 (23790)	21.63	21.71	20.65	18.45
		706.5 (23755)	21.72	21.70	20.72	18.55
10MHz	1RB-High (49)	711 (23800)	21.61	22.09	21.66	18.66
		710 (23790)	21.59	22.07	21.71	19.12
		709 (23780)	21.74	22.26	21.63	19.18
	1RB-Middle (24)	711 (23800)	21.73	22.20	21.89	19.00
		710 (23790)	21.70	22.12	22.01	18.80
		709 (23780)	21.65	22.10	21.80	18.98
	1RB-Low (0)	711 (23800)	21.69	22.06	21.87	19.11
		710 (23790)	21.58	22.27	21.89	18.85
		709 (23780)	21.70	22.14	21.88	19.12
	25RB-High (25)	711 (23800)	21.64	21.64	20.61	18.60
		710 (23790)	21.66	21.74	20.74	18.56
		709 (23780)	21.77	21.75	20.78	18.59
	25RB-Middle (12)	711 (23800)	21.69	21.72	20.73	18.59
		710 (23790)	21.77	21.81	20.80	18.55
		709 (23780)	21.80	21.81	20.84	18.64
	25RB-Low (0)	711 (23800)	21.73	21.77	20.74	18.64
		710 (23790)	21.69	21.80	20.75	18.56
		709 (23780)	21.74	21.70	20.73	18.56
	50RB (0)	711 (23800)	21.66	21.69	20.75	18.52
		710 (23790)	21.72	21.74	20.70	18.53
		709 (23780)	21.73	21.78	20.71	18.50

LTE Band17(ANT3 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	713.5 (23825)	23.69	23.24	21.98	18.57	
		710 (23790)	23.70	22.99	22.06	18.76	
		706.5 (23755)	23.80	23.17	22.04	18.78	
	1RB-Middle (12)	713.5 (23825)	23.78	23.29	22.26	18.78	
		710 (23790)	23.98	23.45	22.03	19.13	
		706.5 (23755)	23.68	23.22	22.18	19.00	
	1RB-Low (0)	713.5 (23825)	23.93	23.01	22.13	18.91	
		710 (23790)	23.79	23.18	22.06	18.72	
		706.5 (23755)	23.72	23.15	22.15	18.73	
	12RB-High (13)	713.5 (23825)	22.74	21.78	20.98	18.38	
		710 (23790)	22.77	21.89	20.96	18.58	
		706.5 (23755)	22.78	21.86	21.05	18.49	
	12RB-Middle (6)	713.5 (23825)	22.85	21.95	21.12	18.49	
		710 (23790)	22.74	21.88	21.02	18.55	
		706.5 (23755)	22.84	21.77	21.10	18.65	
	12RB-Low (0)	713.5 (23825)	22.82	21.87	21.09	18.52	
		710 (23790)	22.77	21.78	20.97	18.48	
		706.5 (23755)	22.75	21.90	20.98	18.57	
	25RB (0)	713.5 (23825)	22.84	21.78	20.98	18.49	
		710 (23790)	22.78	21.77	20.98	18.38	
		706.5 (23755)	22.81	21.80	20.96	18.48	
	10MHz	1RB-High (49)	711 (23800)	23.69	22.99	22.13	18.59
			710 (23790)	23.64	23.37	21.96	19.05
			709 (23780)	23.64	23.10	22.42	19.11
1RB-Middle (24)		711 (23800)	23.72	23.01	22.06	18.93	
		710 (23790)	23.86	23.09	22.15	18.73	
		709 (23780)	23.89	23.01	22.14	18.91	
1RB-Low (0)		711 (23800)	23.74	23.03	22.06	19.04	
		710 (23790)	23.61	23.04	22.25	18.78	
		709 (23780)	23.74	23.53	22.10	19.05	
25RB-High (25)		711 (23800)	22.73	21.81	20.99	18.54	
		710 (23790)	22.80	21.75	20.95	18.49	
		709 (23780)	22.82	21.78	21.06	18.52	
25RB-Middle (12)		711 (23800)	22.86	21.83	21.00	18.52	
		710 (23790)	22.84	21.79	20.97	18.48	
		709 (23780)	22.90	21.91	21.13	18.57	
25RB-Low (0)		711 (23800)	22.77	21.83	21.02	18.57	
		710 (23790)	22.78	21.80	21.06	18.49	
		709 (23780)	22.79	21.80	21.00	18.49	
50RB (0)		711 (23800)	22.73	21.84	20.95	18.45	
		710 (23790)	22.77	21.79	20.97	18.47	
		709 (23780)	22.73	21.80	20.93	18.43	

LTE Band17(ANT3 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	713.5 (23825)	15.70	15.93	15.92	15.51
		710 (23790)	15.71	16.09	15.87	15.67
		706.5 (23755)	15.70	16.11	15.83	15.69
	1RB-Middle (12)	713.5 (23825)	16.16	16.11	15.75	15.69
		710 (23790)	15.96	16.41	16.04	15.98
		706.5 (23755)	15.72	16.30	16.07	15.88
	1RB-Low (0)	713.5 (23825)	15.81	16.22	15.88	15.80
		710 (23790)	15.65	16.06	16.28	15.64
		706.5 (23755)	15.88	16.07	15.84	15.65
	12RB-High (13)	713.5 (23825)	15.83	15.77	15.87	15.36
		710 (23790)	15.83	15.94	15.93	15.52
		706.5 (23755)	15.73	15.86	15.80	15.45
	12RB-Middle (6)	713.5 (23825)	15.90	15.86	15.95	15.45
		710 (23790)	15.85	15.91	15.84	15.50
		706.5 (23755)	15.88	16.00	15.89	15.58
	12RB-Low (0)	713.5 (23825)	15.83	15.89	15.90	15.48
		710 (23790)	15.78	15.85	15.82	15.44
		706.5 (23755)	15.86	15.93	15.79	15.51
	25RB (0)	713.5 (23825)	15.83	15.86	15.82	15.45
		710 (23790)	15.80	15.77	15.76	15.36
		706.5 (23755)	15.79	15.85	15.83	15.44
10MHz	1RB-High (49)	711 (23800)	15.62	15.95	16.02	15.53
		710 (23790)	15.81	16.34	15.90	15.91
		709 (23780)	15.73	16.39	15.89	15.96
	1RB-Middle (24)	711 (23800)	15.86	16.24	15.89	15.82
		710 (23790)	15.80	16.07	15.83	15.65
		709 (23780)	15.83	16.22	16.03	15.80
	1RB-Low (0)	711 (23800)	15.82	16.33	16.05	15.90
		710 (23790)	15.91	16.11	15.99	15.69
		709 (23780)	15.93	16.34	15.80	15.91
	25RB-High (25)	711 (23800)	15.86	15.90	15.88	15.49
		710 (23790)	15.95	15.86	15.89	15.45
		709 (23780)	15.85	15.89	15.92	15.48
	25RB-Middle (12)	711 (23800)	15.87	15.89	15.77	15.48
		710 (23790)	15.87	15.85	15.85	15.44
		709 (23780)	15.91	15.93	15.89	15.51
	25RB-Low (0)	711 (23800)	15.88	15.93	15.87	15.51
		710 (23790)	15.83	15.86	15.85	15.45
		709 (23780)	15.82	15.86	15.86	15.45
	50RB (0)	711 (23800)	15.84	15.83	15.81	15.42
		710 (23790)	15.83	15.84	15.83	15.43
		709 (23780)	15.85	15.81	15.76	15.40

LTE Band25(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	17.47	17.86	17.41	17.32
		1882.5 (26365)	17.59	17.97	17.66	17.57
		1850.7 (26047)	17.59	17.91	17.78	17.69
	1RB-Middle (3)	1914.3 (26683)	17.47	18.01	17.56	17.47
		1882.5 (26365)	17.66	18.10	17.73	17.64
		1850.7 (26047)	17.60	18.01	17.74	17.65
	1RB-Low (0)	1914.3 (26683)	17.71	17.87	17.62	17.53
		1882.5 (26365)	17.64	18.13	17.90	17.81
		1850.7 (26047)	17.53	17.91	17.60	17.51
	3RB-High (3)	1914.3 (26683)	17.47	17.71	17.51	17.42
		1882.5 (26365)	17.75	17.82	17.85	17.76
		1850.7 (26047)	17.59	17.98	17.72	17.63
	3RB-Middle (1)	1914.3 (26683)	17.40	17.70	17.63	17.54
		1882.5 (26365)	17.71	17.95	17.71	17.62
		1850.7 (26047)	17.65	17.82	17.73	17.64
	3RB-Low (0)	1914.3 (26683)	17.48	17.68	17.50	17.41
		1882.5 (26365)	17.63	17.75	17.69	17.60
		1850.7 (26047)	17.63	17.73	17.69	17.60
	6RB (0)	1914.3 (26683)	17.45	17.53	17.51	17.42
		1882.5 (26365)	17.57	17.58	17.61	17.52
		1850.7 (26047)	17.75	17.74	17.59	17.50
3MHz	1RB-High (14)	1913.5 (26675)	17.37	17.71	17.45	17.36
		1882.5 (26365)	17.56	17.94	17.64	17.55
		1851.5 (26055)	17.48	17.88	17.79	17.70
	1RB-Middle (7)	1913.5 (26675)	17.50	17.89	17.65	17.56
		1882.5 (26365)	17.72	17.93	17.86	17.77
		1851.5 (26055)	17.60	18.10	17.83	17.74
	1RB-Low (0)	1913.5 (26675)	17.28	17.67	17.47	17.38
		1882.5 (26365)	17.46	17.90	17.69	17.60
		1851.5 (26055)	17.45	17.90	17.83	17.74
	8RB-High (7)	1913.5 (26675)	17.51	17.56	17.56	17.47
		1882.5 (26365)	17.71	17.76	17.69	17.60
		1851.5 (26055)	17.65	17.70	17.71	17.62
	8RB-Middle (4)	1913.5 (26675)	17.54	17.63	17.53	17.44
		1882.5 (26365)	17.71	17.78	17.66	17.57
		1851.5 (26055)	17.71	17.76	17.71	17.62
	8RB-Low (0)	1913.5 (26675)	17.59	17.59	17.52	17.43
		1882.5 (26365)	17.62	17.66	17.57	17.48
		1851.5 (26055)	17.69	17.68	17.63	17.54
	15RB (0)	1913.5 (26675)	17.46	17.57	17.43	17.34
		1882.5 (26365)	17.58	17.60	17.66	17.57
		1851.5 (26055)	17.66	17.68	17.67	17.58

5MHz	1RB-High (24)	1912.5 (26665)	17.43	17.74	17.86	17.77
		1882.5 (26365)	17.66	17.97	17.77	17.68
		1852.5 (26065)	17.62	17.89	17.71	17.62
	1RB-Middle (12)	1912.5 (26665)	17.51	17.99	17.71	17.62
		1882.5 (26365)	17.69	17.89	17.78	17.69
		1852.5 (26065)	17.75	17.99	17.76	17.67
	1RB-Low (0)	1912.5 (26665)	17.44	17.71	17.67	17.58
		1882.5 (26365)	17.57	17.98	17.60	17.51
		1852.5 (26065)	17.67	18.12	17.71	17.62
	12RB-High (13)	1912.5 (26665)	17.57	17.48	17.51	17.42
		1882.5 (26365)	17.73	17.67	17.66	17.57
		1852.5 (26065)	17.61	17.69	17.70	17.61
	12RB-Middle (6)	1912.5 (26665)	17.53	17.58	17.60	17.51
		1882.5 (26365)	17.71	17.68	17.67	17.58
		1852.5 (26065)	17.67	17.70	17.80	17.71
	12RB-Low (0)	1912.5 (26665)	17.56	17.47	17.56	17.47
		1882.5 (26365)	17.61	17.59	17.56	17.47
		1852.5 (26065)	17.74	17.76	17.66	17.57
	25RB (0)	1912.5 (26665)	17.54	17.49	17.56	17.47
		1882.5 (26365)	17.66	17.62	17.59	17.50
		1852.5 (26065)	17.69	17.66	17.69	17.60
10MHz	1RB-High (49)	1910 (26640)	17.44	17.88	17.69	17.60
		1882.5 (26365)	17.63	17.89	17.77	17.68
		1855 (26090)	17.59	17.95	17.56	17.47
	1RB-Middle (24)	1910 (26640)	17.50	17.77	17.56	17.47
		1882.5 (26365)	17.64	17.91	17.80	17.71
		1855 (26090)	17.65	18.15	17.74	17.65
	1RB-Low (0)	1910 (26640)	17.46	17.85	17.70	17.61
		1882.5 (26365)	17.64	17.94	18.01	17.92
		1855 (26090)	17.68	18.18	17.68	17.59
	25RB-High (25)	1910 (26640)	17.56	17.59	17.60	17.51
		1882.5 (26365)	17.69	17.73	17.74	17.65
		1855 (26090)	17.62	17.64	17.75	17.66
	25RB-Middle (12)	1910 (26640)	17.55	17.51	17.52	17.43
		1882.5 (26365)	17.71	17.66	17.62	17.53
		1855 (26090)	17.78	17.72	17.74	17.65
	25RB-Low (0)	1910 (26640)	17.53	17.63	17.53	17.44
		1882.5 (26365)	17.56	17.65	17.60	17.51
		1855 (26090)	17.74	17.73	17.68	17.59
	50RB (0)	1910 (26640)	17.58	17.59	17.56	17.47
		1882.5 (26365)	17.65	17.65	17.62	17.53
		1855 (26090)	17.63	17.64	17.70	17.61

15MHz	1RB-High (74)	1907.5 (26615)	17.20	17.57	17.40	17.31
		1882.5 (26365)	17.40	17.62	17.48	17.39
		1857.5 (26115)	17.44	17.70	17.87	17.78
	1RB-Middle (37)	1907.5 (26615)	17.42	17.45	17.53	17.44
		1882.5 (26365)	17.42	17.71	17.60	17.51
		1857.5 (26115)	17.47	17.79	17.62	17.53
	1RB-Low (0)	1907.5 (26615)	17.28	17.63	17.51	17.42
		1882.5 (26365)	17.47	17.80	17.37	17.28
		1857.5 (26115)	17.41	18.02	17.54	17.45
	36RB-High (38)	1907.5 (26615)	17.43	17.42	17.54	17.45
		1882.5 (26365)	17.56	17.60	17.58	17.49
		1857.5 (26115)	17.62	17.60	17.53	17.44
	36RB-Middle (19)	1907.5 (26615)	17.46	17.45	17.54	17.45
		1882.5 (26365)	17.46	17.54	17.51	17.42
		1857.5 (26115)	17.62	17.57	17.56	17.47
	36RB-Low (0)	1907.5 (26615)	17.46	17.47	17.57	17.48
		1882.5 (26365)	17.48	17.61	17.49	17.40
		1857.5 (26115)	17.51	17.53	17.57	17.48
	75RB (0)	1907.5 (26615)	17.48	17.47	17.43	17.34
		1882.5 (26365)	17.52	17.46	17.52	17.43
		1857.5 (26115)	17.57	17.63	17.62	17.53
20MHz	1RB-High (99)	1905 (26590)	17.24	17.59	17.36	17.27
		1882.5 (26365)	17.35	17.84	17.51	17.42
		1860 (26140)	17.92	17.48	17.80	17.71
	1RB-Middle (50)	1905 (26590)	17.37	18.15	17.75	17.66
		1882.5 (26365)	17.44	18.11	17.38	17.29
		1860 (26140)	17.41	17.76	17.47	17.38
	1RB-Low (0)	1905 (26590)	17.58	17.77	17.69	17.60
		1882.5 (26365)	17.33	17.57	17.70	17.61
		1860 (26140)	17.36	18.05	17.51	17.42
	50RB-High (50)	1905 (26590)	17.47	17.49	17.52	17.43
		1882.5 (26365)	17.55	17.58	17.56	17.47
		1860 (26140)	17.57	17.66	17.61	17.52
	50RB-Middle (25)	1905 (26590)	17.46	17.42	17.50	17.41
		1882.5 (26365)	17.54	17.58	17.53	17.44
		1860 (26140)	17.63	17.64	17.59	17.50
	50RB-Low (0)	1905 (26590)	17.54	17.50	17.48	17.39
		1882.5 (26365)	17.54	17.59	17.57	17.48
		1860 (26140)	17.52	17.59	17.55	17.46
	100RB (0)	1905 (26590)	17.52	17.58	17.57	17.48
		1882.5 (26365)	17.55	17.57	17.57	17.48
		1860 (26140)	17.56	17.60	17.58	17.49

LTE Band25(ANT4 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	22.13	22.53	21.87	19.10
		1882.5 (26365)	22.37	22.70	22.04	19.20
		1850.7 (26047)	22.27	22.61	21.95	19.10
	1RB-Middle (3)	1914.3 (26683)	22.32	22.70	22.04	18.97
		1882.5 (26365)	22.45	22.75	22.08	19.20
		1850.7 (26047)	22.26	22.80	22.13	19.28
	1RB-Low (0)	1914.3 (26683)	22.01	22.68	22.02	18.91
		1882.5 (26365)	22.35	22.75	22.08	18.99
		1850.7 (26047)	22.31	22.72	22.05	19.10
	3RB-High (3)	1914.3 (26683)	22.26	22.43	21.22	18.83
		1882.5 (26365)	22.37	22.42	21.21	19.10
		1850.7 (26047)	22.26	22.45	21.24	19.02
	3RB-Middle (1)	1914.3 (26683)	22.24	22.40	21.19	18.72
		1882.5 (26365)	22.30	22.59	21.38	19.14
		1850.7 (26047)	22.26	22.63	21.42	19.07
	3RB-Low (0)	1914.3 (26683)	22.27	22.38	21.17	18.83
		1882.5 (26365)	22.43	22.51	21.30	19.25
		1850.7 (26047)	22.43	22.53	21.32	19.04
	6RB (0)	1914.3 (26683)	22.22	21.63	20.45	18.81
		1882.5 (26365)	22.44	22.03	20.83	19.09
		1850.7 (26047)	22.34	21.98	20.79	18.99
3MHz	1RB-High (14)	1913.5 (26675)	22.10	22.63	21.97	19.09
		1882.5 (26365)	22.29	22.69	22.32	19.39
		1851.5 (26055)	22.23	22.46	21.80	19.09
	1RB-Middle (7)	1913.5 (26675)	22.25	22.73	22.06	19.39
		1882.5 (26365)	22.38	22.64	22.17	19.34
		1851.5 (26055)	22.33	22.62	22.15	19.09
	1RB-Low (0)	1913.5 (26675)	22.29	22.49	21.83	18.85
		1882.5 (26365)	22.37	22.49	21.83	19.10
		1851.5 (26055)	22.28	22.67	22.31	19.22
	8RB-High (7)	1913.5 (26675)	22.28	21.90	20.71	18.91
		1882.5 (26365)	22.39	21.94	20.75	19.09
		1851.5 (26055)	22.40	21.99	20.80	19.10
	8RB-Middle (4)	1913.5 (26675)	22.33	21.88	20.69	18.88
		1882.5 (26365)	22.50	21.99	20.80	19.14
		1851.5 (26055)	22.48	22.03	20.83	19.07
	8RB-Low (0)	1913.5 (26675)	22.25	21.97	20.78	18.86
		1882.5 (26365)	22.28	21.98	20.79	18.89
		1851.5 (26055)	22.40	22.06	20.86	18.97
	15RB (0)	1913.5 (26675)	22.19	21.85	20.66	18.75
		1882.5 (26365)	22.31	21.88	20.69	18.93
		1851.5 (26055)	22.36	21.93	20.74	19.04

5MHz	1RB-High (24)	1912.5 (26665)	22.17	22.66	22.00	18.73
		1882.5 (26365)	22.39	22.73	22.06	19.22
		1852.5 (26065)	22.17	22.80	22.13	19.04
	1RB-Middle (12)	1912.5 (26665)	22.34	22.70	22.23	19.10
		1882.5 (26365)	22.45	22.63	22.16	19.38
		1852.5 (26065)	22.44	22.76	22.09	19.46
	1RB-Low (0)	1912.5 (26665)	22.21	22.57	21.91	18.65
		1882.5 (26365)	22.44	22.72	22.05	18.96
		1852.5 (26065)	22.32	22.71	22.05	19.15
	12RB-High (13)	1912.5 (26665)	22.24	21.82	20.63	18.83
		1882.5 (26365)	22.47	22.05	20.85	19.17
		1852.5 (26065)	22.42	21.90	20.71	19.07
	12RB-Middle (6)	1912.5 (26665)	22.32	21.86	20.67	18.97
		1882.5 (26365)	22.39	21.99	20.80	19.04
		1852.5 (26065)	22.41	21.97	20.78	18.99
	12RB-Low (0)	1912.5 (26665)	22.28	21.90	20.71	18.91
		1882.5 (26365)	22.32	21.86	20.67	19.09
		1852.5 (26065)	22.39	21.81	20.62	19.04
	25RB (0)	1912.5 (26665)	22.24	21.69	20.50	18.77
		1882.5 (26365)	22.33	21.97	20.78	19.01
		1852.5 (26065)	22.39	21.88	20.69	18.97
10MHz	1RB-High (49)	1910 (26640)	22.19	22.73	22.16	18.65
		1882.5 (26365)	22.45	22.61	22.14	19.33
		1855 (26090)	22.36	22.61	21.95	19.04
	1RB-Middle (24)	1910 (26640)	22.27	22.51	21.85	19.12
		1882.5 (26365)	22.29	22.59	21.93	19.25
		1855 (26090)	22.31	22.62	21.96	19.10
	1RB-Low (0)	1910 (26640)	22.19	22.62	21.96	19.10
		1882.5 (26365)	22.32	22.61	22.24	19.49
		1855 (26090)	22.33	22.80	22.13	19.01
	25RB-High (25)	1910 (26640)	22.35	21.80	20.61	18.88
		1882.5 (26365)	22.44	21.85	20.66	19.05
		1855 (26090)	22.37	21.82	20.63	19.05
	25RB-Middle (12)	1910 (26640)	22.31	21.85	20.66	18.85
		1882.5 (26365)	22.30	21.95	20.76	18.93
		1855 (26090)	22.37	21.87	20.68	19.22
	25RB-Low (0)	1910 (26640)	22.30	21.81	20.62	18.96
		1882.5 (26365)	22.33	21.74	20.55	19.14
		1855 (26090)	22.43	22.00	20.81	19.01
	50RB (0)	1910 (26640)	22.33	21.79	20.60	18.85
		1882.5 (26365)	22.39	21.89	20.70	18.93
		1855 (26090)	22.37	21.79	20.60	18.94

15MHz	1RB-High (74)	1907.5 (26615)	21.97	22.33	21.68	19.04
		1882.5 (26365)	22.20	22.33	21.68	18.80
		1857.5 (26115)	22.26	22.40	21.74	18.96
	1RB-Middle (37)	1907.5 (26615)	21.99	22.45	21.79	18.68
		1882.5 (26365)	22.15	22.54	21.88	18.91
		1857.5 (26115)	22.27	22.40	21.74	18.83
	1RB-Low (0)	1907.5 (26615)	22.06	22.24	21.59	18.81
		1882.5 (26365)	22.13	22.33	21.68	18.77
		1857.5 (26115)	22.10	22.41	21.75	18.99
	36RB-High (38)	1907.5 (26615)	22.19	21.65	20.47	18.52
		1882.5 (26365)	22.39	21.77	20.58	18.83
		1857.5 (26115)	22.31	21.66	20.48	18.85
	36RB-Middle (19)	1907.5 (26615)	22.12	21.60	20.42	18.44
		1882.5 (26365)	22.25	21.73	20.54	18.56
		1857.5 (26115)	22.29	21.77	20.58	18.88
	36RB-Low (0)	1907.5 (26615)	22.22	21.76	20.57	18.67
		1882.5 (26365)	22.27	21.73	20.54	18.75
		1857.5 (26115)	22.34	21.79	20.60	18.91
	75RB (0)	1907.5 (26615)	22.14	21.66	20.48	18.56
		1882.5 (26365)	22.22	21.80	20.61	18.72
		1857.5 (26115)	22.33	21.80	20.61	18.78
20MHz	1RB-High (99)	1905 (26590)	22.03	22.57	21.91	18.67
		1882.5 (26365)	22.06	22.55	21.89	18.96
		1860 (26140)	22.07	22.41	21.75	18.68
	1RB-Middle (50)	1905 (26590)	22.05	22.58	21.92	18.81
		1882.5 (26365)	22.12	22.74	22.27	18.72
		1860 (26140)	22.33	22.61	21.95	18.94
	1RB-Low (0)	1905 (26590)	22.07	22.79	22.12	18.73
		1882.5 (26365)	22.05	22.54	21.88	18.91
		1860 (26140)	22.04	22.48	21.82	18.81
	50RB-High (50)	1905 (26590)	22.16	21.65	20.47	18.59
		1882.5 (26365)	22.27	21.83	20.64	18.77
		1860 (26140)	22.29	21.75	20.56	18.94
	50RB-Middle (25)	1905 (26590)	22.18	21.75	20.56	18.77
		1882.5 (26365)	22.20	21.70	20.51	18.78
		1860 (26140)	22.32	21.75	20.56	18.78
	50RB-Low (0)	1905 (26590)	22.21	21.63	20.45	18.81
		1882.5 (26365)	22.26	21.82	20.63	18.81
		1860 (26140)	22.16	21.76	20.57	18.78
	100RB (0)	1905 (26590)	22.22	21.80	20.61	18.64
		1882.5 (26365)	22.27	21.74	20.55	18.64
		1860 (26140)	22.30	21.79	20.60	18.80

LTE Band25(ANT4 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	12.80	13.04	13.08	12.99
		1882.5 (26365)	12.94	13.09	12.94	13.05
		1850.7 (26047)	12.94	13.11	13.08	12.99
	1RB-Middle (3)	1914.3 (26683)	12.75	13.00	12.99	12.90
		1882.5 (26365)	12.99	13.08	12.94	13.05
		1850.7 (26047)	13.04	13.11	13.00	12.91
	1RB-Low (0)	1914.3 (26683)	12.74	13.05	12.95	12.86
		1882.5 (26365)	12.93	13.07	13.00	12.91
		1850.7 (26047)	12.87	13.03	13.08	12.99
	3RB-High (3)	1914.3 (26683)	12.78	12.76	12.89	12.80
		1882.5 (26365)	12.98	13.00	13.08	12.99
		1850.7 (26047)	12.96	12.97	13.02	12.93
	3RB-Middle (1)	1914.3 (26683)	12.82	12.68	12.81	12.72
		1882.5 (26365)	12.94	12.94	13.10	13.01
		1850.7 (26047)	12.91	12.93	13.06	12.97
	3RB-Low (0)	1914.3 (26683)	12.72	12.79	12.89	12.80
		1882.5 (26365)	12.91	13.03	12.98	13.09
		1850.7 (26047)	13.00	12.87	13.03	12.94
	6RB (0)	1914.3 (26683)	12.78	12.71	12.88	12.79
		1882.5 (26365)	12.97	12.85	13.07	12.98
		1850.7 (26047)	12.94	12.77	13.00	12.91
3MHz	1RB-High (14)	1913.5 (26675)	12.75	13.13	13.07	12.98
		1882.5 (26365)	12.87	13.06	13.08	12.99
		1851.5 (26055)	12.93	13.04	13.07	12.98
	1RB-Middle (7)	1913.5 (26675)	12.74	12.90	13.08	12.99
		1882.5 (26365)	13.02	13.05	13.04	12.95
		1851.5 (26055)	13.06	12.98	13.07	12.98
	1RB-Low (0)	1913.5 (26675)	12.73	12.84	12.90	12.81
		1882.5 (26365)	12.84	13.00	13.08	12.99
		1851.5 (26055)	12.85	13.05	12.95	13.06
	8RB-High (7)	1913.5 (26675)	12.76	12.77	12.95	12.86
		1882.5 (26365)	12.98	12.89	13.07	12.98
		1851.5 (26055)	12.94	12.91	13.08	12.99
	8RB-Middle (4)	1913.5 (26675)	12.80	12.78	12.92	12.83
		1882.5 (26365)	13.00	12.97	13.10	13.01
		1851.5 (26055)	13.06	12.93	13.06	12.97
	8RB-Low (0)	1913.5 (26675)	12.83	12.69	12.91	12.82
		1882.5 (26365)	12.89	12.83	12.93	12.84
		1851.5 (26055)	12.98	12.84	12.99	12.90
	15RB (0)	1913.5 (26675)	12.78	12.67	12.84	12.75
		1882.5 (26365)	12.88	12.77	12.96	12.87
		1851.5 (26055)	13.02	12.82	13.03	12.94

5MHz	1RB-High (24)	1912.5 (26665)	12.83	13.08	12.82	12.73
		1882.5 (26365)	12.90	13.03	12.95	13.06
		1852.5 (26065)	12.98	12.93	13.03	12.94
	1RB-Middle (12)	1912.5 (26665)	12.78	12.91	13.08	12.99
		1882.5 (26365)	13.11	13.05	13.07	12.97
		1852.5 (26065)	13.07	13.06	13.12	13.03
	1RB-Low (0)	1912.5 (26665)	12.76	12.96	12.77	12.68
		1882.5 (26365)	12.93	13.03	12.98	12.89
		1852.5 (26065)	12.85	13.05	12.91	13.02
	12RB-High (13)	1912.5 (26665)	12.80	12.70	12.89	12.80
		1882.5 (26365)	13.01	12.82	12.92	13.03
		1852.5 (26065)	12.95	12.92	13.06	12.97
	12RB-Middle (6)	1912.5 (26665)	12.86	12.79	12.99	12.90
		1882.5 (26365)	12.95	12.85	13.03	12.94
		1852.5 (26065)	12.98	12.93	13.00	12.91
	12RB-Low (0)	1912.5 (26665)	12.89	12.69	12.95	12.86
		1882.5 (26365)	12.94	12.87	13.07	12.98
		1852.5 (26065)	13.02	12.83	13.03	12.94
	25RB (0)	1912.5 (26665)	12.84	12.75	12.85	12.76
		1882.5 (26365)	12.94	12.70	13.01	12.92
		1852.5 (26065)	12.97	12.78	12.99	12.90
10MHz	1RB-High (49)	1910 (26640)	12.89	13.17	12.77	12.68
		1882.5 (26365)	12.96	13.04	13.03	12.94
		1855 (26090)	12.91	13.05	13.03	12.94
	1RB-Middle (24)	1910 (26640)	12.77	12.84	13.09	13.00
		1882.5 (26365)	12.99	13.04	12.98	13.09
		1855 (26090)	13.06	13.05	13.08	12.99
	1RB-Low (0)	1910 (26640)	12.82	12.97	13.08	12.99
		1882.5 (26365)	12.86	13.06	13.14	13.05
		1855 (26090)	12.94	12.98	13.01	12.92
	25RB-High (25)	1910 (26640)	12.84	12.72	12.92	12.83
		1882.5 (26365)	13.05	12.85	13.04	12.95
		1855 (26090)	13.02	12.83	13.04	12.95
	25RB-Middle (12)	1910 (26640)	12.90	12.81	12.90	12.81
		1882.5 (26365)	12.94	12.84	12.96	12.87
		1855 (26090)	13.01	12.80	12.95	13.06
	25RB-Low (0)	1910 (26640)	12.79	12.71	12.98	12.89
		1882.5 (26365)	12.91	12.87	13.10	13.01
		1855 (26090)	12.96	12.87	13.01	12.92
	50RB (0)	1910 (26640)	12.89	12.71	12.90	12.81
		1882.5 (26365)	12.85	12.84	12.96	12.87
		1855 (26090)	13.04	12.73	12.97	12.88

15MHz	1RB-High (74)	1907.5 (26615)	12.58	12.63	13.03	12.94
		1882.5 (26365)	12.65	12.91	12.87	12.78
		1857.5 (26115)	12.73	12.92	12.98	12.89
	1RB-Middle (37)	1907.5 (26615)	12.66	12.68	12.79	12.70
		1882.5 (26365)	12.78	12.94	12.95	12.86
		1857.5 (26115)	12.89	12.79	12.89	12.80
	1RB-Low (0)	1907.5 (26615)	12.74	13.02	12.88	12.79
		1882.5 (26365)	12.69	12.93	12.85	12.76
		1857.5 (26115)	12.68	12.79	13.00	12.91
	36RB-High (38)	1907.5 (26615)	12.71	12.56	12.68	12.59
		1882.5 (26365)	12.83	12.72	12.89	12.80
		1857.5 (26115)	12.89	12.72	12.90	12.81
	36RB-Middle (19)	1907.5 (26615)	12.75	12.54	12.63	12.54
		1882.5 (26365)	12.75	12.53	12.70	12.61
		1857.5 (26115)	12.85	12.65	12.92	12.83
	36RB-Low (0)	1907.5 (26615)	12.75	12.60	12.78	12.69
		1882.5 (26365)	12.85	12.66	12.84	12.75
		1857.5 (26115)	12.82	12.76	12.95	12.86
	75RB (0)	1907.5 (26615)	12.69	12.58	12.70	12.61
		1882.5 (26365)	12.85	12.60	12.81	12.72
		1857.5 (26115)	12.87	12.66	12.86	12.77
20MHz	1RB-High (99)	1905 (26590)	12.54	13.01	12.78	12.69
		1882.5 (26365)	12.60	13.01	12.89	12.89
		1860 (26140)	12.70	13.15	12.85	12.70
	1RB-Middle (50)	1905 (26590)	12.56	12.89	12.77	12.79
		1882.5 (26365)	12.71	12.87	12.79	12.72
		1860 (26140)	12.70	13.13	12.91	12.88
	1RB-Low (0)	1905 (26590)	12.62	12.93	12.88	12.73
		1882.5 (26365)	12.71	13.04	12.84	12.86
		1860 (26140)	12.61	13.09	12.89	12.79
	50RB-High (50)	1905 (26590)	12.75	12.70	12.69	12.63
		1882.5 (26365)	12.77	12.82	12.82	12.76
		1860 (26140)	12.79	12.89	12.87	12.88
	50RB-Middle (25)	1905 (26590)	12.75	12.76	12.78	12.76
		1882.5 (26365)	12.67	12.77	12.70	12.77
		1860 (26140)	12.83	12.91	12.78	12.77
	50RB-Low (0)	1905 (26590)	12.82	12.82	12.77	12.79
		1882.5 (26365)	12.78	12.83	12.83	12.79
		1860 (26140)	12.80	12.79	12.78	12.77
	100RB (0)	1905 (26590)	12.78	12.74	12.75	12.67
		1882.5 (26365)	12.76	12.72	12.80	12.67
		1860 (26140)	12.78	12.88	12.75	12.78

LTE Band25(ANT4 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	11.64	12.02	11.86	11.79
		1882.5 (26365)	11.76	12.07	11.92	11.85
		1850.7 (26047)	11.76	12.09	11.86	11.79
	1RB-Middle (3)	1914.3 (26683)	11.59	11.98	11.78	11.71
		1882.5 (26365)	11.81	12.06	11.92	11.85
		1850.7 (26047)	11.85	12.09	11.97	11.90
	1RB-Low (0)	1914.3 (26683)	11.58	12.03	11.74	11.67
		1882.5 (26365)	11.75	12.05	11.79	11.72
		1850.7 (26047)	11.70	12.01	11.86	11.79
	3RB-High (3)	1914.3 (26683)	11.62	11.76	11.69	11.62
		1882.5 (26365)	11.80	11.98	11.86	11.79
		1850.7 (26047)	11.78	11.96	11.81	11.74
	3RB-Middle (1)	1914.3 (26683)	11.65	11.69	11.62	11.55
		1882.5 (26365)	11.76	11.93	11.88	11.81
		1850.7 (26047)	11.74	11.92	11.84	11.77
	3RB-Low (0)	1914.3 (26683)	11.56	11.79	11.69	11.62
		1882.5 (26365)	11.74	12.01	11.95	11.88
		1850.7 (26047)	11.82	11.86	11.82	11.75
	6RB (0)	1914.3 (26683)	11.62	11.72	11.68	11.61
		1882.5 (26365)	11.79	11.85	11.85	11.78
		1850.7 (26047)	11.76	11.77	11.79	11.72
3MHz	1RB-High (14)	1913.5 (26675)	11.59	12.10	11.85	11.78
		1882.5 (26365)	11.70	12.04	12.04	11.97
		1851.5 (26055)	11.75	12.02	11.85	11.78
	1RB-Middle (7)	1913.5 (26675)	11.58	11.89	12.04	11.97
		1882.5 (26365)	11.84	12.03	12.01	11.94
		1851.5 (26055)	11.87	11.97	11.85	11.78
	1RB-Low (0)	1913.5 (26675)	11.57	11.84	11.70	11.63
		1882.5 (26365)	11.67	11.98	11.86	11.79
		1851.5 (26055)	11.68	12.03	11.93	11.86
	8RB-High (7)	1913.5 (26675)	11.60	11.77	11.74	11.67
		1882.5 (26365)	11.80	11.88	11.85	11.78
		1851.5 (26055)	11.76	11.90	11.86	11.79
	8RB-Middle (4)	1913.5 (26675)	11.64	11.78	11.72	11.65
		1882.5 (26365)	11.82	11.96	11.88	11.81
		1851.5 (26055)	11.87	11.92	11.84	11.77
	8RB-Low (0)	1913.5 (26675)	11.66	11.70	11.71	11.64
		1882.5 (26365)	11.72	11.83	11.73	11.66
		1851.5 (26055)	11.80	11.84	11.78	11.71
	15RB (0)	1913.5 (26675)	11.62	11.68	11.64	11.57
		1882.5 (26365)	11.71	11.77	11.75	11.68
		1851.5 (26055)	11.84	11.82	11.82	11.75

5MHz	1RB-High (24)	1912.5 (26665)	11.66	12.06	11.63	11.56
		1882.5 (26365)	11.73	12.01	11.93	11.86
		1852.5 (26065)	11.80	11.92	11.82	11.75
	1RB-Middle (12)	1912.5 (26665)	11.62	11.90	11.86	11.79
		1882.5 (26365)	11.92	12.03	12.03	11.96
		1852.5 (26065)	11.88	12.04	12.08	12.01
	1RB-Low (0)	1912.5 (26665)	11.60	11.95	11.58	11.51
		1882.5 (26365)	11.75	12.01	11.77	11.70
		1852.5 (26065)	11.68	12.03	11.89	11.82
	12RB-High (13)	1912.5 (26665)	11.64	11.71	11.69	11.62
		1882.5 (26365)	11.83	11.82	11.90	11.83
		1852.5 (26065)	11.77	11.91	11.84	11.77
	12RB-Middle (6)	1912.5 (26665)	11.69	11.79	11.78	11.71
		1882.5 (26365)	11.77	11.85	11.82	11.75
		1852.5 (26065)	11.80	11.92	11.79	11.72
	12RB-Low (0)	1912.5 (26665)	11.72	11.70	11.74	11.67
		1882.5 (26365)	11.76	11.86	11.85	11.78
		1852.5 (26065)	11.84	11.83	11.82	11.75
	25RB (0)	1912.5 (26665)	11.67	11.75	11.65	11.58
		1882.5 (26365)	11.76	11.71	11.80	11.73
		1852.5 (26065)	11.79	11.78	11.78	11.71
10MHz	1RB-High (49)	1910 (26640)	11.72	12.14	11.58	11.51
		1882.5 (26365)	11.78	12.02	12.00	11.93
		1855 (26090)	11.74	12.03	11.82	11.75
	1RB-Middle (24)	1910 (26640)	11.61	11.84	11.87	11.80
		1882.5 (26365)	11.81	12.02	11.95	11.88
		1855 (26090)	11.87	12.03	11.86	11.79
	1RB-Low (0)	1910 (26640)	11.65	11.96	11.86	11.79
		1882.5 (26365)	11.69	12.04	12.10	12.03
		1855 (26090)	11.76	11.97	11.80	11.73
	25RB-High (25)	1910 (26640)	11.67	11.73	11.72	11.65
		1882.5 (26365)	11.86	11.85	11.83	11.76
		1855 (26090)	11.84	11.83	11.83	11.76
	25RB-Middle (12)	1910 (26640)	11.73	11.81	11.70	11.63
		1882.5 (26365)	11.76	11.84	11.75	11.68
		1855 (26090)	11.83	11.80	11.93	11.86
	25RB-Low (0)	1910 (26640)	11.63	11.72	11.77	11.70
		1882.5 (26365)	11.74	11.86	11.88	11.81
		1855 (26090)	11.78	11.86	11.80	11.73
	50RB (0)	1910 (26640)	11.72	11.72	11.70	11.63
		1882.5 (26365)	11.68	11.84	11.75	11.68
		1855 (26090)	11.85	11.74	11.76	11.69

15MHz	1RB-High (74)	1907.5 (26615)	11.44	11.64	11.82	11.75
		1882.5 (26365)	11.50	11.90	11.67	11.60
		1857.5 (26115)	11.57	11.91	11.77	11.70
	1RB-Middle (37)	1907.5 (26615)	11.51	11.69	11.60	11.53
		1882.5 (26365)	11.62	11.93	11.74	11.67
		1857.5 (26115)	11.72	11.79	11.69	11.62
	1RB-Low (0)	1907.5 (26615)	11.58	12.00	11.68	11.61
		1882.5 (26365)	11.54	11.92	11.65	11.58
		1857.5 (26115)	11.53	11.79	11.79	11.72
	36RB-High (38)	1907.5 (26615)	11.55	11.58	11.50	11.43
		1882.5 (26365)	11.66	11.73	11.69	11.62
		1857.5 (26115)	11.72	11.73	11.70	11.63
	36RB-Middle (19)	1907.5 (26615)	11.59	11.56	11.45	11.38
		1882.5 (26365)	11.59	11.55	11.52	11.45
		1857.5 (26115)	11.68	11.66	11.72	11.65
	36RB-Low (0)	1907.5 (26615)	11.59	11.62	11.59	11.52
		1882.5 (26365)	11.68	11.67	11.64	11.57
		1857.5 (26115)	11.65	11.76	11.74	11.67
75RB (0)	1907.5 (26615)	11.54	11.60	11.52	11.45	
	1882.5 (26365)	11.68	11.62	11.62	11.55	
	1857.5 (26115)	11.70	11.67	11.66	11.59	
20MHz	1RB-High (99)	1905 (26590)	11.40	11.80	11.59	11.52
		1882.5 (26365)	11.42	11.90	11.77	11.70
		1860 (26140)	11.55	12.00	11.60	11.53
	1RB-Middle (50)	1905 (26590)	11.48	11.95	11.68	11.61
		1882.5 (26365)	11.69	12.03	11.62	11.55
		1860 (26140)	11.58	11.88	11.76	11.69
	1RB-Low (0)	1905 (26590)	11.46	12.03	11.63	11.56
		1882.5 (26365)	11.57	11.93	11.74	11.67
		1860 (26140)	11.53	12.04	11.68	11.61
	50RB-High (50)	1905 (26590)	11.60	11.65	11.54	11.47
		1882.5 (26365)	11.75	11.77	11.65	11.58
		1860 (26140)	11.69	11.80	11.76	11.69
	50RB-Middle (25)	1905 (26590)	11.64	11.63	11.65	11.58
		1882.5 (26365)	11.61	11.60	11.66	11.59
		1860 (26140)	11.69	11.78	11.66	11.59
	50RB-Low (0)	1905 (26590)	11.59	11.69	11.68	11.61
		1882.5 (26365)	11.69	11.68	11.68	11.61
		1860 (26140)	11.68	11.69	11.66	11.59
100RB (0)	1905 (26590)	11.68	11.68	11.57	11.50	
	1882.5 (26365)	11.66	11.66	11.57	11.50	
	1860 (26140)	11.68	11.77	11.67	11.60	

LTE Band25(ANT1 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	23.28	22.81	21.72	18.38
		1882.5 (26365)	23.23	23.00	21.53	18.38
		1850.7 (26047)	23.32	22.82	21.65	18.43
	1RB-Middle (3)	1914.3 (26683)	23.27	22.55	21.51	18.47
		1882.5 (26365)	23.23	22.61	21.47	18.51
		1850.7 (26047)	23.49	22.74	21.36	18.44
	1RB-Low (0)	1914.3 (26683)	23.26	22.58	21.35	18.42
		1882.5 (26365)	23.28	22.65	21.46	18.41
		1850.7 (26047)	23.32	22.58	21.44	18.36
	3RB-High (3)	1914.3 (26683)	23.24	22.31	21.44	18.20
		1882.5 (26365)	23.35	22.43	21.40	18.39
		1850.7 (26047)	23.43	22.45	21.59	18.36
	3RB-Middle (1)	1914.3 (26683)	23.32	22.40	21.37	18.12
		1882.5 (26365)	23.30	22.49	21.43	18.26
		1850.7 (26047)	23.44	22.45	21.57	18.23
	3RB-Low (0)	1914.3 (26683)	23.31	22.48	21.39	18.15
		1882.5 (26365)	23.31	22.48	21.53	18.17
		1850.7 (26047)	23.36	22.62	21.43	18.34
	6RB (0)	1914.3 (26683)	22.32	21.35	20.41	18.14
		1882.5 (26365)	22.40	21.35	20.41	18.22
		1850.7 (26047)	22.45	21.46	20.64	18.26
3MHz	1RB-High (14)	1913.5 (26675)	23.32	22.53	21.36	18.47
		1882.5 (26365)	23.24	22.60	21.42	18.52
		1851.5 (26055)	23.28	22.85	21.55	18.41
	1RB-Middle (7)	1913.5 (26675)	23.39	22.66	21.51	18.47
		1882.5 (26365)	23.32	22.72	21.45	18.36
		1851.5 (26055)	23.31	22.76	21.56	18.47
	1RB-Low (0)	1913.5 (26675)	23.27	22.39	21.41	18.34
		1882.5 (26365)	23.25	22.63	21.37	18.38
		1851.5 (26055)	23.27	22.76	21.49	18.34
	8RB-High (7)	1913.5 (26675)	22.37	21.41	20.49	18.11
		1882.5 (26365)	22.30	21.53	20.43	18.19
		1851.5 (26055)	22.42	21.40	20.60	18.25
	8RB-Middle (4)	1913.5 (26675)	22.44	21.37	20.49	18.26
		1882.5 (26365)	22.36	21.58	20.58	18.34
		1851.5 (26055)	22.46	21.52	20.57	18.32
	8RB-Low (0)	1913.5 (26675)	22.40	21.59	20.52	18.23
		1882.5 (26365)	22.31	21.48	20.54	18.12
		1851.5 (26055)	22.39	21.66	20.44	18.33
	15RB (0)	1913.5 (26675)	22.40	21.44	20.43	18.15
		1882.5 (26365)	22.35	21.45	20.48	18.07
		1851.5 (26055)	22.45	21.54	20.45	18.23

5MHz	1RB-High (24)	1912.5 (26665)	23.39	22.62	21.44	18.49
		1882.5 (26365)	23.15	22.83	21.53	18.42
		1852.5 (26065)	23.33	22.77	21.49	18.41
	1RB-Middle (12)	1912.5 (26665)	23.49	22.56	21.44	18.40
		1882.5 (26365)	23.30	22.63	21.64	18.52
		1852.5 (26065)	23.50	22.94	21.73	18.51
	1RB-Low (0)	1912.5 (26665)	23.35	22.85	21.57	18.40
		1882.5 (26365)	23.25	23.00	21.57	18.31
		1852.5 (26065)	23.35	22.90	21.59	18.47
	12RB-High (13)	1912.5 (26665)	22.46	21.36	20.34	18.11
		1882.5 (26365)	22.39	21.51	20.50	18.22
		1852.5 (26065)	22.48	21.54	20.33	18.16
	12RB-Middle (6)	1912.5 (26665)	22.50	21.40	20.51	18.10
		1882.5 (26365)	22.45	21.53	20.59	18.24
		1852.5 (26065)	22.48	21.61	20.53	18.28
	12RB-Low (0)	1912.5 (26665)	22.43	21.52	20.37	18.16
		1882.5 (26365)	22.36	21.42	20.37	18.18
		1852.5 (26065)	22.43	21.57	20.50	18.18
	25RB (0)	1912.5 (26665)	22.29	21.47	20.44	18.10
		1882.5 (26365)	22.23	21.40	20.39	17.98
		1852.5 (26065)	22.47	21.62	20.52	18.15
10MHz	1RB-High (49)	1910 (26640)	23.36	22.64	21.53	18.48
		1882.5 (26365)	23.19	22.83	21.54	18.48
		1855 (26090)	23.27	22.96	21.65	18.48
	1RB-Middle (24)	1910 (26640)	23.34	22.61	21.41	18.40
		1882.5 (26365)	23.23	22.57	21.52	18.50
		1855 (26090)	23.32	22.69	21.61	18.46
	1RB-Low (0)	1910 (26640)	23.21	22.73	21.31	18.44
		1882.5 (26365)	23.14	22.68	21.62	18.42
		1855 (26090)	23.40	22.74	21.49	18.36
	25RB-High (25)	1910 (26640)	22.49	21.40	20.47	18.15
		1882.5 (26365)	22.40	21.41	20.50	18.22
		1855 (26090)	22.43	21.55	20.60	18.23
	25RB-Middle (12)	1910 (26640)	22.37	21.34	20.48	18.20
		1882.5 (26365)	22.40	21.36	20.33	18.14
		1855 (26090)	22.45	21.61	20.53	18.23
	25RB-Low (0)	1910 (26640)	22.47	21.26	20.31	18.04
		1882.5 (26365)	22.36	21.39	20.39	18.09
		1855 (26090)	22.37	21.57	20.56	18.17
	50RB (0)	1910 (26640)	22.33	21.35	20.42	18.03
		1882.5 (26365)	22.29	21.29	20.39	18.03
		1855 (26090)	22.41	21.49	20.57	18.24

15MHz	1RB-High (74)	1907.5 (26615)	23.08	22.51	21.42	18.08
		1882.5 (26365)	23.09	22.56	21.30	18.25
		1857.5 (26115)	23.21	22.50	21.66	18.28
	1RB-Middle (37)	1907.5 (26615)	23.22	22.27	21.24	18.22
		1882.5 (26365)	23.24	22.36	21.48	18.41
		1857.5 (26115)	23.19	22.62	21.47	18.48
	1RB-Low (0)	1907.5 (26615)	23.14	22.55	21.20	18.08
		1882.5 (26365)	23.21	22.45	21.24	18.24
		1857.5 (26115)	23.22	22.52	21.57	17.99
	36RB-High (38)	1907.5 (26615)	22.27	21.26	20.41	17.95
		1882.5 (26365)	22.34	21.33	20.32	18.04
		1857.5 (26115)	22.26	21.33	20.39	18.08
	36RB-Middle (19)	1907.5 (26615)	22.31	21.37	20.37	18.06
		1882.5 (26365)	22.21	21.24	20.26	17.94
		1857.5 (26115)	22.22	21.35	20.34	18.00
	36RB-Low (0)	1907.5 (26615)	22.23	21.14	20.25	17.95
		1882.5 (26365)	22.14	21.35	20.22	17.92
		1857.5 (26115)	22.36	21.44	20.38	18.15
	75RB (0)	1907.5 (26615)	22.21	21.29	20.35	18.06
		1882.5 (26365)	22.21	21.16	20.20	17.90
		1857.5 (26115)	22.24	21.38	20.39	18.12
20MHz	1RB-High (99)	1905 (26590)	23.16	22.51	21.17	17.98
		1882.5 (26365)	23.15	22.56	21.18	18.36
		1860 (26140)	23.08	22.49	21.35	18.19
	1RB-Middle (50)	1905 (26590)	23.14	23.26	21.34	18.34
		1882.5 (26365)	23.30	22.70	21.62	18.28
		1860 (26140)	23.34	23.04	21.44	18.34
	1RB-Low (0)	1905 (26590)	23.22	22.61	21.40	18.34
		1882.5 (26365)	23.15	22.43	21.27	18.25
		1860 (26140)	23.28	22.47	21.59	18.06
	50RB-High (50)	1905 (26590)	22.23	21.26	20.33	18.00
		1882.5 (26365)	22.28	21.26	20.29	17.93
		1860 (26140)	22.33	21.27	20.37	18.06
	50RB-Middle (25)	1905 (26590)	22.31	21.27	20.34	17.92
		1882.5 (26365)	22.29	21.26	20.32	17.92
		1860 (26140)	22.35	21.33	20.35	18.02
	50RB-Low (0)	1905 (26590)	22.21	21.25	20.23	18.01
		1882.5 (26365)	22.29	21.29	20.16	18.02
		1860 (26140)	22.28	21.30	20.31	18.01
	100RB (0)	1905 (26590)	22.28	21.25	20.35	17.93
		1882.5 (26365)	22.29	21.23	20.28	17.97
		1860 (26140)	22.36	21.34	20.29	18.12

LTE Band25(ANT1 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	21.69	21.91	21.87	18.34
		1882.5 (26365)	22.02	21.72	21.99	18.34
		1850.7 (26047)	21.93	21.75	21.74	18.39
	1RB-Middle (3)	1914.3 (26683)	21.80	21.81	21.92	18.43
		1882.5 (26365)	21.95	21.84	21.89	18.47
		1850.7 (26047)	21.96	22.02	21.84	18.40
	1RB-Low (0)	1914.3 (26683)	21.70	21.75	21.68	18.38
		1882.5 (26365)	21.90	21.72	21.73	18.37
		1850.7 (26047)	21.95	22.03	21.88	18.32
	3RB-High (3)	1914.3 (26683)	21.85	21.81	21.73	18.16
		1882.5 (26365)	21.90	21.97	21.78	18.35
		1850.7 (26047)	21.96	21.93	22.00	18.32
	3RB-Middle (1)	1914.3 (26683)	21.85	21.84	21.74	18.08
		1882.5 (26365)	21.81	21.84	21.76	18.22
		1850.7 (26047)	21.92	21.99	21.81	18.19
	3RB-Low (0)	1914.3 (26683)	21.73	21.79	21.58	18.11
		1882.5 (26365)	22.03	21.75	21.86	18.13
		1850.7 (26047)	21.89	21.76	21.80	18.30
	6RB (0)	1914.3 (26683)	21.84	21.42	20.45	18.10
		1882.5 (26365)	21.88	21.62	20.37	18.18
		1850.7 (26047)	22.02	21.55	20.50	18.22
3MHz	1RB-High (14)	1913.5 (26675)	21.83	21.89	21.85	18.43
		1882.5 (26365)	21.79	21.92	21.77	18.48
		1851.5 (26055)	21.88	21.73	21.94	18.37
	1RB-Middle (7)	1913.5 (26675)	21.85	21.97	21.65	18.43
		1882.5 (26365)	21.98	21.74	21.63	18.32
		1851.5 (26055)	21.99	22.01	21.94	18.43
	1RB-Low (0)	1913.5 (26675)	21.79	21.79	21.71	18.30
		1882.5 (26365)	21.71	22.00	21.70	18.34
		1851.5 (26055)	21.89	22.00	21.89	18.30
	8RB-High (7)	1913.5 (26675)	21.90	21.48	20.43	18.07
		1882.5 (26365)	21.96	21.62	20.47	18.15
		1851.5 (26055)	22.02	21.53	20.51	18.21
	8RB-Middle (4)	1913.5 (26675)	21.92	21.52	20.50	18.22
		1882.5 (26365)	21.94	21.45	20.55	18.30
		1851.5 (26055)	21.96	21.56	20.61	18.28
	8RB-Low (0)	1913.5 (26675)	21.92	21.48	20.37	18.19
		1882.5 (26365)	21.80	21.56	20.39	18.08
		1851.5 (26055)	22.02	21.61	20.54	18.29
	15RB (0)	1913.5 (26675)	21.86	21.49	20.43	18.11
		1882.5 (26365)	21.85	21.38	20.42	18.03
		1851.5 (26055)	21.88	21.55	20.46	18.19

5MHz	1RB-High (24)	1912.5 (26665)	21.98	21.72	21.87	18.45
		1882.5 (26365)	21.87	21.80	21.79	18.38
		1852.5 (26065)	21.83	21.75	21.87	18.37
	1RB-Middle (12)	1912.5 (26665)	21.76	21.84	21.78	18.36
		1882.5 (26365)	22.03	21.90	21.71	18.48
		1852.5 (26065)	22.03	21.92	22.00	18.47
	1RB-Low (0)	1912.5 (26665)	21.88	21.87	21.79	18.36
		1882.5 (26365)	21.77	21.85	21.71	18.27
		1852.5 (26065)	21.86	21.81	21.71	18.43
	12RB-High (13)	1912.5 (26665)	21.93	21.43	20.40	18.07
		1882.5 (26365)	21.98	21.52	20.45	18.18
		1852.5 (26065)	22.01	21.51	20.71	18.12
	12RB-Middle (6)	1912.5 (26665)	21.96	21.47	20.44	18.06
		1882.5 (26365)	21.97	21.49	20.60	18.20
		1852.5 (26065)	22.04	21.48	20.54	18.24
	12RB-Low (0)	1912.5 (26665)	21.87	21.43	20.43	18.12
		1882.5 (26365)	21.87	21.40	20.30	18.14
		1852.5 (26065)	21.93	21.55	20.46	18.14
	25RB (0)	1912.5 (26665)	21.88	21.40	20.42	18.06
		1882.5 (26365)	21.86	21.30	20.50	17.94
		1852.5 (26065)	21.95	21.60	20.50	18.11
10MHz	1RB-High (49)	1910 (26640)	21.83	21.82	21.68	18.44
		1882.5 (26365)	21.85	22.00	21.79	18.44
		1855 (26090)	21.87	21.86	21.96	18.44
	1RB-Middle (24)	1910 (26640)	21.85	21.92	21.71	18.36
		1882.5 (26365)	21.96	21.77	21.84	18.46
		1855 (26090)	21.94	21.79	21.69	18.41
	1RB-Low (0)	1910 (26640)	21.79	21.82	21.90	18.40
		1882.5 (26365)	21.92	21.82	21.89	18.38
		1855 (26090)	21.84	21.80	21.73	18.32
	25RB-High (25)	1910 (26640)	21.90	21.49	20.41	18.11
		1882.5 (26365)	21.91	21.49	20.43	18.18
		1855 (26090)	22.02	21.54	20.54	18.19
	25RB-Middle (12)	1910 (26640)	21.98	21.37	20.48	18.16
		1882.5 (26365)	21.85	21.50	20.36	18.10
		1855 (26090)	22.01	21.49	20.57	18.19
	25RB-Low (0)	1910 (26640)	21.88	21.40	20.34	18.01
		1882.5 (26365)	21.87	21.39	20.37	18.05
		1855 (26090)	21.97	21.54	20.55	18.13
	50RB (0)	1910 (26640)	21.82	21.35	20.32	17.99
		1882.5 (26365)	21.92	21.40	20.29	17.99
		1855 (26090)	22.01	21.46	20.54	18.20

15MHz	1RB-High (74)	1907.5 (26615)	21.59	21.52	21.66	18.04
		1882.5 (26365)	21.67	21.58	21.56	18.21
		1857.5 (26115)	21.76	21.85	21.75	18.24
	1RB-Middle (37)	1907.5 (26615)	21.66	21.73	21.71	18.18
		1882.5 (26365)	21.67	21.87	21.79	18.37
		1857.5 (26115)	21.71	21.81	21.59	18.44
	1RB-Low (0)	1907.5 (26615)	21.62	21.74	21.46	18.04
		1882.5 (26365)	21.55	21.74	21.59	18.20
		1857.5 (26115)	21.74	21.74	21.74	17.95
	36RB-High (38)	1907.5 (26615)	21.81	21.37	20.29	17.91
		1882.5 (26365)	21.85	21.33	20.33	18.01
		1857.5 (26115)	21.81	21.36	20.38	18.04
	36RB-Middle (19)	1907.5 (26615)	21.80	21.24	20.35	18.02
		1882.5 (26365)	21.77	21.16	20.27	17.90
		1857.5 (26115)	21.87	21.33	20.33	17.96
	36RB-Low (0)	1907.5 (26615)	21.75	21.26	20.25	17.91
		1882.5 (26365)	21.50	21.22	20.34	17.88
		1857.5 (26115)	21.80	21.39	20.27	18.11
75RB (0)	1907.5 (26615)	21.82	21.15	20.26	18.02	
	1882.5 (26365)	21.72	21.30	20.26	17.86	
	1857.5 (26115)	21.88	21.34	20.35	18.08	
20MHz	1RB-High (99)	1905 (26590)	21.66	21.82	21.58	17.94
		1882.5 (26365)	21.58	21.91	21.58	18.32
		1860 (26140)	21.70	21.69	21.50	18.15
	1RB-Middle (50)	1905 (26590)	21.65	22.07	21.47	18.30
		1882.5 (26365)	21.67	22.09	21.68	18.24
		1860 (26140)	21.76	22.06	22.10	18.30
	1RB-Low (0)	1905 (26590)	21.52	21.86	21.99	18.30
		1882.5 (26365)	21.60	21.82	21.76	18.21
		1860 (26140)	21.71	21.81	21.94	18.02
	50RB-High (50)	1905 (26590)	21.81	21.32	20.34	17.96
		1882.5 (26365)	21.80	21.41	20.35	17.89
		1860 (26140)	21.82	21.37	20.35	18.02
	50RB-Middle (25)	1905 (26590)	21.79	21.26	20.34	17.88
		1882.5 (26365)	21.74	21.20	20.26	17.88
		1860 (26140)	21.86	21.43	20.37	17.98
	50RB-Low (0)	1905 (26590)	21.72	21.30	20.28	17.97
		1882.5 (26365)	21.68	21.32	20.24	17.98
		1860 (26140)	21.79	21.35	20.25	17.97
100RB (0)	1905 (26590)	21.74	21.32	20.37	17.89	
	1882.5 (26365)	21.74	21.26	20.24	17.93	
	1860 (26140)	21.85	21.35	20.34	18.08	

LTE Band25(ANT1 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	15.85	16.12	15.98	15.83
		1882.5 (26365)	15.93	16.12	16.04	15.83
		1850.7 (26047)	15.92	16.17	15.99	15.88
	1RB-Middle (3)	1914.3 (26683)	15.80	16.20	15.96	15.91
		1882.5 (26365)	15.86	16.24	16.07	15.95
		1850.7 (26047)	15.86	16.18	15.97	15.89
	1RB-Low (0)	1914.3 (26683)	15.76	16.16	15.91	15.87
		1882.5 (26365)	15.83	16.15	15.89	15.86
		1850.7 (26047)	15.89	16.11	15.96	15.82
	3RB-High (3)	1914.3 (26683)	15.88	15.97	15.91	15.68
		1882.5 (26365)	15.88	16.13	15.97	15.84
		1850.7 (26047)	15.92	16.11	16.04	15.82
	3RB-Middle (1)	1914.3 (26683)	15.76	15.90	15.88	15.61
		1882.5 (26365)	15.98	16.02	15.93	15.73
		1850.7 (26047)	15.94	15.99	15.98	15.70
	3RB-Low (0)	1914.3 (26683)	15.80	15.92	15.89	15.63
		1882.5 (26365)	15.81	15.94	15.93	15.65
		1850.7 (26047)	15.94	16.09	16.07	15.80
	6RB (0)	1914.3 (26683)	15.77	15.91	15.85	15.62
		1882.5 (26365)	15.82	15.98	15.92	15.69
		1850.7 (26047)	15.94	16.02	15.90	15.73
3MHz	1RB-High (14)	1913.5 (26675)	15.86	16.20	16.00	15.91
		1882.5 (26365)	15.86	16.25	16.04	15.96
		1851.5 (26055)	15.88	16.15	15.96	15.86
	1RB-Middle (7)	1913.5 (26675)	15.85	16.20	16.15	15.91
		1882.5 (26365)	15.89	16.11	16.14	15.82
		1851.5 (26055)	15.91	16.20	16.12	15.91
	1RB-Low (0)	1913.5 (26675)	15.72	16.09	15.89	15.80
		1882.5 (26365)	15.78	16.12	15.88	15.83
		1851.5 (26055)	15.86	16.09	15.89	15.80
	8RB-High (7)	1913.5 (26675)	15.89	15.89	15.97	15.60
		1882.5 (26365)	15.89	15.96	15.99	15.67
		1851.5 (26055)	15.91	16.01	16.00	15.72
	8RB-Middle (4)	1913.5 (26675)	15.87	16.02	15.87	15.73
		1882.5 (26365)	15.92	16.09	15.99	15.80
		1851.5 (26055)	16.00	16.07	16.01	15.78
	8RB-Low (0)	1913.5 (26675)	15.90	15.99	15.84	15.70
		1882.5 (26365)	15.81	15.90	15.86	15.61
		1851.5 (26055)	15.94	16.08	15.99	15.79
	15RB (0)	1913.5 (26675)	15.86	15.92	15.87	15.63
		1882.5 (26365)	15.81	15.85	15.85	15.56
		1851.5 (26055)	15.93	15.99	15.90	15.70

5MHz	1RB-High (24)	1912.5 (26665)	15.78	16.22	16.02	15.93
		1882.5 (26365)	15.79	16.16	15.97	15.87
		1852.5 (26065)	15.88	16.15	15.94	15.86
	1RB-Middle (12)	1912.5 (26665)	15.83	16.14	15.94	15.85
		1882.5 (26365)	15.85	16.25	16.07	15.96
		1852.5 (26065)	15.99	16.24	16.07	15.95
	1RB-Low (0)	1912.5 (26665)	15.87	16.14	15.94	15.85
		1882.5 (26365)	15.75	16.06	15.98	15.77
		1852.5 (26065)	15.87	16.20	15.90	15.91
	12RB-High (13)	1912.5 (26665)	15.91	15.89	15.88	15.60
		1882.5 (26365)	15.94	15.98	15.96	15.69
		1852.5 (26065)	15.94	15.93	16.00	15.64
	12RB-Middle (6)	1912.5 (26665)	15.93	15.88	15.96	15.59
		1882.5 (26365)	15.91	16.00	15.99	15.71
		1852.5 (26065)	15.96	16.04	16.09	15.75
	12RB-Low (0)	1912.5 (26665)	15.94	15.93	15.89	15.64
		1882.5 (26365)	15.82	15.95	15.79	15.66
		1852.5 (26065)	15.95	15.95	16.00	15.66
	25RB (0)	1912.5 (26665)	15.92	15.88	15.85	15.59
		1882.5 (26365)	15.79	15.77	15.78	15.48
		1852.5 (26065)	15.94	15.92	15.96	15.63
10MHz	1RB-High (49)	1910 (26640)	15.76	16.21	16.21	15.92
		1882.5 (26365)	15.92	16.21	15.91	15.92
		1855 (26090)	15.83	16.21	16.03	15.92
	1RB-Middle (24)	1910 (26640)	15.83	16.14	15.81	15.85
		1882.5 (26365)	15.88	16.23	16.04	15.94
		1855 (26090)	15.89	16.19	16.00	15.90
	1RB-Low (0)	1910 (26640)	15.86	16.18	16.00	15.89
		1882.5 (26365)	15.82	16.16	15.87	15.87
		1855 (26090)	15.87	16.11	16.13	15.82
	25RB-High (25)	1910 (26640)	15.89	15.92	15.89	15.63
		1882.5 (26365)	15.91	15.98	15.93	15.69
		1855 (26090)	15.99	15.99	15.97	15.70
	25RB-Middle (12)	1910 (26640)	15.91	15.97	15.94	15.68
		1882.5 (26365)	15.79	15.91	15.85	15.62
		1855 (26090)	15.94	15.99	15.94	15.70
	25RB-Low (0)	1910 (26640)	15.86	15.83	15.82	15.54
		1882.5 (26365)	15.85	15.87	15.85	15.58
		1855 (26090)	15.94	15.94	15.94	15.65
	50RB (0)	1910 (26640)	15.76	15.82	15.80	15.53
		1882.5 (26365)	15.83	15.82	15.93	15.53
		1855 (26090)	15.89	16.00	15.92	15.71

15MHz	1RB-High (74)	1907.5 (26615)	15.59	15.86	15.66	15.57
		1882.5 (26365)	15.73	16.01	15.86	15.72
		1857.5 (26115)	15.81	16.04	15.85	15.75
	1RB-Middle (37)	1907.5 (26615)	15.68	15.98	15.71	15.69
		1882.5 (26365)	15.69	16.15	15.83	15.86
		1857.5 (26115)	15.73	16.21	15.85	15.92
	1RB-Low (0)	1907.5 (26615)	15.72	15.86	15.85	15.57
		1882.5 (26365)	15.64	16.00	15.86	15.71
		1857.5 (26115)	15.70	15.78	15.72	15.49
	36RB-High (38)	1907.5 (26615)	15.83	15.75	15.72	15.46
		1882.5 (26365)	15.74	15.83	15.83	15.54
		1857.5 (26115)	15.88	15.86	15.86	15.57
	36RB-Middle (19)	1907.5 (26615)	15.79	15.84	15.81	15.55
		1882.5 (26365)	15.74	15.74	15.62	15.45
		1857.5 (26115)	15.80	15.79	15.77	15.50
	36RB-Low (0)	1907.5 (26615)	15.74	15.75	15.73	15.46
		1882.5 (26365)	15.63	15.72	15.72	15.44
		1857.5 (26115)	15.85	15.92	15.82	15.63
	75RB (0)	1907.5 (26615)	15.77	15.84	15.82	15.55
		1882.5 (26365)	15.79	15.70	15.79	15.42
		1857.5 (26115)	15.79	15.90	15.81	15.61
20MHz	1RB-High (99)	1905 (26590)	15.64	15.77	15.93	15.48
		1882.5 (26365)	15.60	16.11	15.77	15.82
		1860 (26140)	15.64	15.96	15.94	15.67
	1RB-Middle (50)	1905 (26590)	15.73	16.09	16.12	15.80
		1882.5 (26365)	15.82	16.04	15.85	15.75
		1860 (26140)	15.76	16.09	16.43	15.80
	1RB-Low (0)	1905 (26590)	15.82	16.09	15.83	15.80
		1882.5 (26365)	15.60	16.01	15.90	15.72
		1860 (26140)	15.77	15.84	15.95	15.55
	50RB-High (50)	1905 (26590)	15.83	15.79	15.75	15.50
		1882.5 (26365)	15.75	15.73	15.86	15.45
		1860 (26140)	15.85	15.84	15.87	15.55
	50RB-Middle (25)	1905 (26590)	15.77	15.72	15.76	15.44
		1882.5 (26365)	15.74	15.72	15.66	15.44
		1860 (26140)	15.77	15.81	15.86	15.52
	50RB-Low (0)	1905 (26590)	15.76	15.80	15.82	15.51
		1882.5 (26365)	15.74	15.81	15.84	15.52
		1860 (26140)	15.78	15.80	15.76	15.51
	100RB (0)	1905 (26590)	15.69	15.73	15.71	15.45
		1882.5 (26365)	15.69	15.76	15.80	15.47
		1860 (26140)	15.73	15.90	15.83	15.61

LTE Band26(ANT0 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	24.58	23.84	22.64	19.93
		831.5 (26865)	24.65	23.81	22.86	20.03
		814.7 (26697)	24.60	23.79	22.71	19.93
	1RB-Middle (3)	848.3 (27033)	24.62	24.00	22.72	19.79
		831.5 (26865)	24.74	23.94	22.89	20.03
		814.7 (26697)	24.60	23.91	22.90	20.12
	1RB-Low (0)	848.3 (27033)	24.67	24.03	22.71	19.73
		831.5 (26865)	24.53	23.89	22.73	19.81
		814.7 (26697)	24.59	23.97	22.96	19.93
	3RB-High (3)	848.3 (27033)	24.61	23.72	22.68	19.65
		831.5 (26865)	24.69	23.79	22.68	19.93
		814.7 (26697)	24.65	23.70	22.72	19.84
	3RB-Middle (1)	848.3 (27033)	24.58	23.84	22.71	19.53
		831.5 (26865)	24.65	23.61	22.79	19.97
		814.7 (26697)	24.63	23.73	22.87	19.90
	3RB-Low (0)	848.3 (27033)	24.68	23.75	22.65	19.65
		831.5 (26865)	24.62	23.71	22.68	20.08
		814.7 (26697)	24.71	23.78	22.72	19.87
	6RB (0)	848.3 (27033)	23.64	22.62	21.67	19.63
		831.5 (26865)	23.62	22.61	21.56	19.92
		814.7 (26697)	23.65	22.68	21.71	19.81
3MHz	1RB-High (14)	847.5 (27025)	24.55	23.90	22.68	19.92
		831.5 (26865)	24.71	24.03	22.89	20.23
		815.5 (26705)	24.63	23.98	21.96	19.92
	1RB-Middle (7)	847.5 (27025)	24.63	23.95	22.86	20.23
		831.5 (26865)	24.67	24.14	22.98	20.18
		815.5 (26705)	24.70	23.99	21.84	19.92
	1RB-Low (0)	847.5 (27025)	24.60	24.08	22.81	19.67
		831.5 (26865)	24.56	24.34	22.84	19.93
		815.5 (26705)	24.63	23.89	22.01	20.05
	8RB-High (7)	847.5 (27025)	23.60	22.65	21.78	19.73
		831.5 (26865)	23.75	22.75	21.80	19.92
		815.5 (26705)	23.79	22.86	20.82	19.93
	8RB-Middle (4)	847.5 (27025)	23.67	22.75	21.69	19.70
		831.5 (26865)	23.73	22.81	21.82	19.97
		815.5 (26705)	23.77	22.83	20.84	19.90
	8RB-Low (0)	847.5 (27025)	23.63	22.69	21.72	19.68
		831.5 (26865)	23.60	22.72	21.74	19.71
		815.5 (26705)	23.66	22.76	20.74	19.79
	15RB (0)	847.5 (27025)	23.61	22.71	21.72	19.56
		831.5 (26865)	23.64	22.67	21.70	19.75
		815.5 (26705)	23.64	22.66	20.74	19.87

5MHz	1RB-High (24)	846.5 (27015)	24.64	24.04	22.81	19.54
		831.5 (26865)	24.60	24.03	22.81	20.05
		816.5 (26715)	24.65	23.97	22.82	19.87
	1RB-Middle (12)	846.5 (27015)	24.70	24.33	22.78	19.93
		831.5 (26865)	24.72	24.06	22.98	20.22
		816.5 (26715)	24.83	23.99	23.08	20.30
	1RB-Low (0)	846.5 (27015)	24.73	24.14	22.84	19.46
		831.5 (26865)	24.56	23.83	22.78	19.78
		816.5 (26715)	24.60	24.17	22.79	19.98
	12RB-High (13)	846.5 (27015)	23.64	22.73	21.76	19.65
		831.5 (26865)	23.74	22.71	21.82	20.00
		816.5 (26715)	23.67	22.73	21.71	19.90
	12RB-Middle (6)	846.5 (27015)	23.73	22.67	21.72	19.79
		831.5 (26865)	23.72	22.72	21.82	19.87
		816.5 (26715)	23.75	22.77	21.80	19.81
	12RB-Low (0)	846.5 (27015)	23.70	22.75	21.70	19.73
		831.5 (26865)	23.66	22.75	21.66	19.92
		816.5 (26715)	23.71	22.73	21.75	19.87
	25RB (0)	846.5 (27015)	23.61	22.69	21.70	19.58
		831.5 (26865)	23.64	22.74	21.74	19.83
		816.5 (26715)	23.75	22.75	21.68	19.79
10MHz	1RB-High (49)	844 (26990)	24.69	24.01	22.96	19.46
		831.5 (26865)	24.62	23.95	22.78	20.17
		820 (26750)	24.67	24.29	22.86	19.87
	1RB-Middle (24)	844 (26990)	24.64	24.10	22.74	19.95
		831.5 (26865)	24.72	23.99	22.99	20.08
		820 (26750)	24.67	23.95	22.84	19.93
	1RB-Low (0)	844 (26990)	24.64	23.96	23.34	19.93
		831.5 (26865)	24.63	24.02	22.86	20.34
		820 (26750)	24.76	24.38	22.93	19.83
	25RB-High (25)	844 (26990)	23.73	22.79	21.98	19.70
		831.5 (26865)	23.78	22.75	21.79	19.88
		820 (26750)	23.65	22.59	21.79	19.88
	25RB-Middle (12)	844 (26990)	23.74	22.58	21.76	19.67
		831.5 (26865)	23.69	22.70	21.75	19.75
		820 (26750)	23.73	22.80	21.76	20.05
	25RB-Low (0)	844 (26990)	23.70	22.76	21.75	19.78
		831.5 (26865)	23.70	22.70	21.80	19.97
		820 (26750)	23.68	22.64	21.75	19.83
	50RB (0)	844 (26990)	23.66	22.67	21.78	19.67
		831.5 (26865)	23.69	22.63	21.73	19.75
		820 (26750)	23.68	22.67	21.80	19.76

15MHz	1RB-High (74)	841.5 (26965)	24.53	23.86	22.68	19.87
		831.5 (26865)	24.46	23.92	22.93	19.62
		822.5 (26775)	24.33	23.79	22.69	19.78
	1RB-Middle (37)	841.5 (26965)	24.68	23.93	22.62	19.49
		831.5 (26865)	24.55	23.90	22.68	19.73
		822.5 (26775)	24.45	23.70	22.83	19.65
	1RB-Low (0)	841.5 (26965)	24.87	23.86	22.83	19.63
		831.5 (26865)	24.52	24.02	22.62	19.58
		822.5 (26775)	24.64	23.84	22.99	19.81
	36RB-High (38)	841.5 (26965)	23.69	22.68	21.67	19.32
		831.5 (26865)	23.68	22.77	21.64	19.65
		822.5 (26775)	23.68	22.65	21.58	19.67
	36RB-Middle (19)	841.5 (26965)	23.62	22.55	21.56	19.24
		831.5 (26865)	23.67	22.59	21.58	19.36
		822.5 (26775)	23.60	22.66	21.67	19.70
	36RB-Low (0)	841.5 (26965)	23.68	22.68	21.59	19.48
		831.5 (26865)	23.67	22.59	21.59	19.56
		822.5 (26775)	23.66	22.51	21.56	19.73
	75RB (0)	841.5 (26965)	23.70	22.63	21.53	19.36
		831.5 (26865)	23.60	22.67	21.64	19.53
		822.5 (26775)	23.60	22.57	21.54	19.59

LTE Band26(ANT0 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	24.08	23.94	22.61	19.83
		831.5 (26865)	24.02	24.20	22.75	19.93
		814.7 (26697)	24.00	23.99	22.82	19.83
	1RB-Middle (3)	848.3 (27033)	24.03	24.12	22.85	19.69
		831.5 (26865)	24.25	24.13	22.99	19.93
		814.7 (26697)	24.06	24.16	22.75	20.02
	1RB-Low (0)	848.3 (27033)	24.06	24.03	22.80	19.63
		831.5 (26865)	23.95	23.95	22.71	19.71
		814.7 (26697)	24.06	23.92	22.64	19.83
	3RB-High (3)	848.3 (27033)	23.99	23.77	22.67	19.55
		831.5 (26865)	24.12	23.86	22.75	19.83
		814.7 (26697)	24.09	23.80	22.71	19.74
	3RB-Middle (1)	848.3 (27033)	24.06	23.66	22.68	19.43
		831.5 (26865)	24.02	23.69	22.63	19.87
		814.7 (26697)	24.09	23.83	22.77	19.80
	3RB-Low (0)	848.3 (27033)	24.07	23.69	22.70	19.55
		831.5 (26865)	24.06	23.80	22.68	19.98
		814.7 (26697)	24.07	23.76	22.71	19.77
	6RB (0)	848.3 (27033)	23.61	22.65	21.58	19.53
		831.5 (26865)	23.61	22.65	21.62	19.82
		814.7 (26697)	23.67	22.68	21.77	19.71
3MHz	1RB-High (14)	847.5 (27025)	24.00	23.84	22.82	19.82
		831.5 (26865)	23.99	23.97	22.81	20.13
		815.5 (26705)	23.93	24.02	21.85	19.82
	1RB-Middle (7)	847.5 (27025)	24.06	23.79	22.86	20.13
		831.5 (26865)	24.18	24.06	22.81	20.08
		815.5 (26705)	24.11	24.10	22.01	19.82
	1RB-Low (0)	847.5 (27025)	23.95	23.88	22.77	19.57
		831.5 (26865)	23.92	24.04	22.65	19.83
		815.5 (26705)	24.08	23.80	21.99	19.95
	8RB-High (7)	847.5 (27025)	23.66	22.65	21.70	19.63
		831.5 (26865)	23.77	22.80	21.68	19.82
		815.5 (26705)	23.77	22.80	20.79	19.83
	8RB-Middle (4)	847.5 (27025)	23.68	22.67	21.79	19.60
		831.5 (26865)	23.72	22.91	21.79	19.87
		815.5 (26705)	23.70	22.76	20.84	19.80
	8RB-Low (0)	847.5 (27025)	23.70	22.73	21.69	19.58
		831.5 (26865)	23.66	22.68	21.72	19.61
		815.5 (26705)	23.63	22.72	20.69	19.69
	15RB (0)	847.5 (27025)	23.60	22.63	21.65	19.46
		831.5 (26865)	23.66	22.65	21.70	19.65
		815.5 (26705)	23.62	22.70	20.61	19.77

5MHz	1RB-High (24)	846.5 (27015)	23.96	23.96	22.76	19.44
		831.5 (26865)	23.95	23.89	22.98	19.95
		816.5 (26715)	23.97	23.98	22.72	19.77
	1RB-Middle (12)	846.5 (27015)	24.01	24.17	22.64	19.83
		831.5 (26865)	24.09	23.88	22.86	20.12
		816.5 (26715)	24.11	23.96	22.93	20.20
	1RB-Low (0)	846.5 (27015)	24.10	24.10	22.86	19.36
		831.5 (26865)	23.99	23.84	22.83	19.68
		816.5 (26715)	23.99	23.96	22.96	19.88
	12RB-High (13)	846.5 (27015)	23.68	22.65	21.73	19.55
		831.5 (26865)	23.69	22.73	21.75	19.90
		816.5 (26715)	23.72	22.73	21.68	19.80
	12RB-Middle (6)	846.5 (27015)	23.76	22.73	21.71	19.69
		831.5 (26865)	23.69	22.68	21.75	19.77
		816.5 (26715)	23.68	22.69	21.72	19.71
	12RB-Low (0)	846.5 (27015)	23.64	22.67	21.68	19.63
		831.5 (26865)	23.61	22.62	21.69	19.82
		816.5 (26715)	23.72	22.77	21.76	19.77
	25RB (0)	846.5 (27015)	23.64	22.66	21.64	19.48
		831.5 (26865)	23.69	22.65	21.74	19.73
		816.5 (26715)	23.69	22.71	21.66	19.69
10MHz	1RB-High (49)	844 (26990)	24.00	24.12	22.67	19.36
		831.5 (26865)	24.01	23.92	22.94	20.07
		820 (26750)	24.01	24.17	22.69	19.77
	1RB-Middle (24)	844 (26990)	23.98	23.80	22.73	19.85
		831.5 (26865)	24.19	24.12	22.96	19.98
		820 (26750)	24.01	23.94	22.99	19.83
	1RB-Low (0)	844 (26990)	24.13	24.00	22.85	19.83
		831.5 (26865)	23.96	24.15	22.93	20.24
		820 (26750)	24.05	23.97	22.75	19.73
	25RB-High (25)	844 (26990)	23.64	22.76	21.71	19.60
		831.5 (26865)	23.68	22.70	21.74	19.78
		820 (26750)	23.68	22.66	21.72	19.78
	25RB-Middle (12)	844 (26990)	23.67	22.65	21.65	19.57
		831.5 (26865)	23.62	22.69	21.73	19.65
		820 (26750)	23.68	22.74	21.75	19.95
	25RB-Low (0)	844 (26990)	23.70	22.67	21.69	19.68
		831.5 (26865)	23.63	22.69	21.65	19.87
		820 (26750)	23.63	22.57	21.67	19.73
	50RB (0)	844 (26990)	23.63	22.64	21.59	19.57
		831.5 (26865)	23.65	22.58	21.69	19.65
		820 (26750)	23.70	22.62	21.62	19.66

15MHz	1RB-High (74)	841.5 (26965)	23.93	23.92	22.66	19.77
		831.5 (26865)	23.86	23.92	22.65	19.52
		822.5 (26775)	23.79	23.78	22.52	19.68
	1RB-Middle (37)	841.5 (26965)	23.93	23.83	22.76	19.39
		831.5 (26865)	23.94	23.74	22.52	19.63
		822.5 (26775)	23.81	23.65	22.32	19.55
	1RB-Low (0)	841.5 (26965)	24.15	23.87	22.61	19.53
		831.5 (26865)	23.77	23.97	22.72	19.48
		822.5 (26775)	23.81	23.84	23.33	19.71
	36RB-High (38)	841.5 (26965)	23.53	22.54	21.41	19.22
		831.5 (26865)	23.61	22.62	21.62	19.55
		822.5 (26775)	23.55	22.55	21.57	19.57
	36RB-Middle (19)	841.5 (26965)	23.54	22.56	21.48	19.14
		831.5 (26865)	23.56	22.56	21.55	19.26
		822.5 (26775)	23.61	22.57	21.58	19.60
	36RB-Low (0)	841.5 (26965)	23.62	22.61	21.61	19.38
		831.5 (26865)	23.54	22.61	21.60	19.46
		822.5 (26775)	23.53	22.55	21.53	19.63
	75RB (0)	841.5 (26965)	23.45	22.55	21.58	19.26
		831.5 (26865)	23.53	22.56	21.61	19.43
		822.5 (26775)	23.56	22.64	21.61	19.49

LTE Band26(ANT0 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	17.88	18.28	18.01	18.12
		831.5 (26865)	17.95	18.30	18.06	18.17
		814.7 (26697)	17.95	18.45	18.07	18.18
	1RB-Middle (3)	848.3 (27033)	17.88	18.17	18.12	18.23
		831.5 (26865)	18.05	18.29	18.21	18.32
		814.7 (26697)	18.00	18.36	18.01	18.12
	1RB-Low (0)	848.3 (27033)	17.85	18.23	17.82	17.93
		831.5 (26865)	17.81	18.22	18.06	18.17
		814.7 (26697)	18.00	18.31	18.01	18.12
	3RB-High (3)	848.3 (27033)	17.96	17.98	17.94	18.05
		831.5 (26865)	18.02	18.16	18.16	18.27
		814.7 (26697)	18.01	18.13	18.04	18.15
	3RB-Middle (1)	848.3 (27033)	17.88	18.10	17.88	17.99
		831.5 (26865)	17.97	18.08	18.15	18.26
		814.7 (26697)	18.01	18.09	18.13	18.24
	3RB-Low (0)	848.3 (27033)	17.90	18.01	17.89	18.00
		831.5 (26865)	17.92	18.12	17.99	18.10
		814.7 (26697)	18.03	18.23	18.05	18.16
	6RB (0)	848.3 (27033)	17.87	18.00	17.92	18.03
		831.5 (26865)	17.94	18.00	17.88	17.99
		814.7 (26697)	17.97	18.03	18.06	18.17
3MHz	1RB-High (14)	847.5 (27025)	17.80	18.18	17.98	18.09
		831.5 (26865)	18.03	18.17	18.28	18.39
		815.5 (26705)	17.84	18.25	18.08	18.19
	1RB-Middle (7)	847.5 (27025)	17.90	18.29	18.06	18.17
		831.5 (26865)	17.98	18.26	18.20	18.31
		815.5 (26705)	18.06	18.39	18.49	18.43
	1RB-Low (0)	847.5 (27025)	17.83	18.30	17.98	18.09
		831.5 (26865)	17.92	18.43	17.92	18.03
		815.5 (26705)	17.95	18.32	18.12	18.23
	8RB-High (7)	847.5 (27025)	18.05	18.11	17.98	18.09
		831.5 (26865)	18.03	18.07	18.11	18.22
		815.5 (26705)	17.98	18.10	18.16	18.27
	8RB-Middle (4)	847.5 (27025)	18.00	18.00	18.03	18.14
		831.5 (26865)	18.05	18.19	18.11	18.22
		815.5 (26705)	18.05	18.11	18.08	18.19
	8RB-Low (0)	847.5 (27025)	18.01	18.07	17.97	18.08
		831.5 (26865)	17.92	18.07	17.93	18.04
		815.5 (26705)	17.94	18.07	18.09	18.20
	15RB (0)	847.5 (27025)	17.90	18.01	17.91	18.02
		831.5 (26865)	17.94	18.00	18.01	18.12
		815.5 (26705)	17.96	18.07	18.03	18.14

5MHz	1RB-High (24)	846.5 (27015)	17.96	18.45	18.05	18.16
		831.5 (26865)	18.01	18.48	18.01	18.12
		816.5 (26715)	17.96	18.30	18.08	18.19
	1RB-Middle (12)	846.5 (27015)	18.05	18.40	18.01	18.12
		831.5 (26865)	18.22	18.25	18.31	18.32
		816.5 (26715)	18.04	18.36	18.27	18.38
	1RB-Low (0)	846.5 (27015)	18.05	18.46	18.15	18.26
		831.5 (26865)	17.94	18.07	17.90	18.01
		816.5 (26715)	17.94	18.41	18.09	18.20
	12RB-High (13)	846.5 (27015)	17.94	17.99	18.05	18.16
		831.5 (26865)	18.01	18.04	18.05	18.16
		816.5 (26715)	18.03	18.11	18.05	18.16
	12RB-Middle (6)	846.5 (27015)	18.05	18.13	18.03	18.14
		831.5 (26865)	17.98	17.97	18.09	18.20
		816.5 (26715)	18.09	18.13	18.08	18.19
	12RB-Low (0)	846.5 (27015)	17.98	18.09	18.01	18.12
		831.5 (26865)	17.91	18.02	18.01	18.12
		816.5 (26715)	18.03	18.08	18.13	18.24
	25RB (0)	846.5 (27015)	17.99	17.99	17.99	18.10
		831.5 (26865)	17.99	17.95	17.97	18.08
		816.5 (26715)	18.04	18.09	18.03	18.14
10MHz	1RB-High (49)	844 (26990)	17.87	18.22	17.95	18.06
		831.5 (26865)	17.95	18.11	18.37	18.48
		820 (26750)	18.06	18.21	18.12	18.23
	1RB-Middle (24)	844 (26990)	17.96	18.24	18.30	18.41
		831.5 (26865)	18.16	18.26	18.19	18.30
		820 (26750)	17.97	18.38	18.15	18.26
	1RB-Low (0)	844 (26990)	17.99	18.47	18.19	18.30
		831.5 (26865)	18.01	18.35	18.07	18.18
		820 (26750)	18.00	18.43	18.12	18.23
	25RB-High (25)	844 (26990)	18.01	18.13	18.08	18.19
		831.5 (26865)	18.06	18.04	18.12	18.23
		820 (26750)	18.03	18.07	17.96	18.07
	25RB-Middle (12)	844 (26990)	18.03	18.03	18.08	18.19
		831.5 (26865)	18.00	18.02	18.11	18.22
		820 (26750)	18.09	18.10	18.16	18.27
	25RB-Low (0)	844 (26990)	17.99	18.01	18.04	18.15
		831.5 (26865)	18.04	18.05	18.06	18.17
		820 (26750)	17.94	17.97	18.01	18.12
	50RB (0)	844 (26990)	17.94	17.98	17.99	18.10
		831.5 (26865)	18.02	17.92	17.93	18.04
		820 (26750)	18.04	18.05	18.09	18.20

15MHz	1RB-High (74)	841.5 (26965)	17.68	18.10	17.74	17.85
		831.5 (26865)	18.01	18.10	17.78	17.89
		822.5 (26775)	17.70	18.22	17.76	17.87
	1RB-Middle (37)	841.5 (26965)	17.82	18.31	18.01	18.12
		831.5 (26865)	17.84	18.21	17.94	18.05
		822.5 (26775)	17.67	18.13	18.01	18.12
	1RB-Low (0)	841.5 (26965)	17.85	18.07	18.15	18.26
		831.5 (26865)	17.83	18.12	17.88	17.99
		822.5 (26775)	17.70	18.15	17.97	18.08
	36RB-High (38)	841.5 (26965)	17.93	17.96	18.02	18.13
		831.5 (26865)	17.93	17.95	17.94	18.05
		822.5 (26775)	17.90	17.90	17.96	18.07
	36RB-Middle (19)	841.5 (26965)	17.89	17.92	17.92	18.03
		831.5 (26865)	17.81	17.77	17.80	17.91
		822.5 (26775)	17.91	17.88	17.88	17.99
	36RB-Low (0)	841.5 (26965)	17.97	17.98	17.91	18.02
		831.5 (26865)	17.84	17.88	17.86	17.97
		822.5 (26775)	17.83	17.91	17.86	17.97
	75RB (0)	841.5 (26965)	17.87	17.87	17.93	18.04
		831.5 (26865)	17.93	17.86	17.77	17.88
		822.5 (26775)	17.89	17.95	17.91	18.02

LTE Band26(ANT3 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	19.82	20.04	19.78	18.69
		831.5 (26865)	19.77	20.14	20.00	18.67
		814.7 (26697)	19.79	20.11	20.02	18.64
	1RB-Middle (3)	848.3 (27033)	19.78	20.03	19.85	18.59
		831.5 (26865)	19.90	20.09	20.13	18.56
		814.7 (26697)	19.80	20.33	19.91	18.56
	1RB-Low (0)	848.3 (27033)	19.68	19.84	19.68	18.60
		831.5 (26865)	19.68	20.33	19.95	18.54
		814.7 (26697)	19.82	19.98	19.94	18.80
	3RB-High (3)	848.3 (27033)	19.72	19.83	19.84	18.54
		831.5 (26865)	19.87	20.32	19.85	18.69
		814.7 (26697)	19.88	19.99	19.94	18.59
	3RB-Middle (1)	848.3 (27033)	19.69	19.72	19.84	18.48
		831.5 (26865)	19.75	20.38	19.86	18.56
		814.7 (26697)	19.99	19.86	19.93	18.67
	3RB-Low (0)	848.3 (27033)	19.77	19.86	19.76	18.36
		831.5 (26865)	19.79	20.24	19.85	18.63
		814.7 (26697)	19.90	19.93	19.97	18.63
	6RB (0)	848.3 (27033)	19.61	19.83	19.69	18.28
		831.5 (26865)	19.79	20.09	19.77	18.38
		814.7 (26697)	19.90	19.88	19.84	18.58
3MHz	1RB-High (14)	847.5 (27025)	19.65	20.09	19.94	18.59
		831.5 (26865)	19.85	20.07	19.90	18.81
		815.5 (26705)	19.54	20.10	20.27	18.59
	1RB-Middle (7)	847.5 (27025)	19.72	20.29	19.88	18.75
		831.5 (26865)	19.84	20.10	19.84	18.59
		815.5 (26705)	19.61	20.25	20.04	18.77
	1RB-Low (0)	847.5 (27025)	19.63	19.94	19.90	18.85
		831.5 (26865)	19.99	20.14	20.00	18.62
		815.5 (26705)	19.52	20.23	20.10	18.71
	8RB-High (7)	847.5 (27025)	19.81	19.86	19.79	18.56
		831.5 (26865)	19.92	19.87	19.90	18.71
		815.5 (26705)	19.82	19.90	19.91	18.68
	8RB-Middle (4)	847.5 (27025)	19.82	19.79	19.77	18.43
		831.5 (26865)	19.97	20.03	20.00	18.67
		815.5 (26705)	19.68	20.05	19.94	18.69
	8RB-Low (0)	847.5 (27025)	19.78	19.92	19.73	18.48
		831.5 (26865)	19.79	19.83	19.92	18.56
		815.5 (26705)	19.78	19.87	19.81	18.59
	15RB (0)	847.5 (27025)	19.68	19.80	19.78	18.39
		831.5 (26865)	19.78	19.84	19.82	18.56
		815.5 (26705)	19.81	19.83	19.81	18.56

5MHz	1RB-High (24)	846.5 (27015)	19.78	20.21	19.93	18.59
		831.5 (26865)	19.85	20.22	20.00	18.69
		816.5 (26715)	19.67	20.11	19.77	18.54
	1RB-Middle (12)	846.5 (27015)	19.81	20.15	20.07	18.56
		831.5 (26865)	19.89	20.09	20.02	18.55
		816.5 (26715)	19.97	20.07	20.02	18.55
	1RB-Low (0)	846.5 (27015)	19.75	20.06	19.94	18.73
		831.5 (26865)	19.73	20.22	20.02	18.65
		816.5 (26715)	19.87	20.08	19.97	18.85
	12RB-High (13)	846.5 (27015)	19.75	19.89	19.82	18.51
		831.5 (26865)	19.94	20.02	19.91	18.52
		816.5 (26715)	19.86	19.92	19.86	18.54
	12RB-Middle (6)	846.5 (27015)	19.81	19.83	19.87	18.52
		831.5 (26865)	19.72	19.90	19.92	18.58
		816.5 (26715)	19.92	19.94	19.98	18.68
	12RB-Low (0)	846.5 (27015)	19.83	19.80	19.87	18.56
		831.5 (26865)	19.82	19.86	19.86	18.54
		816.5 (26715)	19.89	19.90	19.95	18.54
	25RB (0)	846.5 (27015)	19.79	19.84	19.84	18.46
		831.5 (26865)	19.82	19.81	19.90	18.50
		816.5 (26715)	19.86	19.88	19.86	18.51
10MHz	1RB-High (49)	844 (26990)	19.60	20.24	19.79	18.68
		831.5 (26865)	19.80	20.12	19.81	18.59
		820 (26750)	19.76	20.10	20.02	18.79
	1RB-Middle (24)	844 (26990)	19.92	20.19	20.00	18.81
		831.5 (26865)	19.84	20.27	19.99	18.60
		820 (26750)	19.72	20.02	20.14	18.59
	1RB-Low (0)	844 (26990)	19.85	20.19	20.34	18.71
		831.5 (26865)	19.82	20.32	19.83	18.84
		820 (26750)	19.85	20.14	20.00	18.85
	25RB-High (25)	844 (26990)	19.84	19.86	19.86	18.54
		831.5 (26865)	19.84	20.01	20.00	18.62
		820 (26750)	19.90	19.81	19.88	18.59
	25RB-Middle (12)	844 (26990)	19.81	19.81	19.80	18.59
		831.5 (26865)	19.89	19.88	19.95	18.48
		820 (26750)	19.87	19.87	19.92	18.59
	25RB-Low (0)	844 (26990)	19.80	19.84	19.86	18.52
		831.5 (26865)	19.88	19.84	19.95	18.52
		820 (26750)	19.91	19.88	19.89	18.47
	50RB (0)	844 (26990)	19.81	19.87	19.94	18.46
		831.5 (26865)	19.82	19.86	19.97	18.55
		820 (26750)	19.86	19.93	19.90	18.59

15MHz	1RB-High (74)	841.5 (26965)	19.45	19.95	19.64	18.48
		831.5 (26865)	19.50	19.95	19.72	18.59
		822.5 (26775)	19.52	19.70	19.86	18.40
	1RB-Middle (37)	841.5 (26965)	19.72	20.23	19.59	18.59
		831.5 (26865)	19.69	20.07	19.67	18.72
		822.5 (26775)	19.52	19.93	19.88	18.80
	1RB-Low (0)	841.5 (26965)	19.68	20.15	20.07	18.73
		831.5 (26865)	19.53	19.93	19.83	18.84
		822.5 (26775)	19.98	19.84	19.75	18.83
	36RB-High (38)	841.5 (26965)	19.70	19.75	19.71	18.34
		831.5 (26865)	19.79	19.85	19.86	18.55
		822.5 (26775)	19.83	19.72	19.76	18.48
	36RB-Middle (19)	841.5 (26965)	19.65	19.76	19.74	18.38
		831.5 (26865)	19.70	19.71	19.77	18.43
		822.5 (26775)	19.76	19.81	19.71	18.54
	36RB-Low (0)	841.5 (26965)	19.71	19.71	19.69	18.47
		831.5 (26865)	19.71	19.82	19.78	18.48
		822.5 (26775)	19.77	19.76	19.65	18.35
	75RB (0)	841.5 (26965)	19.67	19.74	19.67	18.40
		831.5 (26865)	19.67	19.66	19.72	18.40
		822.5 (26775)	19.77	19.72	19.82	18.44

LTE Band26(ANT3 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	23.70	23.06	22.01	18.74
		831.5 (26865)	23.94	23.38	22.34	18.72
		814.7 (26697)	23.86	23.13	22.19	18.69
	1RB-Middle (3)	848.3 (27033)	23.80	23.15	22.15	18.64
		831.5 (26865)	23.92	23.40	22.25	18.61
		814.7 (26697)	23.84	23.26	22.12	18.61
	1RB-Low (0)	848.3 (27033)	23.83	23.25	22.14	18.65
		831.5 (26865)	23.82	23.13	22.20	18.58
		814.7 (26697)	23.76	23.08	22.06	18.85
	3RB-High (3)	848.3 (27033)	23.70	22.82	22.09	18.58
		831.5 (26865)	24.03	23.12	22.19	18.74
		814.7 (26697)	23.88	22.92	22.13	18.64
	3RB-Middle (1)	848.3 (27033)	23.76	22.86	22.18	18.53
		831.5 (26865)	23.93	23.04	22.17	18.61
		814.7 (26697)	23.76	23.02	22.10	18.72
	3RB-Low (0)	848.3 (27033)	23.81	22.97	22.02	18.41
		831.5 (26865)	24.00	23.01	22.08	18.68
		814.7 (26697)	23.85	22.95	22.04	18.68
	6RB (0)	848.3 (27033)	22.77	21.77	21.02	18.33
		831.5 (26865)	22.72	21.94	21.07	18.43
		814.7 (26697)	22.73	21.86	21.07	18.62
3MHz	1RB-High (14)	847.5 (27025)	23.72	23.34	22.13	18.64
		831.5 (26865)	23.83	23.24	22.26	18.86
		815.5 (26705)	23.85	23.18	21.26	18.64
	1RB-Middle (7)	847.5 (27025)	23.83	23.03	22.15	18.80
		831.5 (26865)	23.90	23.19	22.32	18.64
		815.5 (26705)	23.98	23.27	21.51	18.82
	1RB-Low (0)	847.5 (27025)	23.78	23.01	22.12	18.90
		831.5 (26865)	23.86	23.52	22.12	18.66
		815.5 (26705)	23.74	23.33	21.37	18.76
	8RB-High (7)	847.5 (27025)	22.85	22.01	21.07	18.61
		831.5 (26865)	22.93	22.08	21.22	18.76
		815.5 (26705)	22.98	22.03	20.28	18.73
	8RB-Middle (4)	847.5 (27025)	22.86	21.91	21.18	18.48
		831.5 (26865)	22.99	22.02	21.23	18.72
		815.5 (26705)	23.01	22.11	20.27	18.74
	8RB-Low (0)	847.5 (27025)	22.86	21.87	21.02	18.53
		831.5 (26865)	22.92	21.98	21.13	18.61
		815.5 (26705)	22.92	21.97	20.15	18.64
	15RB (0)	847.5 (27025)	22.76	21.93	21.03	18.44
		831.5 (26865)	22.89	21.90	21.08	18.61
		815.5 (26705)	22.94	21.89	20.10	18.61

5MHz	1RB-High (24)	846.5 (27015)	23.76	23.17	22.05	18.64
		831.5 (26865)	23.91	23.26	22.32	18.74
		816.5 (26715)	23.82	23.25	22.35	18.58
	1RB-Middle (12)	846.5 (27015)	23.72	23.27	22.09	18.61
		831.5 (26865)	24.02	23.25	22.34	18.60
		816.5 (26715)	24.08	23.43	22.22	18.60
	1RB-Low (0)	846.5 (27015)	23.79	23.03	22.23	18.78
		831.5 (26865)	23.97	23.19	22.31	18.70
		816.5 (26715)	23.99	23.54	22.21	18.90
	12RB-High (13)	846.5 (27015)	22.86	21.86	21.04	18.56
		831.5 (26865)	22.91	22.11	21.20	18.57
		816.5 (26715)	22.97	21.96	21.17	18.58
	12RB-Middle (6)	846.5 (27015)	22.88	21.92	21.18	18.57
		831.5 (26865)	22.88	21.91	21.15	18.62
		816.5 (26715)	22.95	21.96	21.22	18.73
	12RB-Low (0)	846.5 (27015)	22.90	21.92	21.14	18.61
		831.5 (26865)	22.93	21.94	21.07	18.58
		816.5 (26715)	22.95	21.95	21.16	18.58
	25RB (0)	846.5 (27015)	22.84	21.86	21.02	18.51
		831.5 (26865)	22.86	21.90	21.01	18.55
		816.5 (26715)	23.00	21.97	21.12	18.56
10MHz	1RB-High (49)	844 (26990)	23.84	23.21	22.16	18.73
		831.5 (26865)	23.79	23.17	22.09	18.64
		820 (26750)	23.83	23.26	22.12	18.84
	1RB-Middle (24)	844 (26990)	23.80	23.22	22.17	18.86
		831.5 (26865)	23.93	23.08	22.31	18.65
		820 (26750)	23.89	23.05	22.16	18.64
	1RB-Low (0)	844 (26990)	23.95	23.38	22.52	18.76
		831.5 (26865)	23.86	23.10	22.26	18.89
		820 (26750)	23.89	23.50	22.49	18.90
	25RB-High (25)	844 (26990)	22.90	21.86	21.15	18.58
		831.5 (26865)	22.98	21.98	21.18	18.66
		820 (26750)	22.88	21.84	21.19	18.64
	25RB-Middle (12)	844 (26990)	22.84	21.91	21.04	18.64
		831.5 (26865)	22.98	21.92	21.15	18.53
		820 (26750)	22.97	22.01	21.11	18.64
	25RB-Low (0)	844 (26990)	22.85	21.90	21.09	18.57
		831.5 (26865)	22.95	22.00	21.00	18.57
		820 (26750)	22.80	21.94	21.10	18.52
	50RB (0)	844 (26990)	22.85	21.82	21.01	18.51
		831.5 (26865)	22.91	21.94	21.06	18.60
		820 (26750)	22.92	22.01	21.13	18.64

15MHz	1RB-High (74)	841.5 (26965)	23.45	22.85	22.09	18.53
		831.5 (26865)	23.58	22.72	21.87	18.64
		822.5 (26775)	23.71	22.81	22.04	18.45
	1RB-Middle (37)	841.5 (26965)	23.79	22.92	21.95	18.64
		831.5 (26865)	23.76	22.99	22.13	18.77
		822.5 (26775)	23.63	22.99	21.88	18.85
	1RB-Low (0)	841.5 (26965)	23.84	23.02	22.06	18.78
		831.5 (26865)	24.05	23.08	22.01	18.89
		822.5 (26775)	23.80	23.07	22.22	18.88
	36RB-High (38)	841.5 (26965)	22.67	21.78	21.02	18.39
		831.5 (26865)	22.86	21.86	21.08	18.60
		822.5 (26775)	22.77	21.85	20.97	18.53
	36RB-Middle (19)	841.5 (26965)	22.66	21.78	20.95	18.43
		831.5 (26865)	22.80	21.84	20.90	18.48
		822.5 (26775)	22.85	21.83	20.92	18.58
	36RB-Low (0)	841.5 (26965)	22.78	21.77	20.96	18.52
		831.5 (26865)	22.80	21.77	21.02	18.53
		822.5 (26775)	22.83	21.81	21.02	18.40
	75RB (0)	841.5 (26965)	22.83	21.71	21.01	18.45
		831.5 (26865)	22.83	21.85	21.02	18.45
		822.5 (26775)	22.73	21.78	21.07	18.49

LTE Band26(ANT3 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	13.74	14.13	14.15	13.86
		831.5 (26865)	13.95	14.11	14.10	13.84
		814.7 (26697)	13.91	14.09	14.13	13.82
	1RB-Middle (3)	848.3 (27033)	13.94	14.05	14.06	13.78
		831.5 (26865)	14.00	14.03	13.99	13.76
		814.7 (26697)	13.95	14.03	14.13	13.76
	1RB-Low (0)	848.3 (27033)	13.86	14.06	14.04	13.79
		831.5 (26865)	13.91	14.01	13.99	13.74
		814.7 (26697)	13.98	14.21	13.99	13.94
	3RB-High (3)	848.3 (27033)	13.85	14.01	13.92	13.74
		831.5 (26865)	14.01	14.13	14.10	13.86
		814.7 (26697)	13.99	14.05	13.98	13.78
	3RB-Middle (1)	848.3 (27033)	13.83	13.97	13.85	13.71
		831.5 (26865)	13.95	14.03	14.03	13.76
		814.7 (26697)	13.99	14.11	13.92	13.84
	3RB-Low (0)	848.3 (27033)	13.94	13.88	13.96	13.62
		831.5 (26865)	13.95	14.08	13.98	13.81
		814.7 (26697)	13.99	14.08	14.01	13.81
	6RB (0)	848.3 (27033)	13.83	13.82	13.94	13.56
		831.5 (26865)	13.87	13.89	13.95	13.63
		814.7 (26697)	13.95	14.04	14.06	13.77
3MHz	1RB-High (14)	847.5 (27025)	13.89	14.05	14.05	13.78
		831.5 (26865)	13.88	14.22	14.17	13.95
		815.5 (26705)	13.92	14.05	14.02	13.78
	1RB-Middle (7)	847.5 (27025)	13.88	14.17	14.11	13.90
		831.5 (26865)	14.00	14.05	14.23	13.78
		815.5 (26705)	14.01	14.19	14.13	13.92
	1RB-Low (0)	847.5 (27025)	13.85	14.25	14.04	13.98
		831.5 (26865)	13.99	14.07	14.03	13.80
		815.5 (26705)	13.92	14.14	13.98	13.87
	8RB-High (7)	847.5 (27025)	13.90	14.03	13.99	13.76
		831.5 (26865)	14.03	14.14	14.06	13.87
		815.5 (26705)	13.99	14.12	14.11	13.85
	8RB-Middle (4)	847.5 (27025)	13.95	13.93	14.05	13.67
		831.5 (26865)	14.02	14.11	14.14	13.84
		815.5 (26705)	14.07	14.13	14.08	13.86
	8RB-Low (0)	847.5 (27025)	13.95	13.97	14.01	13.71
		831.5 (26865)	13.94	14.03	13.96	13.76
		815.5 (26705)	14.00	14.05	14.03	13.78
	15RB (0)	847.5 (27025)	13.92	13.90	13.96	13.64
		831.5 (26865)	13.99	14.03	13.97	13.76
		815.5 (26705)	13.93	14.03	13.92	13.76

5MHz	1RB-High (24)	846.5 (27015)	13.83	14.05	14.02	13.78
		831.5 (26865)	13.96	14.13	14.07	13.86
		816.5 (26715)	13.88	14.01	14.09	13.74
	1RB-Middle (12)	846.5 (27015)	13.96	14.03	13.96	13.76
		831.5 (26865)	14.01	14.02	14.18	13.75
		816.5 (26715)	14.04	14.02	14.06	13.75
	1RB-Low (0)	846.5 (27015)	13.96	14.16	14.05	13.89
		831.5 (26865)	14.00	14.10	14.16	13.83
		816.5 (26715)	13.98	14.25	14.13	13.98
	12RB-High (13)	846.5 (27015)	13.92	13.99	13.99	13.72
		831.5 (26865)	14.05	14.00	14.08	13.73
		816.5 (26715)	14.01	14.01	14.00	13.74
	12RB-Middle (6)	846.5 (27015)	13.96	14.00	14.00	13.73
		831.5 (26865)	14.01	14.04	13.93	13.77
		816.5 (26715)	14.07	14.12	14.02	13.85
	12RB-Low (0)	846.5 (27015)	13.96	14.03	13.98	13.76
		831.5 (26865)	13.96	14.01	14.02	13.74
		816.5 (26715)	14.05	14.01	14.03	13.74
	25RB (0)	846.5 (27015)	13.94	13.95	13.96	13.69
		831.5 (26865)	13.99	13.98	14.02	13.71
		816.5 (26715)	14.03	13.99	14.01	13.72
10MHz	1RB-High (49)	844 (26990)	13.89	14.12	14.06	13.85
		831.5 (26865)	13.94	14.05	14.03	13.78
		820 (26750)	14.00	14.20	14.08	13.93
	1RB-Middle (24)	844 (26990)	14.01	14.22	14.12	13.95
		831.5 (26865)	14.08	14.06	14.16	13.79
		820 (26750)	13.99	14.05	14.14	13.78
	1RB-Low (0)	844 (26990)	14.06	14.14	14.03	13.87
		831.5 (26865)	14.01	14.24	14.17	13.97
		820 (26750)	13.97	14.25	14.05	13.98
	25RB-High (25)	844 (26990)	13.99	14.01	14.01	13.74
		831.5 (26865)	14.04	14.07	14.01	13.80
		820 (26750)	14.02	14.05	14.00	13.78
	25RB-Middle (12)	844 (26990)	14.00	14.05	14.05	13.78
		831.5 (26865)	13.97	13.97	13.97	13.71
		820 (26750)	14.09	14.05	14.05	13.78
	25RB-Low (0)	844 (26990)	13.97	14.00	14.01	13.73
		831.5 (26865)	14.01	14.00	14.09	13.73
		820 (26750)	14.04	13.96	13.93	13.70
	50RB (0)	844 (26990)	13.97	13.95	13.97	13.69
		831.5 (26865)	13.98	14.02	14.00	13.75
		820 (26750)	14.00	14.05	14.06	13.78

15MHz	1RB-High (74)	841.5 (26965)	13.72	13.97	13.83	13.71
		831.5 (26865)	13.80	14.05	13.87	13.78
		822.5 (26775)	13.73	13.91	13.91	13.65
	1RB-Middle (37)	841.5 (26965)	13.88	14.05	13.84	13.78
		831.5 (26865)	13.86	14.15	14.02	13.88
		822.5 (26775)	13.73	14.21	13.91	13.94
	1RB-Low (0)	841.5 (26965)	13.89	14.16	14.15	13.89
		831.5 (26865)	13.79	14.24	13.97	13.97
		822.5 (26775)	13.85	14.23	13.83	13.96
	36RB-High (38)	841.5 (26965)	13.86	13.86	13.95	13.60
		831.5 (26865)	13.88	14.02	13.87	13.75
		822.5 (26775)	13.91	13.97	13.97	13.71
	36RB-Middle (19)	841.5 (26965)	13.83	13.89	13.84	13.63
		831.5 (26865)	13.84	13.93	13.88	13.67
		822.5 (26775)	13.98	14.01	13.95	13.74
	36RB-Low (0)	841.5 (26965)	13.90	13.96	13.92	13.70
		831.5 (26865)	13.87	13.97	13.87	13.71
		822.5 (26775)	13.90	13.87	14.00	13.61
	75RB (0)	841.5 (26965)	13.97	13.91	13.92	13.65
		831.5 (26865)	13.84	13.91	13.91	13.65
		822.5 (26775)	13.96	13.94	13.94	13.68

LTE Band38(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	18.57	18.67	18.51	18.07
		2595 (38000)	18.58	18.51	18.55	18.11
		2572.5 (37775)	18.38	18.59	18.29	17.86
	1RB-Middle (12)	2617.5 (38225)	18.73	18.78	18.58	18.14
		2595 (38000)	18.72	18.85	18.64	18.20
		2572.5 (37775)	18.58	18.59	18.40	17.97
	1RB-Low (0)	2617.5 (38225)	18.60	18.68	18.54	18.10
		2595 (38000)	18.67	18.56	18.53	18.09
		2572.5 (37775)	18.41	18.41	18.27	17.84
	12RB-High (13)	2617.5 (38225)	18.64	18.64	18.66	18.22
		2595 (38000)	18.65	18.59	18.62	18.18
		2572.5 (37775)	18.49	18.47	18.54	18.10
	12RB-Middle (6)	2617.5 (38225)	18.67	18.72	18.77	18.33
		2595 (38000)	18.63	18.69	18.56	18.12
		2572.5 (37775)	18.53	18.59	18.51	18.07
	12RB-Low (0)	2617.5 (38225)	18.67	18.69	18.58	18.14
		2595 (38000)	18.63	18.58	18.64	18.20
		2572.5 (37775)	18.51	18.50	18.51	18.07
	25RB (0)	2617.5 (38225)	18.69	18.65	18.72	18.28
		2595 (38000)	18.55	18.63	18.46	18.02
		2572.5 (37775)	18.53	18.48	18.56	18.12
10MHz	1RB-High (49)	2615 (38200)	18.61	18.80	18.63	18.19
		2595 (38000)	18.63	18.62	18.49	18.05
		2575 (37800)	18.46	18.48	18.44	18.01
	1RB-Middle (24)	2615 (38200)	18.70	18.75	18.67	18.23
		2595 (38000)	18.71	18.67	18.67	18.23
		2575 (37800)	18.51	18.55	18.59	18.15
	1RB-Low (0)	2615 (38200)	18.67	18.75	18.80	18.36
		2595 (38000)	18.65	18.84	18.58	18.14
		2575 (37800)	18.49	18.56	18.44	18.01
	25RB-High (25)	2615 (38200)	18.73	18.70	18.68	18.24
		2595 (38000)	18.76	18.68	18.66	18.22
		2575 (37800)	18.56	18.51	18.50	18.06
	25RB-Middle (12)	2615 (38200)	18.71	18.68	18.70	18.26
		2595 (38000)	18.67	18.62	18.66	18.22
		2575 (37800)	18.58	18.55	18.55	18.11
	25RB-Low (0)	2615 (38200)	18.67	18.62	18.71	18.27
		2595 (38000)	18.67	18.60	18.63	18.19
		2575 (37800)	18.58	18.55	18.56	18.12
	50RB (0)	2615 (38200)	18.66	18.60	18.63	18.19
		2595 (38000)	18.56	18.64	18.65	18.21
		2575 (37800)	18.58	18.51	18.50	18.06

15MHz	1RB-High (74)	2612.5 (38175)	18.54	18.42	18.41	17.98
		2595 (38000)	18.50	18.47	18.42	17.99
		2577.5 (37825)	18.41	18.44	18.23	17.80
	1RB-Middle (37)	2612.5 (38175)	18.74	18.80	18.43	18.00
		2595 (38000)	18.59	18.71	18.45	18.01
		2577.5 (37825)	18.39	18.76	18.43	18.00
	1RB-Low (0)	2612.5 (38175)	18.54	18.69	18.58	18.14
		2595 (38000)	18.57	18.55	18.52	18.08
		2577.5 (37825)	18.39	18.41	18.47	18.03
	36RB-High (38)	2612.5 (38175)	18.66	18.71	18.61	18.17
		2595 (38000)	18.64	18.64	18.62	18.18
		2577.5 (37825)	18.52	18.49	18.48	18.04
	36RB-Middle (19)	2612.5 (38175)	18.60	18.62	18.59	18.15
		2595 (38000)	18.62	18.57	18.57	18.13
		2577.5 (37825)	18.54	18.51	18.48	18.04
	36RB-Low (0)	2612.5 (38175)	18.66	18.62	18.60	18.16
		2595 (38000)	18.62	18.56	18.57	18.13
		2577.5 (37825)	18.47	18.45	18.43	18.00
	75RB (0)	2612.5 (38175)	18.62	18.54	18.51	18.07
		2595 (38000)	18.58	18.46	18.53	18.09
		2577.5 (37825)	18.53	18.49	18.50	18.06
20MHz	1RB-High (99)	2610 (38150)	18.60	18.76	18.52	18.08
		2595 (38000)	18.63	18.57	18.48	18.04
		2580 (37850)	18.65	18.48	18.62	18.18
	1RB-Middle (50)	2610 (38150)	18.62	18.64	18.91	18.46
		2595 (38000)	18.71	18.86	18.63	18.19
		2580 (37850)	18.59	18.49	18.50	18.06
	1RB-Low (0)	2610 (38150)	18.83	18.78	18.52	18.08
		2595 (38000)	18.80	18.72	18.66	18.22
		2580 (37850)	18.62	18.53	18.48	18.04
	50RB-High (50)	2610 (38150)	18.83	18.77	18.70	18.26
		2595 (38000)	18.79	18.73	18.69	18.25
		2580 (37850)	18.69	18.64	18.68	18.24
	50RB-Middle (25)	2610 (38150)	18.87	18.82	18.74	18.30
		2595 (38000)	18.72	18.70	18.62	18.18
		2580 (37850)	18.73	18.66	18.59	18.15
	50RB-Low (0)	2610 (38150)	18.77	18.74	18.71	18.27
		2595 (38000)	18.78	18.69	18.66	18.22
		2580 (37850)	18.66	18.57	18.52	18.08
	100RB (0)	2610 (38150)	18.93	18.83	18.70	18.26
		2595 (38000)	18.70	18.62	18.57	18.13
		2580 (37850)	18.69	18.61	18.60	18.16

LTE Band38(ANT4 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	22.89	23.08	22.85	19.40
		2595 (38000)	22.86	22.74	22.82	19.44
		2572.5 (37775)	22.79	22.75	22.68	19.17
	1RB-Middle (12)	2617.5 (38225)	22.94	22.95	22.68	19.47
		2595 (38000)	22.93	22.92	22.78	19.54
		2572.5 (37775)	22.75	23.02	22.84	19.29
	1RB-Low (0)	2617.5 (38225)	22.98	22.91	22.86	19.43
		2595 (38000)	22.83	22.75	22.70	19.42
		2572.5 (37775)	22.67	22.80	22.53	19.15
	12RB-High (13)	2617.5 (38225)	22.94	22.70	21.83	19.56
		2595 (38000)	22.93	22.93	21.72	19.52
		2572.5 (37775)	22.78	22.69	21.70	19.43
	12RB-Middle (6)	2617.5 (38225)	23.00	22.83	21.81	19.68
		2595 (38000)	22.89	22.69	21.69	19.45
		2572.5 (37775)	22.86	22.75	21.75	19.40
	12RB-Low (0)	2617.5 (38225)	22.95	22.79	21.79	19.47
		2595 (38000)	22.88	22.77	21.56	19.54
		2572.5 (37775)	22.79	22.74	21.68	19.40
	25RB (0)	2617.5 (38225)	22.92	22.64	21.71	19.62
		2595 (38000)	22.86	22.69	21.72	19.35
		2572.5 (37775)	22.80	22.72	21.68	19.45
10MHz	1RB-High (49)	2615 (38200)	22.91	22.82	22.55	19.53
		2595 (38000)	22.86	22.99	22.70	19.38
		2575 (37800)	22.73	22.84	22.73	19.33
	1RB-Middle (24)	2615 (38200)	22.94	22.81	22.86	19.57
		2595 (38000)	22.97	22.96	22.82	19.57
		2575 (37800)	22.71	22.72	22.78	19.48
	1RB-Low (0)	2615 (38200)	22.94	23.07	22.75	19.71
		2595 (38000)	22.92	22.82	22.84	19.47
		2575 (37800)	22.73	22.68	22.63	19.33
	25RB-High (25)	2615 (38200)	22.99	22.83	21.76	19.58
		2595 (38000)	22.96	22.86	21.76	19.56
		2575 (37800)	22.81	22.68	21.69	19.39
	25RB-Middle (12)	2615 (38200)	22.93	22.70	21.71	19.60
		2595 (38000)	22.92	22.73	21.72	19.56
		2575 (37800)	22.83	22.74	21.72	19.44
	25RB-Low (0)	2615 (38200)	22.89	22.74	21.71	19.61
		2595 (38000)	22.88	22.72	21.74	19.53
		2575 (37800)	22.82	22.75	21.76	19.45
	50RB (0)	2615 (38200)	22.90	22.70	21.64	19.53
		2595 (38000)	22.92	22.71	21.65	19.55
		2575 (37800)	22.83	22.73	21.71	19.39

15MHz	1RB-High (74)	2612.5 (38175)	22.71	22.60	22.58	19.30
		2595 (38000)	22.63	22.75	22.52	19.31
		2577.5 (37825)	22.58	22.57	22.51	19.11
	1RB-Middle (37)	2612.5 (38175)	22.75	22.88	22.65	19.32
		2595 (38000)	22.75	22.89	22.65	19.33
		2577.5 (37825)	22.71	22.94	22.53	19.32
	1RB-Low (0)	2612.5 (38175)	22.78	22.74	22.77	19.47
		2595 (38000)	22.82	22.79	22.84	19.41
		2577.5 (37825)	22.64	22.74	22.53	19.36
	36RB-High (38)	2612.5 (38175)	22.88	22.68	21.68	19.51
		2595 (38000)	22.86	22.71	21.62	19.52
		2577.5 (37825)	22.70	22.58	21.51	19.37
	36RB-Middle (19)	2612.5 (38175)	22.79	22.65	21.62	19.48
		2595 (38000)	22.77	22.58	21.56	19.46
		2577.5 (37825)	22.75	22.56	21.56	19.37
	36RB-Low (0)	2612.5 (38175)	22.78	22.64	21.67	19.50
		2595 (38000)	22.80	22.58	21.58	19.46
		2577.5 (37825)	22.65	22.62	21.62	19.32
	75RB (0)	2612.5 (38175)	22.77	22.60	21.63	19.40
		2595 (38000)	22.79	22.56	21.53	19.42
		2577.5 (37825)	22.74	22.60	21.57	19.39
20MHz	1RB-High (99)	2610 (38150)	22.71	22.63	22.61	19.41
		2595 (38000)	22.68	22.70	22.81	19.37
		2580 (37850)	22.67	22.62	22.52	19.52
	1RB-Middle (50)	2610 (38150)	22.77	22.97	22.90	19.82
		2595 (38000)	22.82	22.64	22.67	19.53
		2580 (37850)	22.70	22.68	22.58	19.39
	1RB-Low (0)	2610 (38150)	22.83	22.73	22.63	19.41
		2595 (38000)	22.82	22.81	22.85	19.56
		2580 (37850)	22.63	22.75	22.52	19.37
	50RB-High (50)	2610 (38150)	22.88	22.69	21.66	19.60
		2595 (38000)	22.84	22.63	21.66	19.59
		2580 (37850)	22.80	22.57	21.60	19.58
	50RB-Middle (25)	2610 (38150)	22.87	22.66	21.64	19.65
		2595 (38000)	22.84	22.62	21.59	19.52
		2580 (37850)	22.78	22.67	21.64	19.48
	50RB-Low (0)	2610 (38150)	22.81	22.68	21.68	19.61
		2595 (38000)	22.85	22.65	21.60	19.56
		2580 (37850)	22.75	22.52	21.53	19.41
	100RB (0)	2610 (38150)	22.88	22.58	21.64	19.60
		2595 (38000)	22.82	22.54	21.57	19.46
		2580 (37850)	22.76	22.58	21.59	19.50

LTE Band38(ANT4 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	13.68	13.77	13.62	13.49
		2595 (38000)	13.60	13.78	13.49	13.36
		2572.5 (37775)	13.52	13.55	13.47	13.34
	1RB-Middle (12)	2617.5 (38225)	13.75	13.78	13.78	13.65
		2595 (38000)	13.76	13.83	13.77	13.64
		2572.5 (37775)	13.54	13.60	13.44	13.31
	1RB-Low (0)	2617.5 (38225)	13.78	13.73	13.77	13.64
		2595 (38000)	13.60	13.67	13.44	13.31
		2572.5 (37775)	13.48	13.51	13.41	13.28
	12RB-High (13)	2617.5 (38225)	13.76	13.71	13.76	13.63
		2595 (38000)	13.68	13.71	13.76	13.63
		2572.5 (37775)	13.50	13.56	13.59	13.46
	12RB-Middle (6)	2617.5 (38225)	13.75	13.92	13.88	13.74
		2595 (38000)	13.66	13.54	13.68	13.55
		2572.5 (37775)	13.60	13.46	13.62	13.49
	12RB-Low (0)	2617.5 (38225)	13.75	13.83	13.86	13.73
		2595 (38000)	13.61	13.57	13.64	13.51
		2572.5 (37775)	13.55	13.56	13.52	13.39
	25RB (0)	2617.5 (38225)	13.73	13.73	13.81	13.68
		2595 (38000)	13.60	13.68	13.67	13.54
		2572.5 (37775)	13.54	13.52	13.57	13.44
10MHz	1RB-High (49)	2615 (38200)	13.69	13.76	13.70	13.57
		2595 (38000)	13.66	13.80	13.70	13.57
		2575 (37800)	13.54	13.67	13.51	13.38
	1RB-Middle (24)	2615 (38200)	13.78	13.83	13.79	13.66
		2595 (38000)	13.71	13.85	13.79	13.66
		2575 (37800)	13.53	13.64	13.58	13.45
	1RB-Low (0)	2615 (38200)	13.80	13.84	13.77	13.64
		2595 (38000)	13.66	13.75	13.64	13.51
		2575 (37800)	13.53	13.58	13.55	13.42
	25RB-High (25)	2615 (38200)	13.76	13.79	13.79	13.66
		2595 (38000)	13.75	13.76	13.79	13.66
		2575 (37800)	13.56	13.57	13.63	13.50
	25RB-Middle (12)	2615 (38200)	13.71	13.73	13.80	13.67
		2595 (38000)	13.69	13.69	13.75	13.62
		2575 (37800)	13.58	13.58	13.63	13.50
	25RB-Low (0)	2615 (38200)	13.69	13.75	13.75	13.62
		2595 (38000)	13.64	13.68	13.73	13.60
		2575 (37800)	13.54	13.53	13.59	13.46
	50RB (0)	2615 (38200)	13.72	13.70	13.73	13.60
		2595 (38000)	13.68	13.65	13.71	13.59
		2575 (37800)	13.56	13.62	13.63	13.50

15MHz	1RB-High (74)	2612.5 (38175)	13.47	13.43	13.30	13.17
		2595 (38000)	13.52	13.50	13.40	13.27
		2577.5 (37825)	13.30	13.50	13.41	13.28
	1RB-Middle (37)	2612.5 (38175)	13.54	13.44	13.56	13.43
		2595 (38000)	13.54	13.52	13.51	13.38
		2577.5 (37825)	13.36	13.48	13.40	13.27
	1RB-Low (0)	2612.5 (38175)	13.59	13.62	13.55	13.42
		2595 (38000)	13.60	13.53	13.39	13.26
		2577.5 (37825)	13.36	13.39	13.25	13.11
	36RB-High (38)	2612.5 (38175)	13.64	13.64	13.70	13.57
		2595 (38000)	13.61	13.63	13.69	13.56
		2577.5 (37825)	13.50	13.45	13.51	13.38
	36RB-Middle (19)	2612.5 (38175)	13.59	13.52	13.66	13.53
		2595 (38000)	13.54	13.55	13.59	13.46
		2577.5 (37825)	13.45	13.44	13.53	13.40
	36RB-Low (0)	2612.5 (38175)	13.61	13.63	13.67	13.54
		2595 (38000)	13.58	13.57	13.63	13.50
		2577.5 (37825)	13.38	13.38	13.44	13.31
75RB (0)	2612.5 (38175)	13.56	13.56	13.61	13.48	
	2595 (38000)	13.51	13.52	13.58	13.45	
	2577.5 (37825)	13.50	13.50	13.51	13.38	
20MHz	1RB-High (99)	2610 (38150)	13.43	13.43	13.54	13.41
		2595 (38000)	13.38	13.43	13.39	13.22
		2580 (37850)	13.32	13.40	13.21	13.39
	1RB-Middle (50)	2610 (38150)	13.48	13.73	13.67	13.49
		2595 (38000)	13.47	13.49	13.53	13.45
		2580 (37850)	13.40	13.42	13.39	13.29
	1RB-Low (0)	2610 (38150)	13.49	13.56	13.57	13.37
		2595 (38000)	13.49	13.53	13.49	13.34
		2580 (37850)	13.37	13.39	13.43	13.30
	50RB-High (50)	2610 (38150)	13.56	13.54	13.56	13.52
		2595 (38000)	13.57	13.57	13.57	13.51
		2580 (37850)	13.47	13.48	13.50	13.44
	50RB-Middle (25)	2610 (38150)	13.63	13.59	13.59	13.61
		2595 (38000)	13.47	13.52	13.48	13.51
		2580 (37850)	13.52	13.49	13.46	13.44
	50RB-Low (0)	2610 (38150)	13.55	13.52	13.53	13.53
		2595 (38000)	13.52	13.52	13.51	13.53
		2580 (37850)	13.42	13.38	13.41	13.41
100RB (0)	2610 (38150)	13.60	13.65	13.58	13.56	
	2595 (38000)	13.47	13.52	13.46	13.44	
	2580 (37850)	13.50	13.48	13.44	13.44	

LTE Band38(ANT4 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	12.59	12.65	12.47	12.30
		2595 (38000)	12.52	12.66	12.35	12.18
		2572.5 (37775)	12.44	12.45	12.34	12.17
	1RB-Middle (12)	2617.5 (38225)	12.65	12.66	12.62	12.45
		2595 (38000)	12.66	12.71	12.61	12.44
		2572.5 (37775)	12.46	12.50	12.31	12.14
	1RB-Low (0)	2617.5 (38225)	12.68	12.62	12.61	12.44
		2595 (38000)	12.52	12.56	12.31	12.14
		2572.5 (37775)	12.41	12.41	12.28	12.11
	12RB-High (13)	2617.5 (38225)	12.66	12.60	12.60	12.43
		2595 (38000)	12.59	12.60	12.60	12.43
		2572.5 (37775)	12.42	12.46	12.45	12.28
	12RB-Middle (6)	2617.5 (38225)	12.65	12.79	12.71	12.53
		2595 (38000)	12.57	12.44	12.53	12.36
		2572.5 (37775)	12.52	12.37	12.47	12.30
	12RB-Low (0)	2617.5 (38225)	12.65	12.71	12.69	12.52
		2595 (38000)	12.53	12.47	12.49	12.32
		2572.5 (37775)	12.47	12.46	12.38	12.21
	25RB (0)	2617.5 (38225)	12.64	12.62	12.65	12.48
		2595 (38000)	12.52	12.57	12.52	12.35
		2572.5 (37775)	12.46	12.42	12.43	12.26
10MHz	1RB-High (49)	2615 (38200)	12.60	12.64	12.55	12.38
		2595 (38000)	12.57	12.68	12.55	12.38
		2575 (37800)	12.46	12.56	12.37	12.20
	1RB-Middle (24)	2615 (38200)	12.68	12.71	12.63	12.46
		2595 (38000)	12.62	12.73	12.63	12.46
		2575 (37800)	12.45	12.53	12.44	12.27
	1RB-Low (0)	2615 (38200)	12.70	12.72	12.61	12.44
		2595 (38000)	12.57	12.63	12.49	12.32
		2575 (37800)	12.45	12.48	12.41	12.24
	25RB-High (25)	2615 (38200)	12.66	12.67	12.63	12.46
		2595 (38000)	12.65	12.64	12.63	12.46
		2575 (37800)	12.48	12.47	12.48	12.31
	25RB-Middle (12)	2615 (38200)	12.62	12.62	12.64	12.47
		2595 (38000)	12.60	12.58	12.59	12.42
		2575 (37800)	12.50	12.48	12.48	12.31
	25RB-Low (0)	2615 (38200)	12.60	12.63	12.59	12.42
		2595 (38000)	12.55	12.57	12.57	12.40
		2575 (37800)	12.46	12.43	12.45	12.28
	50RB (0)	2615 (38200)	12.63	12.59	12.57	12.40
		2595 (38000)	12.59	12.54	12.56	12.39
		2575 (37800)	12.48	12.51	12.48	12.31

15MHz	1RB-High (74)	2612.5 (38175)	12.40	12.34	12.18	12.01
		2595 (38000)	12.44	12.40	12.27	12.10
		2577.5 (37825)	12.24	12.40	12.28	12.11
	1RB-Middle (37)	2612.5 (38175)	12.46	12.35	12.42	12.25
		2595 (38000)	12.46	12.42	12.37	12.20
		2577.5 (37825)	12.30	12.39	12.27	12.10
	1RB-Low (0)	2612.5 (38175)	12.51	12.51	12.41	12.24
		2595 (38000)	12.52	12.43	12.26	12.09
		2577.5 (37825)	12.30	12.30	12.13	11.96
	36RB-High (38)	2612.5 (38175)	12.55	12.53	12.55	12.38
		2595 (38000)	12.53	12.52	12.54	12.37
		2577.5 (37825)	12.42	12.36	12.37	12.20
	36RB-Middle (19)	2612.5 (38175)	12.51	12.42	12.51	12.34
		2595 (38000)	12.46	12.45	12.45	12.28
		2577.5 (37825)	12.38	12.35	12.39	12.22
	36RB-Low (0)	2612.5 (38175)	12.53	12.52	12.52	12.35
		2595 (38000)	12.50	12.47	12.48	12.31
		2577.5 (37825)	12.31	12.29	12.31	12.14
	75RB (0)	2612.5 (38175)	12.48	12.46	12.46	12.29
		2595 (38000)	12.43	12.42	12.44	12.27
		2577.5 (37825)	12.42	12.40	12.37	12.20
20MHz	1RB-High (99)	2610 (38150)	12.36	12.34	12.40	12.23
		2595 (38000)	12.41	12.43	12.23	12.06
		2580 (37850)	12.28	12.41	12.38	12.21
	1RB-Middle (50)	2610 (38150)	12.41	12.42	12.47	12.30
		2595 (38000)	12.48	12.51	12.44	12.27
		2580 (37850)	12.31	12.63	12.29	12.12
	1RB-Low (0)	2610 (38150)	12.54	12.62	12.36	12.19
		2595 (38000)	12.44	12.44	12.34	12.17
		2580 (37850)	12.33	12.42	12.30	12.13
	50RB-High (50)	2610 (38150)	12.53	12.55	12.50	12.33
		2595 (38000)	12.52	12.48	12.49	12.32
		2580 (37850)	12.45	12.42	12.43	12.26
	50RB-Middle (25)	2610 (38150)	12.58	12.61	12.58	12.41
		2595 (38000)	12.47	12.46	12.49	12.32
		2580 (37850)	12.47	12.48	12.43	12.26
	50RB-Low (0)	2610 (38150)	12.52	12.52	12.51	12.34
		2595 (38000)	12.50	12.45	12.51	12.34
		2580 (37850)	12.38	12.35	12.40	12.23
	100RB (0)	2610 (38150)	12.56	12.57	12.54	12.37
		2595 (38000)	12.48	12.46	12.43	12.26
		2580 (37850)	12.45	12.45	12.43	12.26

LTE Band38(ANT1 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	23.27	23.40	22.22	19.81
		2595 (38000)	23.34	23.32	22.23	19.79
		2572.5 (37775)	23.49	23.45	22.26	19.78
	1RB-Middle (12)	2617.5 (38225)	23.29	23.39	22.30	19.94
		2595 (38000)	23.47	23.45	22.30	19.66
		2572.5 (37775)	23.51	23.44	22.42	20.02
	1RB-Low (0)	2617.5 (38225)	23.30	23.39	22.33	19.73
		2595 (38000)	23.36	23.44	22.26	19.79
		2572.5 (37775)	23.46	23.46	22.34	19.97
	12RB-High (13)	2617.5 (38225)	23.40	22.60	21.63	19.63
		2595 (38000)	23.47	22.70	21.70	19.70
		2572.5 (37775)	23.52	22.81	21.76	19.79
	12RB-Middle (6)	2617.5 (38225)	23.38	22.57	21.64	19.59
		2595 (38000)	23.50	22.69	21.77	19.87
		2572.5 (37775)	23.58	22.79	21.91	19.93
	12RB-Low (0)	2617.5 (38225)	23.39	22.73	21.62	19.73
		2595 (38000)	23.47	22.82	21.72	19.89
		2572.5 (37775)	23.53	22.88	21.77	19.89
	25RB (0)	2617.5 (38225)	23.36	22.57	21.77	19.57
		2595 (38000)	23.45	22.67	21.62	19.82
		2572.5 (37775)	23.56	22.73	21.70	19.90
10MHz	1RB-High (49)	2615 (38200)	23.28	23.28	22.29	19.55
		2595 (38000)	23.37	23.35	22.23	19.59
		2575 (37800)	23.42	23.50	22.44	19.81
	1RB-Middle (24)	2615 (38200)	23.34	23.35	22.21	19.66
		2595 (38000)	23.43	23.59	22.40	19.94
		2575 (37800)	23.53	23.43	22.49	19.94
	1RB-Low (0)	2615 (38200)	23.46	23.41	22.45	19.89
		2595 (38000)	23.54	23.55	22.28	19.87
		2575 (37800)	23.49	23.49	22.36	20.07
	25RB-High (25)	2615 (38200)	23.44	22.62	21.64	19.67
		2595 (38000)	23.53	22.73	21.72	19.78
		2575 (37800)	23.56	22.80	21.80	19.86
	25RB-Middle (12)	2615 (38200)	23.46	22.65	21.65	19.72
		2595 (38000)	23.52	22.70	21.75	19.79
		2575 (37800)	23.59	22.83	21.82	19.85
	25RB-Low (0)	2615 (38200)	23.41	22.64	21.74	19.75
		2595 (38000)	23.52	22.80	21.76	19.81
		2575 (37800)	23.58	22.81	21.82	19.86
	50RB (0)	2615 (38200)	23.41	22.72	21.67	19.77
		2595 (38000)	23.50	22.74	21.68	19.73
		2575 (37800)	23.57	22.80	21.77	19.80

15MHz	1RB-High (74)	2612.5 (38175)	23.09	23.03	21.96	19.49
		2595 (38000)	23.10	23.19	22.17	19.41
		2577.5 (37825)	23.24	23.26	22.19	19.60
	1RB-Middle (37)	2612.5 (38175)	23.17	23.05	22.44	19.64
		2595 (38000)	23.26	23.34	22.14	19.84
		2577.5 (37825)	23.37	23.41	22.18	19.84
	1RB-Low (0)	2612.5 (38175)	23.18	23.25	22.10	19.58
		2595 (38000)	23.32	23.32	22.20	19.64
		2577.5 (37825)	23.44	23.64	22.28	19.74
	36RB-High (38)	2612.5 (38175)	23.27	22.47	21.49	19.60
		2595 (38000)	23.40	22.57	21.55	19.64
		2577.5 (37825)	23.45	22.64	21.63	19.72
	36RB-Middle (19)	2612.5 (38175)	23.30	22.48	21.46	19.63
		2595 (38000)	23.36	22.56	21.60	19.64
		2577.5 (37825)	23.46	22.66	21.61	19.71
	36RB-Low (0)	2612.5 (38175)	23.29	22.50	21.55	19.58
		2595 (38000)	23.30	22.52	21.54	19.52
		2577.5 (37825)	23.46	22.68	21.71	19.75
	75RB (0)	2612.5 (38175)	23.29	22.49	21.57	19.58
		2595 (38000)	23.27	22.49	21.49	19.59
		2577.5 (37825)	23.46	22.63	21.65	19.72
20MHz	1RB-High (99)	2610 (38150)	23.32	23.09	22.02	19.63
		2595 (38000)	23.13	23.10	22.15	19.47
		2580 (37850)	23.28	23.37	22.19	19.52
	1RB-Middle (50)	2610 (38150)	23.24	23.22	22.11	19.55
		2595 (38000)	23.39	23.43	22.23	19.95
		2580 (37850)	23.48	23.30	22.18	19.79
	1RB-Low (0)	2610 (38150)	23.31	23.30	22.17	19.47
		2595 (38000)	23.48	23.29	22.24	19.72
		2580 (37850)	23.50	23.19	22.13	19.67
	50RB-High (50)	2610 (38150)	23.32	22.51	21.45	19.55
		2595 (38000)	23.36	22.54	21.57	19.65
		2580 (37850)	23.44	22.65	21.66	19.70
	50RB-Middle (25)	2610 (38150)	23.30	22.52	21.50	19.62
		2595 (38000)	23.37	22.55	21.59	19.65
		2580 (37850)	23.48	22.66	21.62	19.77
	50RB-Low (0)	2610 (38150)	23.34	22.56	21.54	19.65
		2595 (38000)	23.34	22.54	21.54	19.62
		2580 (37850)	23.48	22.72	21.66	19.78
	100RB (0)	2610 (38150)	23.31	22.53	21.51	19.66
		2595 (38000)	23.28	22.49	21.49	19.52
		2580 (37850)	23.46	22.61	21.67	19.75

LTE Band38(ANT1 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	2617.5 (38225)	23.01	22.98	22.28	19.73	
		2595 (38000)	23.02	23.26	22.45	19.71	
		2572.5 (37775)	23.12	23.20	22.41	19.70	
	1RB-Middle (12)	2617.5 (38225)	23.04	23.11	22.36	19.86	
		2595 (38000)	23.15	23.25	22.62	19.58	
		2572.5 (37775)	23.20	23.45	22.53	19.94	
	1RB-Low (0)	2617.5 (38225)	23.06	23.16	22.36	19.65	
		2595 (38000)	23.15	23.09	22.39	19.71	
		2572.5 (37775)	23.10	23.20	22.54	19.89	
	12RB-High (13)	2617.5 (38225)	23.01	22.62	21.56	19.55	
		2595 (38000)	23.14	22.56	21.60	19.62	
		2572.5 (37775)	23.23	22.72	21.80	19.71	
	12RB-Middle (6)	2617.5 (38225)	23.07	22.63	21.61	19.51	
		2595 (38000)	23.15	22.73	21.64	19.79	
		2572.5 (37775)	23.23	22.71	21.80	19.85	
	12RB-Low (0)	2617.5 (38225)	23.03	22.55	21.58	19.65	
		2595 (38000)	23.16	22.68	21.62	19.81	
		2572.5 (37775)	23.20	22.72	21.67	19.81	
	25RB (0)	2617.5 (38225)	23.05	22.55	21.52	19.49	
		2595 (38000)	23.09	22.62	21.61	19.74	
		2572.5 (37775)	23.25	22.73	21.68	19.82	
	10MHz	1RB-High (49)	2615 (38200)	22.98	23.04	22.39	19.47
			2595 (38000)	23.01	23.09	22.49	19.51
			2575 (37800)	23.06	23.27	22.58	19.73
1RB-Middle (24)		2615 (38200)	23.07	22.98	22.37	19.58	
		2595 (38000)	23.11	23.24	22.34	19.86	
		2575 (37800)	23.17	23.38	22.62	19.86	
1RB-Low (0)		2615 (38200)	23.06	23.14	22.45	19.81	
		2595 (38000)	23.16	23.24	22.60	19.79	
		2575 (37800)	23.15	23.29	22.44	19.98	
25RB-High (25)		2615 (38200)	23.05	22.55	21.53	19.59	
		2595 (38000)	23.14	22.63	21.59	19.70	
		2575 (37800)	23.21	22.65	21.72	19.78	
25RB-Middle (12)		2615 (38200)	23.09	22.60	21.65	19.64	
		2595 (38000)	23.19	22.62	21.65	19.71	
		2575 (37800)	23.28	22.76	21.69	19.77	
25RB-Low (0)		2615 (38200)	23.08	22.57	21.58	19.67	
		2595 (38000)	23.16	22.66	21.66	19.73	
		2575 (37800)	23.23	22.69	21.74	19.78	
50RB (0)		2615 (38200)	23.10	22.64	21.57	19.69	
		2595 (38000)	23.14	22.64	21.65	19.65	
		2575 (37800)	23.25	22.67	21.71	19.72	

15MHz	1RB-High (74)	2612.5 (38175)	22.75	22.87	22.57	19.41
		2595 (38000)	22.98	23.02	22.91	19.33
		2577.5 (37825)	22.92	22.93	22.97	19.53
	1RB-Middle (37)	2612.5 (38175)	22.89	22.99	22.93	19.56
		2595 (38000)	22.90	23.23	22.98	19.75
		2577.5 (37825)	22.96	22.97	23.00	19.75
	1RB-Low (0)	2612.5 (38175)	22.89	22.95	22.98	19.50
		2595 (38000)	22.95	22.89	22.88	19.56
		2577.5 (37825)	23.00	23.20	22.96	19.66
	36RB-High (38)	2612.5 (38175)	22.94	22.45	21.46	19.53
		2595 (38000)	22.99	22.49	21.52	19.56
		2577.5 (37825)	23.11	22.62	21.58	19.64
	36RB-Middle (19)	2612.5 (38175)	23.00	22.49	21.45	19.55
		2595 (38000)	23.03	22.53	21.51	19.56
		2577.5 (37825)	23.08	22.58	21.61	19.63
	36RB-Low (0)	2612.5 (38175)	23.00	22.55	21.50	19.50
		2595 (38000)	23.02	22.47	21.50	19.44
		2577.5 (37825)	23.14	22.63	21.63	19.67
75RB (0)	2612.5 (38175)	22.93	22.40	21.38	19.50	
	2595 (38000)	22.94	22.44	21.43	19.51	
	2577.5 (37825)	23.11	22.63	21.63	19.64	
20MHz	1RB-High (99)	2610 (38150)	22.74	22.79	22.12	19.55
		2595 (38000)	22.99	22.87	22.13	19.39
		2580 (37850)	22.87	23.03	22.37	19.44
	1RB-Middle (50)	2610 (38150)	22.92	23.44	22.69	19.47
		2595 (38000)	22.91	23.03	22.50	19.87
		2580 (37850)	23.02	23.17	22.50	19.71
	1RB-Low (0)	2610 (38150)	22.93	22.96	22.40	19.39
		2595 (38000)	23.04	23.23	22.40	19.64
		2580 (37850)	23.14	23.30	22.31	19.59
	50RB-High (50)	2610 (38150)	22.94	22.46	21.42	19.47
		2595 (38000)	23.04	22.48	21.50	19.57
		2580 (37850)	23.11	22.63	21.60	19.62
	50RB-Middle (25)	2610 (38150)	22.99	22.51	21.45	19.54
		2595 (38000)	23.06	22.56	21.58	19.57
		2580 (37850)	23.14	22.66	21.61	19.69
	50RB-Low (0)	2610 (38150)	23.03	22.50	21.51	19.57
		2595 (38000)	23.03	22.50	21.47	19.54
		2580 (37850)	23.15	22.65	21.69	19.70
100RB (0)	2610 (38150)	22.99	22.49	21.47	19.58	
	2595 (38000)	22.96	22.45	21.46	19.44	
	2580 (37850)	23.10	22.62	21.63	19.67	

LTE Band38(ANT1 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	16.93	17.17	16.94	16.95
		2595 (38000)	16.95	17.15	16.97	16.93
		2572.5 (37775)	17.08	17.14	17.14	16.92
	1RB-Middle (12)	2617.5 (38225)	17.03	17.28	17.19	17.06
		2595 (38000)	17.08	17.04	17.00	16.82
		2572.5 (37775)	17.14	17.35	17.18	17.13
	1RB-Low (0)	2617.5 (38225)	17.01	17.10	17.02	16.88
		2595 (38000)	17.03	17.15	17.08	16.93
		2572.5 (37775)	17.07	17.31	16.96	17.09
	12RB-High (13)	2617.5 (38225)	17.03	17.01	17.06	16.79
		2595 (38000)	17.10	17.07	17.15	16.85
		2572.5 (37775)	17.16	17.15	17.20	16.93
	12RB-Middle (6)	2617.5 (38225)	17.05	16.98	17.01	16.76
		2595 (38000)	17.10	17.22	17.16	17.00
		2572.5 (37775)	17.21	17.27	17.26	17.05
	12RB-Low (0)	2617.5 (38225)	17.06	17.10	17.04	16.88
		2595 (38000)	17.08	17.24	17.17	17.02
		2572.5 (37775)	17.15	17.24	17.26	17.02
	25RB (0)	2617.5 (38225)	17.02	16.96	17.04	16.74
		2595 (38000)	17.09	17.18	17.07	16.96
		2572.5 (37775)	17.15	17.25	17.18	17.03
10MHz	1RB-High (49)	2615 (38200)	16.98	16.94	16.90	16.72
		2595 (38000)	17.05	16.98	17.23	16.76
		2575 (37800)	17.10	17.17	17.07	16.95
	1RB-Middle (24)	2615 (38200)	16.99	17.04	17.02	16.82
		2595 (38000)	17.06	17.28	17.15	17.06
		2575 (37800)	17.17	17.28	17.15	17.06
	1RB-Low (0)	2615 (38200)	17.03	17.24	17.12	17.02
		2595 (38000)	17.17	17.22	17.14	17.00
		2575 (37800)	17.24	17.39	17.14	17.17
	25RB-High (25)	2615 (38200)	17.02	17.05	16.99	16.83
		2595 (38000)	17.09	17.14	17.17	16.92
		2575 (37800)	17.20	17.21	17.20	16.99
	25RB-Middle (12)	2615 (38200)	17.04	17.09	17.06	16.87
		2595 (38000)	17.10	17.15	17.13	16.93
		2575 (37800)	17.24	17.20	17.27	16.98
	25RB-Low (0)	2615 (38200)	17.08	17.12	17.07	16.90
		2595 (38000)	17.15	17.17	17.11	16.95
		2575 (37800)	17.21	17.21	17.19	16.99
	50RB (0)	2615 (38200)	17.05	17.13	17.03	16.91
		2595 (38000)	17.16	17.10	17.11	16.88
		2575 (37800)	17.21	17.16	17.18	16.94

15MHz	1RB-High (74)	2612.5 (38175)	16.73	16.89	16.68	16.67
		2595 (38000)	17.01	16.82	16.67	16.60
		2577.5 (37825)	16.78	16.99	16.77	16.77
	1RB-Middle (37)	2612.5 (38175)	16.81	17.02	16.72	16.80
		2595 (38000)	16.94	17.19	17.19	16.97
		2577.5 (37825)	16.92	17.19	16.94	16.97
	1RB-Low (0)	2612.5 (38175)	17.08	16.97	16.92	16.75
		2595 (38000)	16.96	17.02	16.96	16.80
		2577.5 (37825)	17.01	17.11	17.05	16.89
	36RB-High (38)	2612.5 (38175)	16.90	16.99	16.93	16.77
		2595 (38000)	16.97	17.02	17.00	16.80
		2577.5 (37825)	17.09	17.09	17.08	16.87
	36RB-Middle (19)	2612.5 (38175)	16.97	17.01	16.96	16.79
		2595 (38000)	16.97	17.02	17.09	16.80
		2577.5 (37825)	17.07	17.08	17.13	16.86
	36RB-Low (0)	2612.5 (38175)	16.99	16.97	17.02	16.75
		2595 (38000)	16.94	16.92	16.99	16.70
		2577.5 (37825)	17.14	17.12	17.12	16.90
	75RB (0)	2612.5 (38175)	16.94	16.97	16.98	16.75
		2595 (38000)	16.93	16.98	16.98	16.76
		2577.5 (37825)	17.05	17.09	17.08	16.87
20MHz	1RB-High (99)	2610 (38150)	16.73	17.01	16.72	16.79
		2595 (38000)	16.90	16.87	16.78	16.65
		2580 (37850)	16.89	16.92	17.02	16.70
	1RB-Middle (50)	2610 (38150)	16.87	16.94	17.16	16.72
		2595 (38000)	16.96	17.29	16.95	17.07
		2580 (37850)	16.94	17.15	17.16	16.93
	1RB-Low (0)	2610 (38150)	17.06	16.87	16.99	16.65
		2595 (38000)	17.05	17.09	16.94	16.87
		2580 (37850)	17.08	17.05	17.15	16.83
	50RB-High (50)	2610 (38150)	16.95	16.94	16.91	16.72
		2595 (38000)	16.96	17.03	16.98	16.81
		2580 (37850)	17.11	17.07	17.07	16.85
	50RB-Middle (25)	2610 (38150)	16.97	17.00	16.94	16.78
		2595 (38000)	17.08	17.03	17.03	16.81
		2580 (37850)	17.11	17.13	17.13	16.91
	50RB-Low (0)	2610 (38150)	16.99	17.03	17.06	16.81
		2595 (38000)	16.96	17.00	16.96	16.78
		2580 (37850)	17.11	17.14	17.14	16.92
	100RB (0)	2610 (38150)	16.94	17.04	16.90	16.82
		2595 (38000)	16.94	16.92	17.00	16.70
		2580 (37850)	17.09	17.12	17.09	16.90

LTE Band38(ANT2 DSI 1_3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	64QAM
5MHz	1RB-High (24)	2617.5 (38225)	22.55	21.89	20.78	17.42
		2595 (38000)	22.50	21.90	20.79	17.40
		2572.5 (37775)	22.40	21.79	20.66	17.39
	1RB-Middle (12)	2617.5 (38225)	22.56	22.00	20.70	17.53
		2595 (38000)	22.50	22.09	21.00	17.29
		2572.5 (37775)	22.43	21.90	20.61	17.60
	1RB-Low (0)	2617.5 (38225)	22.53	21.85	20.78	17.35
		2595 (38000)	22.55	21.99	20.71	17.40
		2572.5 (37775)	22.42	21.79	20.55	17.56
	12RB-High (13)	2617.5 (38225)	21.61	20.64	19.73	17.26
		2595 (38000)	21.63	20.73	19.75	17.32
		2572.5 (37775)	21.53	20.54	19.65	17.40
	12RB-Middle (6)	2617.5 (38225)	21.62	20.78	19.85	17.23
		2595 (38000)	21.61	20.62	19.66	17.47
		2572.5 (37775)	21.52	20.62	19.68	17.53
	12RB-Low (0)	2617.5 (38225)	21.63	20.62	19.78	17.35
		2595 (38000)	21.55	20.69	19.63	17.49
		2572.5 (37775)	21.47	20.49	19.61	17.49
	25RB (0)	2617.5 (38225)	21.61	20.53	19.65	17.21
		2595 (38000)	21.54	20.56	19.58	17.43
		2572.5 (37775)	21.50	20.57	19.59	17.50
10MHz	1RB-High (49)	2615 (38200)	22.52	21.88	20.79	17.19
		2595 (38000)	22.56	21.89	20.80	17.23
		2575 (37800)	22.41	21.86	20.61	17.42
	1RB-Middle (24)	2615 (38200)	22.54	21.86	20.75	17.29
		2595 (38000)	22.50	22.08	20.80	17.53
		2575 (37800)	22.48	21.97	20.72	17.53
	1RB-Low (0)	2615 (38200)	22.57	22.06	20.80	17.49
		2595 (38000)	22.54	21.91	20.80	17.47
		2575 (37800)	22.41	21.91	20.71	17.65
	25RB-High (25)	2615 (38200)	21.58	20.67	19.70	17.30
		2595 (38000)	21.67	20.68	19.72	17.39
		2575 (37800)	21.56	20.54	19.62	17.46
	25RB-Middle (12)	2615 (38200)	21.57	20.66	19.65	17.34
		2595 (38000)	21.61	20.68	19.66	17.40
		2575 (37800)	21.55	20.61	19.64	17.46
	25RB-Low (0)	2615 (38200)	21.56	20.61	19.67	17.37
		2595 (38000)	21.58	20.62	19.65	17.42
		2575 (37800)	21.53	20.58	19.63	17.46
	50RB (0)	2615 (38200)	21.58	20.60	19.70	17.38
		2595 (38000)	21.55	20.57	19.59	17.35
		2575 (37800)	21.54	20.56	19.56	17.41

15MHz	1RB-High (74)	2612.5 (38175)	22.35	21.69	20.53	17.14
		2595 (38000)	22.29	21.79	20.57	17.07
		2577.5 (37825)	22.28	21.66	20.54	17.24
	1RB-Middle (37)	2612.5 (38175)	22.37	21.75	20.66	17.27
		2595 (38000)	22.45	21.80	20.75	17.45
		2577.5 (37825)	22.24	21.83	20.71	17.45
	1RB-Low (0)	2612.5 (38175)	22.39	21.89	20.73	17.22
		2595 (38000)	22.37	21.99	20.62	17.27
		2577.5 (37825)	22.17	21.73	20.61	17.36
	36RB-High (38)	2612.5 (38175)	21.44	20.46	19.51	17.24
		2595 (38000)	21.55	20.54	19.54	17.27
		2577.5 (37825)	21.43	20.47	19.49	17.34
	36RB-Middle (19)	2612.5 (38175)	21.43	20.41	19.51	17.26
		2595 (38000)	21.43	20.46	19.54	17.27
		2577.5 (37825)	21.44	20.48	19.48	17.33
	36RB-Low (0)	2612.5 (38175)	21.45	20.51	19.49	17.22
		2595 (38000)	21.47	20.48	19.54	17.16
		2577.5 (37825)	21.35	20.34	19.45	17.37
	75RB (0)	2612.5 (38175)	21.40	20.44	19.52	17.22
		2595 (38000)	21.44	20.46	19.47	17.23
		2577.5 (37825)	21.40	20.39	19.46	17.34
20MHz	1RB-High (99)	2610 (38150)	22.20	21.78	20.48	17.26
		2595 (38000)	22.29	21.56	20.58	17.12
		2580 (37850)	22.22	21.69	20.51	17.16
	1RB-Middle (50)	2610 (38150)	22.43	22.25	20.67	17.19
		2595 (38000)	22.40	21.74	20.76	17.54
		2580 (37850)	22.27	22.01	20.73	17.40
	1RB-Low (0)	2610 (38150)	22.45	21.77	20.76	17.12
		2595 (38000)	22.43	21.69	20.70	17.34
		2580 (37850)	22.34	21.83	20.44	17.30
	50RB-High (50)	2610 (38150)	21.57	20.51	19.48	17.19
		2595 (38000)	21.48	20.51	19.52	17.28
		2580 (37850)	21.45	20.54	19.46	17.32
	50RB-Middle (25)	2610 (38150)	21.47	20.53	19.47	17.25
		2595 (38000)	21.44	20.46	19.48	17.28
		2580 (37850)	21.46	20.46	19.47	17.38
	50RB-Low (0)	2610 (38150)	21.47	20.53	19.53	17.28
		2595 (38000)	21.47	20.48	19.48	17.25
		2580 (37850)	21.40	20.39	19.38	17.39
	100RB (0)	2610 (38150)	21.43	20.43	19.45	17.29
		2595 (38000)	21.45	20.45	19.42	17.16
		2580 (37850)	21.47	20.40	19.54	17.37

LTE Band38(ANT2 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
5MHz	1RB-High (24)	2617.5 (38225)	16.31	16.40	16.30	16.33	
		2595 (38000)	16.25	16.48	16.28	16.31	
		2572.5 (37775)	16.14	16.38	16.26	16.29	
	1RB-Middle (12)	2617.5 (38225)	16.30	16.63	16.40	16.43	
		2595 (38000)	16.33	16.52	16.17	16.20	
		2572.5 (37775)	16.27	16.43	16.47	16.50	
	1RB-Low (0)	2617.5 (38225)	16.36	16.40	16.23	16.26	
		2595 (38000)	16.19	16.43	16.28	16.31	
		2572.5 (37775)	16.16	16.36	16.43	16.46	
	12RB-High (13)	2617.5 (38225)	16.32	16.39	16.14	16.17	
		2595 (38000)	16.32	16.60	16.20	16.23	
		2572.5 (37775)	16.17	16.37	16.28	16.31	
	12RB-Middle (6)	2617.5 (38225)	16.34	16.57	16.12	16.15	
		2595 (38000)	16.29	16.37	16.35	16.38	
		2572.5 (37775)	16.20	16.34	16.39	16.42	
	12RB-Low (0)	2617.5 (38225)	16.32	16.51	16.23	16.26	
		2595 (38000)	16.23	16.50	16.36	16.39	
		2572.5 (37775)	16.21	16.37	16.36	16.39	
	25RB (0)	2617.5 (38225)	16.34	16.48	16.10	16.12	
		2595 (38000)	16.23	16.46	16.31	16.34	
		2572.5 (37775)	16.18	16.36	16.37	16.40	
	10MHz	1RB-High (49)	2615 (38200)	16.21	16.38	16.07	16.10
			2595 (38000)	16.24	16.53	16.12	16.15
			2575 (37800)	16.15	16.38	16.30	16.33
1RB-Middle (24)		2615 (38200)	16.29	16.45	16.17	16.20	
		2595 (38000)	16.34	16.62	16.40	16.43	
		2575 (37800)	16.25	16.46	16.40	16.43	
1RB-Low (0)		2615 (38200)	16.28	16.59	16.36	16.39	
		2595 (38000)	16.33	16.57	16.35	16.38	
		2575 (37800)	16.24	16.40	16.51	16.54	
25RB-High (25)		2615 (38200)	16.31	16.47	16.18	16.21	
		2595 (38000)	16.36	16.49	16.26	16.29	
		2575 (37800)	16.23	16.37	16.34	16.37	
25RB-Middle (12)		2615 (38200)	16.28	16.44	16.22	16.25	
		2595 (38000)	16.31	16.42	16.28	16.31	
		2575 (37800)	16.22	16.42	16.33	16.36	
25RB-Low (0)		2615 (38200)	16.25	16.36	16.24	16.27	
		2595 (38000)	16.27	16.46	16.30	16.33	
		2575 (37800)	16.27	16.42	16.34	16.37	
50RB (0)		2615 (38200)	16.24	16.44	16.25	16.28	
		2595 (38000)	16.27	16.39	16.23	16.26	
		2575 (37800)	16.27	16.40	16.29	16.32	

15MHz	1RB-High (74)	2612.5 (38175)	16.02	16.17	16.03	16.06
		2595 (38000)	16.05	16.18	15.96	15.99
		2577.5 (37825)	15.97	16.22	16.13	16.16
	1RB-Middle (37)	2612.5 (38175)	16.14	16.34	16.15	16.18
		2595 (38000)	16.12	16.39	16.32	16.35
		2577.5 (37825)	16.03	16.12	16.32	16.35
	1RB-Low (0)	2612.5 (38175)	16.12	16.43	16.11	16.14
		2595 (38000)	16.07	16.23	16.15	16.18
		2577.5 (37825)	16.03	16.17	16.24	16.27
	36RB-High (38)	2612.5 (38175)	16.19	16.32	16.13	16.16
		2595 (38000)	16.19	16.34	16.15	16.18
		2577.5 (37825)	16.11	16.24	16.22	16.25
	36RB-Middle (19)	2612.5 (38175)	16.13	16.33	16.14	16.17
		2595 (38000)	16.09	16.30	16.15	16.18
		2577.5 (37825)	16.10	16.23	16.21	16.24
	36RB-Low (0)	2612.5 (38175)	16.18	16.32	16.11	16.14
		2595 (38000)	16.14	16.33	16.05	16.08
		2577.5 (37825)	16.03	16.22	16.24	16.27
	75RB (0)	2612.5 (38175)	16.13	16.30	16.11	16.14
		2595 (38000)	16.11	16.25	16.12	16.15
		2577.5 (37825)	16.14	16.28	16.22	16.25
20MHz	1RB-High (99)	2610 (38150)	16.04	16.09	16.00	16.17
		2595 (38000)	16.12	16.30	16.01	16.04
		2580 (37850)	16.07	16.17	16.00	16.08
	1RB-Middle (50)	2610 (38150)	16.09	16.07	16.16	16.10
		2595 (38000)	16.20	16.59	16.02	16.44
		2580 (37850)	16.10	16.22	16.00	16.31
	1RB-Low (0)	2610 (38150)	16.09	16.22	16.07	16.04
		2595 (38000)	16.36	16.15	15.98	16.25
		2580 (37850)	16.35	16.30	15.93	16.21
	50RB-High (50)	2610 (38150)	16.18	16.24	16.25	16.10
		2595 (38000)	16.29	16.30	15.97	16.19
		2580 (37850)	16.27	16.31	15.89	16.23
	50RB-Middle (25)	2610 (38150)	16.20	16.22	16.21	16.17
		2595 (38000)	16.30	16.30	15.96	16.19
		2580 (37850)	16.32	16.32	15.97	16.28
	50RB-Low (0)	2610 (38150)	16.26	16.28	16.30	16.19
		2595 (38000)	16.28	16.30	16.08	16.17
		2580 (37850)	16.21	16.27	16.04	16.29
	100RB (0)	2610 (38150)	16.19	16.18	16.20	16.20
		2595 (38000)	16.24	16.28	16.01	16.08
		2580 (37850)	16.28	16.33	16.02	16.27

LTE Band38(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	15.74	15.69	15.68	15.38
		2595 (38000)	15.69	15.76	15.69	15.36
		2572.5 (37775)	15.58	15.67	15.56	15.35
	1RB-Middle (12)	2617.5 (38225)	15.73	15.91	15.70	15.48
		2595 (38000)	15.76	15.80	15.56	15.26
		2572.5 (37775)	15.70	15.71	15.61	15.54
	1RB-Low (0)	2617.5 (38225)	15.79	15.69	15.74	15.32
		2595 (38000)	15.63	15.71	15.70	15.36
		2572.5 (37775)	15.60	15.65	15.45	15.51
	12RB-High (13)	2617.5 (38225)	15.75	15.68	15.74	15.23
		2595 (38000)	15.75	15.88	15.87	15.29
		2572.5 (37775)	15.61	15.66	15.62	15.36
	12RB-Middle (6)	2617.5 (38225)	15.77	15.85	15.77	15.21
		2595 (38000)	15.72	15.66	15.80	15.43
		2572.5 (37775)	15.64	15.63	15.72	15.47
	12RB-Low (0)	2617.5 (38225)	15.75	15.79	15.77	15.32
		2595 (38000)	15.67	15.78	15.80	15.44
		2572.5 (37775)	15.65	15.66	15.73	15.44
	25RB (0)	2617.5 (38225)	15.77	15.76	15.78	15.19
		2595 (38000)	15.67	15.74	15.72	15.39
		2572.5 (37775)	15.62	15.65	15.63	15.45
10MHz	1RB-High (49)	2615 (38200)	15.65	15.67	15.64	15.17
		2595 (38000)	15.68	15.81	15.65	15.21
		2575 (37800)	15.59	15.67	15.66	15.38
	1RB-Middle (24)	2615 (38200)	15.72	15.73	15.74	15.26
		2595 (38000)	15.77	15.90	15.60	15.48
		2575 (37800)	15.69	15.74	15.71	15.48
	1RB-Low (0)	2615 (38200)	15.71	15.87	15.74	15.44
		2595 (38000)	15.76	15.85	15.65	15.43
		2575 (37800)	15.68	15.69	15.47	15.58
	25RB-High (25)	2615 (38200)	15.74	15.75	15.75	15.27
		2595 (38000)	15.79	15.77	15.75	15.35
		2575 (37800)	15.67	15.66	15.65	15.42
	25RB-Middle (12)	2615 (38200)	15.71	15.72	15.73	15.31
		2595 (38000)	15.74	15.70	15.73	15.36
		2575 (37800)	15.66	15.70	15.70	15.41
	25RB-Low (0)	2615 (38200)	15.69	15.65	15.69	15.33
		2595 (38000)	15.70	15.74	15.66	15.38
		2575 (37800)	15.70	15.70	15.69	15.42
	50RB (0)	2615 (38200)	15.68	15.72	15.72	15.34
		2595 (38000)	15.70	15.68	15.70	15.32
		2575 (37800)	15.70	15.69	15.68	15.37

15MHz	1RB-High (74)	2612.5 (38175)	15.46	15.47	15.54	15.13
		2595 (38000)	15.49	15.48	15.51	15.06
		2577.5 (37825)	15.42	15.51	15.41	15.22
	1RB-Middle (37)	2612.5 (38175)	15.58	15.63	15.68	15.24
		2595 (38000)	15.56	15.68	15.60	15.40
		2577.5 (37825)	15.47	15.42	15.42	15.40
	1RB-Low (0)	2612.5 (38175)	15.56	15.71	15.50	15.20
		2595 (38000)	15.51	15.52	15.70	15.24
		2577.5 (37825)	15.47	15.47	15.44	15.33
	36RB-High (38)	2612.5 (38175)	15.63	15.61	15.59	15.22
		2595 (38000)	15.63	15.63	15.62	15.24
		2577.5 (37825)	15.55	15.53	15.52	15.31
	36RB-Middle (19)	2612.5 (38175)	15.57	15.62	15.58	15.23
		2595 (38000)	15.53	15.59	15.57	15.24
		2577.5 (37825)	15.54	15.52	15.57	15.30
	36RB-Low (0)	2612.5 (38175)	15.62	15.61	15.61	15.20
		2595 (38000)	15.58	15.62	15.60	15.15
		2577.5 (37825)	15.47	15.51	15.53	15.33
75RB (0)	2612.5 (38175)	15.57	15.59	15.59	15.20	
	2595 (38000)	15.55	15.54	15.57	15.21	
	2577.5 (37825)	15.58	15.57	15.57	15.31	
20MHz	1RB-High (99)	2610 (38150)	15.53	15.51	15.54	15.23
		2595 (38000)	15.56	15.59	15.55	15.11
		2580 (37850)	15.53	15.57	15.45	15.15
	1RB-Middle (50)	2610 (38150)	15.64	15.61	15.61	15.17
		2595 (38000)	15.61	15.73	15.57	15.49
		2580 (37850)	15.61	15.61	15.63	15.36
	1RB-Low (0)	2610 (38150)	15.67	15.74	15.59	15.11
		2595 (38000)	15.61	15.67	15.64	15.31
		2580 (37850)	15.59	15.56	15.56	15.27
	50RB-High (50)	2610 (38150)	15.73	15.67	15.68	15.17
		2595 (38000)	15.71	15.75	15.68	15.25
		2580 (37850)	15.68	15.66	15.65	15.29
	50RB-Middle (25)	2610 (38150)	15.68	15.65	15.63	15.23
		2595 (38000)	15.69	15.66	15.62	15.25
		2580 (37850)	15.66	15.69	15.66	15.34
	50RB-Low (0)	2610 (38150)	15.70	15.71	15.67	15.25
		2595 (38000)	15.66	15.68	15.68	15.23
		2580 (37850)	15.57	15.58	15.61	15.35
100RB (0)	2610 (38150)	15.65	15.64	15.61	15.26	
	2595 (38000)	15.65	15.65	15.66	15.15	
	2580 (37850)	15.63	15.69	15.63	15.33	

LTE Band38(ANT8 DSI 1_3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	18.87	17.88	17.06	13.76
		2595 (38000)	18.98	17.91	17.09	13.63
		2572.5 (37775)	18.71	17.62	16.93	13.62
	1RB-Middle (12)	2617.5 (38225)	18.91	18.02	17.15	13.93
		2595 (38000)	18.95	18.09	17.31	13.92
		2572.5 (37775)	18.81	17.68	16.97	13.58
	1RB-Low (0)	2617.5 (38225)	18.95	17.89	17.07	13.92
		2595 (38000)	18.90	18.02	17.23	13.58
		2572.5 (37775)	18.74	17.69	16.86	13.55
	12RB-High (13)	2617.5 (38225)	17.91	16.97	15.85	13.91
		2595 (38000)	17.97	17.01	16.24	13.91
		2572.5 (37775)	17.80	16.84	15.94	13.74
	12RB-Middle (6)	2617.5 (38225)	17.91	17.00	16.20	14.02
		2595 (38000)	17.92	16.97	16.20	13.83
		2572.5 (37775)	17.84	16.83	16.00	13.76
	12RB-Low (0)	2617.5 (38225)	17.91	16.87	16.03	14.01
		2595 (38000)	17.93	16.90	16.04	13.79
		2572.5 (37775)	17.80	16.72	15.91	13.66
	25RB (0)	2617.5 (38225)	17.91	16.89	16.02	13.96
		2595 (38000)	17.92	16.99	16.06	13.82
		2572.5 (37775)	17.77	16.81	15.98	13.72
10MHz	1RB-High (49)	2615 (38200)	18.89	17.81	17.11	13.85
		2595 (38000)	18.67	17.80	17.25	13.85
		2575 (37800)	18.90	17.81	16.94	13.65
	1RB-Middle (24)	2615 (38200)	18.88	17.95	17.13	13.94
		2595 (38000)	18.79	18.11	17.20	13.94
		2575 (37800)	18.81	17.83	17.04	13.73
	1RB-Low (0)	2615 (38200)	18.95	17.99	17.08	13.92
		2595 (38000)	18.82	18.01	17.22	13.79
		2575 (37800)	18.73	17.96	17.16	13.70
	25RB-High (25)	2615 (38200)	17.92	16.84	16.05	13.94
		2595 (38000)	17.98	17.05	16.20	13.94
		2575 (37800)	17.82	16.84	16.03	13.77
	25RB-Middle (12)	2615 (38200)	17.84	16.87	16.05	13.95
		2595 (38000)	17.93	16.93	16.09	13.90
		2575 (37800)	17.86	16.86	16.01	13.77
	25RB-Low (0)	2615 (38200)	17.87	16.85	16.08	13.90
		2595 (38000)	17.93	16.92	16.15	13.88
		2575 (37800)	17.81	16.78	16.04	13.74
	50RB (0)	2615 (38200)	17.84	16.83	16.03	13.88
		2595 (38000)	17.91	16.87	16.08	13.86
		2575 (37800)	17.83	16.76	16.02	13.77

15MHz	1RB-High (74)	2612.5 (38175)	18.57	17.58	16.74	13.44
		2595 (38000)	18.70	17.80	17.10	13.54
		2577.5 (37825)	18.57	17.58	16.95	13.55
	1RB-Middle (37)	2612.5 (38175)	18.75	17.73	16.83	13.71
		2595 (38000)	18.82	17.76	17.14	13.65
		2577.5 (37825)	18.62	17.81	16.80	13.54
	1RB-Low (0)	2612.5 (38175)	18.73	17.79	17.06	13.70
		2595 (38000)	18.77	17.96	17.08	13.53
		2577.5 (37825)	18.57	17.70	16.71	13.38
	36RB-High (38)	2612.5 (38175)	17.75	16.74	15.97	13.85
		2595 (38000)	17.83	16.85	16.08	13.84
		2577.5 (37825)	17.69	16.77	15.93	13.65
	36RB-Middle (19)	2612.5 (38175)	17.72	16.68	15.90	13.81
		2595 (38000)	17.79	16.76	15.97	13.74
		2577.5 (37825)	17.72	16.77	15.96	13.67
	36RB-Low (0)	2612.5 (38175)	17.79	16.76	15.96	13.82
		2595 (38000)	17.79	16.80	16.02	13.77
		2577.5 (37825)	17.59	16.67	15.82	13.58
75RB (0)	2612.5 (38175)	17.73	16.69	15.89	13.75	
	2595 (38000)	17.78	16.77	16.00	13.73	
	2577.5 (37825)	17.72	16.76	15.89	13.65	
20MHz	1RB-High (99)	2610 (38150)	18.54	17.50	16.53	13.69
		2595 (38000)	18.70	17.69	16.67	13.49
		2580 (37850)	18.69	17.58	16.62	13.66
	1RB-Middle (50)	2610 (38150)	18.74	17.72	16.81	13.76
		2595 (38000)	18.75	17.95	16.65	13.73
		2580 (37850)	18.74	17.79	16.72	13.56
	1RB-Low (0)	2610 (38150)	18.81	17.79	16.86	13.64
		2595 (38000)	18.76	17.91	16.63	13.62
		2580 (37850)	18.67	17.68	16.88	13.57
	50RB-High (50)	2610 (38150)	17.74	16.72	15.74	13.80
		2595 (38000)	17.81	16.81	15.78	13.79
		2580 (37850)	17.75	16.72	15.76	13.72
	50RB-Middle (25)	2610 (38150)	17.72	16.72	15.72	13.89
		2595 (38000)	17.73	16.71	15.82	13.79
		2580 (37850)	17.73	16.75	15.79	13.72
	50RB-Low (0)	2610 (38150)	17.70	16.74	15.76	13.81
		2595 (38000)	17.81	16.81	15.79	13.81
		2580 (37850)	17.60	16.60	15.67	13.69
100RB (0)	2610 (38150)	17.70	16.69	15.73	13.84	
	2595 (38000)	17.73	16.73	15.73	13.72	
	2580 (37850)	17.77	16.77	15.71	13.72	

LTE Band38(ANT8 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	13.73	13.58	13.62	13.63
		2595 (38000)	13.65	13.59	13.49	13.49
		2572.5 (37775)	13.56	13.36	13.48	13.48
	1RB-Middle (12)	2617.5 (38225)	13.79	13.59	13.79	13.79
		2595 (38000)	13.80	13.64	13.78	13.78
		2572.5 (37775)	13.58	13.42	13.45	13.45
	1RB-Low (0)	2617.5 (38225)	13.82	13.54	13.78	13.78
		2595 (38000)	13.65	13.48	13.45	13.45
		2572.5 (37775)	13.53	13.32	13.41	13.42
	12RB-High (13)	2617.5 (38225)	13.80	13.52	13.76	13.77
		2595 (38000)	13.73	13.52	13.76	13.77
		2572.5 (37775)	13.54	13.37	13.60	13.60
	12RB-Middle (6)	2617.5 (38225)	13.79	13.73	13.88	13.88
		2595 (38000)	13.70	13.35	13.69	13.69
		2572.5 (37775)	13.65	13.28	13.62	13.63
	12RB-Low (0)	2617.5 (38225)	13.79	13.64	13.86	13.87
		2595 (38000)	13.66	13.38	13.64	13.65
		2572.5 (37775)	13.60	13.37	13.52	13.53
	25RB (0)	2617.5 (38225)	13.78	13.54	13.82	13.83
		2595 (38000)	13.65	13.49	13.68	13.68
		2572.5 (37775)	13.58	13.33	13.58	13.58
10MHz	1RB-High (49)	2615 (38200)	13.74	13.57	13.71	13.71
		2595 (38000)	13.70	13.61	13.71	13.71
		2575 (37800)	13.58	13.48	13.51	13.52
	1RB-Middle (24)	2615 (38200)	13.82	13.64	13.80	13.80
		2595 (38000)	13.76	13.66	13.80	13.80
		2575 (37800)	13.57	13.45	13.59	13.59
	1RB-Low (0)	2615 (38200)	13.85	13.65	13.78	13.78
		2595 (38000)	13.70	13.55	13.64	13.65
		2575 (37800)	13.57	13.39	13.56	13.56
	25RB-High (25)	2615 (38200)	13.80	13.60	13.80	13.80
		2595 (38000)	13.79	13.57	13.80	13.80
		2575 (37800)	13.61	13.38	13.63	13.64
	25RB-Middle (12)	2615 (38200)	13.76	13.54	13.81	13.81
		2595 (38000)	13.74	13.50	13.75	13.76
		2575 (37800)	13.63	13.39	13.63	13.64
	25RB-Low (0)	2615 (38200)	13.74	13.55	13.75	13.76
		2595 (38000)	13.68	13.49	13.73	13.74
		2575 (37800)	13.58	13.34	13.60	13.60
	50RB (0)	2615 (38200)	13.77	13.51	13.73	13.74
		2595 (38000)	13.73	13.46	13.72	13.73
		2575 (37800)	13.61	13.43	13.63	13.64

15MHz	1RB-High (74)	2612.5 (38175)	13.52	13.24	13.31	13.30
		2595 (38000)	13.56	13.31	13.40	13.40
		2577.5 (37825)	13.34	13.31	13.41	13.42
	1RB-Middle (37)	2612.5 (38175)	13.58	13.25	13.57	13.57
		2595 (38000)	13.58	13.33	13.51	13.52
		2577.5 (37825)	13.41	13.30	13.40	13.40
	1RB-Low (0)	2612.5 (38175)	13.64	13.43	13.56	13.56
		2595 (38000)	13.65	13.34	13.39	13.39
		2577.5 (37825)	13.41	13.20	13.25	13.25
	36RB-High (38)	2612.5 (38175)	13.68	13.45	13.71	13.71
		2595 (38000)	13.66	13.44	13.70	13.70
		2577.5 (37825)	13.54	13.26	13.51	13.52
	36RB-Middle (19)	2612.5 (38175)	13.64	13.33	13.67	13.67
		2595 (38000)	13.58	13.36	13.60	13.60
		2577.5 (37825)	13.50	13.25	13.53	13.54
	36RB-Low (0)	2612.5 (38175)	13.66	13.44	13.68	13.68
		2595 (38000)	13.63	13.38	13.63	13.64
		2577.5 (37825)	13.42	13.19	13.45	13.45
	75RB (0)	2612.5 (38175)	13.61	13.37	13.61	13.61
		2595 (38000)	13.55	13.33	13.59	13.59
		2577.5 (37825)	13.54	13.31	13.51	13.52
20MHz	1RB-High (99)	2610 (38150)	13.55	13.59	13.45	13.45
		2595 (38000)	13.53	13.34	13.36	13.36
		2580 (37850)	13.57	13.60	13.44	13.44
	1RB-Middle (50)	2610 (38150)	13.55	13.94	13.59	13.59
		2595 (38000)	13.53	13.66	13.53	13.53
		2580 (37850)	13.44	13.90	13.56	13.56
	1RB-Low (0)	2610 (38150)	13.59	13.62	13.62	13.62
		2595 (38000)	13.58	13.65	13.57	13.57
		2580 (37850)	13.46	13.51	13.36	13.36
	50RB-High (50)	2610 (38150)	13.60	13.57	13.60	13.60
		2595 (38000)	13.67	13.65	13.64	13.64
		2580 (37850)	13.64	13.66	13.64	13.64
	50RB-Middle (25)	2610 (38150)	13.58	13.55	13.57	13.57
		2595 (38000)	13.66	13.62	13.58	13.58
		2580 (37850)	13.63	13.60	13.63	13.63
	50RB-Low (0)	2610 (38150)	13.61	13.61	13.61	13.61
		2595 (38000)	13.65	13.67	13.64	13.64
		2580 (37850)	13.51	13.51	13.50	13.50
	100RB (0)	2610 (38150)	13.56	13.51	13.57	13.57
		2595 (38000)	13.63	13.66	13.60	13.60
		2580 (37850)	13.59	13.63	13.54	13.54

LTE Band41 PC3(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	18.56	18.65	18.73	18.15
		2640.3(41093)	18.54	18.69	18.35	18.23
		2593 (40620)	18.52	18.57	18.62	18.01
		2545.8(40148)	18.40	18.45	18.32	18.05
		2498.5 (39675)	18.42	18.53	18.50	18.10
	1RB-Middle (12)	2687.5 (41565)	18.64	18.74	18.68	18.28
		2640.3(41093)	18.59	18.71	18.50	18.52
		2593 (40620)	18.62	18.65	18.54	18.20
		2545.8(40148)	18.45	18.61	18.53	18.15
		2498.5 (39675)	18.50	18.62	18.67	18.30
	1RB-Low (0)	2687.5 (41565)	18.68	18.75	18.66	18.16
		2640.3(41093)	18.48	18.44	18.51	18.22
		2593 (40620)	18.43	18.40	18.54	18.01
		2545.8(40148)	18.37	18.46	18.34	18.00
		2498.5 (39675)	18.43	18.39	18.32	17.96
	12RB-High (13)	2687.5 (41565)	18.67	18.56	18.69	18.05
		2640.3(41093)	18.56	18.61	18.58	17.92
		2593 (40620)	18.55	18.58	18.60	17.93
		2545.8(40148)	18.44	18.48	18.30	17.82
		2498.5 (39675)	18.46	18.54	18.50	17.88
	12RB-Middle (6)	2687.5 (41565)	18.70	18.73	18.68	18.08
		2640.3(41093)	18.64	18.68	18.60	17.96
		2593 (40620)	18.57	18.52	18.58	17.95
		2545.8(40148)	18.50	18.42	18.52	17.88
		2498.5 (39675)	18.51	18.53	18.60	17.92
	12RB-Low (0)	2687.5 (41565)	18.69	18.67	18.57	18.06
		2640.3(41093)	18.51	18.55	18.44	17.82
		2593 (40620)	18.52	18.57	18.55	17.84
		2545.8(40148)	18.51	18.39	18.45	17.83
		2498.5 (39675)	18.49	18.43	18.55	17.89
25RB (0)	2687.5 (41565)	18.65	18.62	18.67	17.97	
	2640.3(41093)	18.57	18.57	18.57	17.91	
	2593 (40620)	18.56	18.55	18.59	17.76	
	2545.8(40148)	18.49	18.51	18.45	17.78	
	2498.5 (39675)	18.47	18.55	18.50	17.85	

10MHz	1RB-High (49)	2685 (41540)	18.58	18.49	18.61	18.14
		2639(41080)	18.55	18.52	18.49	18.30
		2593 (40620)	18.50	18.66	18.47	18.08
		2547(40160)	18.39	18.38	18.39	18.04
		2501 (39700)	18.41	18.53	18.45	18.01
	1RB-Middle (24)	2685 (41540)	18.60	18.63	18.45	18.15
		2639(41080)	18.62	18.60	18.52	18.20
		2593 (40620)	18.60	18.53	18.51	18.02
		2547(40160)	18.44	18.47	18.38	18.08
		2501 (39700)	18.47	18.63	18.45	18.10
	1RB-Low (0)	2685 (41540)	18.63	18.80	18.57	18.14
		2639(41080)	18.52	18.54	18.52	18.16
		2593 (40620)	18.58	18.67	18.62	17.98
		2547(40160)	18.34	18.55	18.38	18.01
		2501 (39700)	18.54	18.52	18.39	18.15
	25RB-High (25)	2685 (41540)	18.68	18.67	18.69	17.98
		2639(41080)	18.58	18.63	18.62	17.98
		2593 (40620)	18.61	18.55	18.61	17.80
		2547(40160)	18.45	18.45	18.50	17.85
		2501 (39700)	18.47	18.51	18.50	17.80
	25RB-Middle (12)	2685 (41540)	18.60	18.62	18.63	17.95
		2639(41080)	18.65	18.62	18.63	17.97
		2593 (40620)	18.60	18.63	18.58	17.85
		2547(40160)	18.51	18.52	18.54	17.87
		2501 (39700)	18.52	18.56	18.55	17.83
	25RB-Low (0)	2685 (41540)	18.61	18.59	18.69	17.94
		2639(41080)	18.54	18.51	18.53	17.89
		2593 (40620)	18.52	18.48	18.54	17.76
		2547(40160)	18.50	18.49	18.47	17.84
		2501 (39700)	18.48	18.52	18.51	17.85
50RB (0)	2685 (41540)	18.63	18.62	18.62	17.89	
	2639(41080)	18.59	18.60	18.59	17.92	
	2593 (40620)	18.58	18.58	18.60	17.81	
	2547(40160)	18.48	18.50	18.49	17.82	
	2501 (39700)	18.47	18.49	18.52	17.83	

15MHz	1RB-High (74)	2682.5 (41515)	18.64	18.62	18.45	18.09
		2637.8(41068)	18.44	18.37	18.44	18.05
		2593 (40620)	18.48	18.37	18.30	17.81
		2548.3(40173)	18.30	18.21	18.14	17.89
		2503.5 (39725)	18.23	18.40	18.22	17.89
	1RB-Middle (37)	2682.5 (41515)	18.57	18.46	18.45	18.18
		2637.8(41068)	18.48	18.55	18.38	18.02
		2593 (40620)	18.34	18.49	18.38	17.92
		2548.3(40173)	18.23	18.30	18.22	17.90
		2503.5 (39725)	18.18	18.25	18.18	18.03
	1RB-Low (0)	2682.5 (41515)	18.54	18.50	18.41	18.18
		2637.8(41068)	18.42	18.62	18.40	18.11
		2593 (40620)	18.34	18.63	18.26	17.90
		2548.3(40173)	18.35	18.36	18.18	18.00
		2503.5 (39725)	18.21	18.38	18.33	17.77
	36RB-High (38)	2682.5 (41515)	18.52	18.50	18.54	17.85
		2637.8(41068)	18.52	18.46	18.48	17.82
		2593 (40620)	18.45	18.48	18.44	17.74
		2548.3(40173)	18.33	18.32	18.32	17.70
		2503.5 (39725)	18.35	18.35	18.37	17.74
	36RB-Middle (19)	2682.5 (41515)	18.51	18.45	18.48	17.80
		2637.8(41068)	18.46	18.49	18.44	17.81
		2593 (40620)	18.42	18.44	18.43	17.73
		2548.3(40173)	18.38	18.38	18.35	17.72
		2503.5 (39725)	18.34	18.35	18.32	17.79
	36RB-Low (0)	2682.5 (41515)	18.54	18.52	18.51	17.82
		2637.8(41068)	18.46	18.42	18.42	17.76
		2593 (40620)	18.40	18.42	18.37	17.68
		2548.3(40173)	18.28	18.28	18.26	17.69
		2503.5 (39725)	18.32	18.34	18.33	17.75
75RB (0)	2682.5 (41515)	18.48	18.32	18.47	17.78	
	2637.8(41068)	18.55	18.45	18.48	17.80	
	2593 (40620)	18.45	18.40	18.43	17.69	
	2548.3(40173)	18.33	18.36	18.34	17.74	
	2503.5 (39725)	18.39	18.46	18.37	17.74	

20MHz	1RB-High (99)	2680 (41490)	18.47	18.54	18.49	18.23
		2636.5(41055)	18.50	18.51	18.32	18.10
		2593 (40620)	18.44	18.48	18.32	17.95
		2549.5(40185)	18.26	18.32	18.16	17.92
		2506 (39750)	18.30	18.30	18.19	17.94
	1RB-Middle (50)	2680 (41490)	18.51	18.58	18.41	18.42
		2636.5(41055)	18.42	18.64	18.37	18.25
		2593 (40620)	18.38	18.41	18.27	18.20
		2549.5(40185)	18.23	18.52	18.14	18.30
		2506 (39750)	18.26	18.30	18.17	18.52
	1RB-Low (0)	2680 (41490)	18.55	18.58	18.42	18.23
		2636.5(41055)	18.43	18.40	18.42	18.03
		2593 (40620)	18.61	18.33	18.30	17.96
		2549.5(40185)	18.28	18.46	18.26	18.00
		2506 (39750)	18.17	18.15	18.29	17.92
	50RB-High (50)	2680 (41490)	18.55	18.56	18.53	17.87
		2636.5(41055)	18.50	18.41	18.46	17.80
		2593 (40620)	18.44	18.45	18.34	17.72
		2549.5(40185)	18.33	18.29	18.27	17.72
		2506 (39750)	18.39	18.37	18.36	17.71
	50RB-Middle (25)	2680 (41490)	18.61	18.55	18.60	17.84
		2636.5(41055)	18.54	18.47	18.47	17.79
		2593 (40620)	18.50	18.48	18.47	17.70
		2549.5(40185)	18.39	18.36	18.30	17.73
		2506 (39750)	18.38	18.38	18.32	17.74
	50RB-Low (0)	2680 (41490)	18.51	18.49	18.48	17.78
		2636.5(41055)	18.56	18.53	18.52	17.79
		2593 (40620)	18.40	18.42	18.35	17.66
		2549.5(40185)	18.31	18.30	18.29	17.69
		2506 (39750)	18.35	18.37	18.32	17.75
100RB (0)	2680 (41490)	18.48	18.51	18.53	17.76	
	2636.5(41055)	18.50	18.51	18.49	17.80	
	2593 (40620)	18.44	18.48	18.48	17.70	
	2549.5(40185)	18.38	18.37	18.36	17.78	
	2506 (39750)	18.39	18.38	18.36	17.98	

LTE Band41 PC3(ANT4 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	22.76	22.79	22.74	19.22
		2640.3(41093)	22.67	22.77	22.65	19.56
		2593 (40620)	22.82	22.67	22.68	19.41
		2545.8(40148)	22.67	22.74	22.51	19.51
		2498.5 (39675)	22.73	22.71	22.63	19.43
	1RB-Middle (12)	2687.5 (41565)	22.93	22.95	22.84	19.47
		2640.3(41093)	22.80	22.92	22.77	19.43
		2593 (40620)	22.82	22.90	22.72	19.39
		2545.8(40148)	22.82	22.83	22.68	19.45
		2498.5 (39675)	22.74	22.92	22.67	19.45
	1RB-Low (0)	2687.5 (41565)	22.79	22.77	22.78	19.20
		2640.3(41093)	22.66	22.66	22.73	19.46
		2593 (40620)	22.79	22.85	22.72	19.34
		2545.8(40148)	22.61	22.62	22.57	19.40
		2498.5 (39675)	22.72	22.74	22.58	19.35
	12RB-High (13)	2687.5 (41565)	22.84	22.73	21.73	19.21
		2640.3(41093)	22.78	22.64	21.67	19.39
		2593 (40620)	22.83	22.74	21.74	19.15
		2545.8(40148)	22.74	22.46	21.44	19.15
		2498.5 (39675)	22.78	22.47	21.52	19.07
	12RB-Middle (6)	2687.5 (41565)	22.89	22.74	21.73	19.25
		2640.3(41093)	22.83	22.70	21.68	19.48
		2593 (40620)	22.84	22.75	21.79	19.23
		2545.8(40148)	22.75	22.61	21.52	19.20
		2498.5 (39675)	22.76	22.57	21.52	19.12
	12RB-Low (0)	2687.5 (41565)	22.87	22.78	21.74	19.17
		2640.3(41093)	22.79	22.65	21.64	19.27
		2593 (40620)	22.78	22.64	21.67	19.11
		2545.8(40148)	22.72	22.55	21.54	19.12
		2498.5 (39675)	22.75	22.58	21.60	19.05
25RB (0)	2687.5 (41565)	22.85	22.73	21.74	19.32	
	2640.3(41093)	22.76	22.72	21.71	19.17	
	2593 (40620)	22.86	22.72	21.73	19.10	
	2545.8(40148)	22.70	22.52	21.54	19.04	
	2498.5 (39675)	22.69	22.50	21.53	19.09	

10MHz	1RB-High (49)	2685 (41540)	22.74	22.84	22.83	19.38
		2639(41080)	22.71	22.71	22.61	19.49
		2593 (40620)	22.76	22.84	22.69	19.46
		2547(40160)	22.72	22.64	22.72	19.35
		2501 (39700)	22.73	22.59	22.64	19.38
	1RB-Middle (24)	2685 (41540)	22.86	22.90	22.86	19.39
		2639(41080)	22.80	22.89	22.77	19.27
		2593 (40620)	22.83	22.87	22.80	19.49
		2547(40160)	22.65	22.63	22.63	19.48
		2501 (39700)	22.73	22.64	22.56	19.39
	1RB-Low (0)	2685 (41540)	22.86	22.86	22.82	19.37
		2639(41080)	22.71	22.87	22.75	19.61
		2593 (40620)	22.84	22.91	22.70	19.46
		2547(40160)	22.72	22.62	22.66	19.37
		2501 (39700)	22.76	22.71	22.52	19.18
	25RB-High (25)	2685 (41540)	22.90	22.77	21.79	19.42
		2639(41080)	22.77	22.72	21.68	19.26
		2593 (40620)	22.85	22.75	21.75	19.05
		2547(40160)	22.72	22.58	21.59	19.02
		2501 (39700)	22.79	22.55	21.55	19.03
	25RB-Middle (12)	2685 (41540)	22.84	22.78	21.75	19.35
		2639(41080)	22.79	22.70	21.69	19.26
		2593 (40620)	22.86	22.71	21.73	19.07
		2547(40160)	22.80	22.60	21.60	19.06
		2501 (39700)	22.75	22.59	21.62	19.13
	25RB-Low (0)	2685 (41540)	22.82	22.76	21.72	19.31
		2639(41080)	22.72	22.64	21.64	19.15
		2593 (40620)	22.77	22.67	21.66	18.90
		2547(40160)	22.73	22.62	21.59	19.05
		2501 (39700)	22.78	22.60	21.57	19.04
50RB (0)	2685 (41540)	22.81	22.67	21.70	19.16	
	2639(41080)	22.81	22.67	21.71	19.23	
	2593 (40620)	22.85	22.73	21.71	19.00	
	2547(40160)	22.74	22.56	21.54	18.99	
	2501 (39700)	22.78	22.55	21.52	19.00	

15MHz	1RB-High (74)	2682.5 (41515)	22.79	22.82	22.82	19.47
		2637.8(41068)	22.70	22.72	22.67	19.39
		2593 (40620)	22.68	22.75	22.59	19.27
		2548.3(40173)	22.55	22.71	22.48	19.10
		2503.5 (39725)	22.57	22.71	22.33	19.15
	1RB-Middle (37)	2682.5 (41515)	22.65	22.65	22.74	19.32
		2637.8(41068)	22.59	22.60	22.65	19.31
		2593 (40620)	22.62	22.75	22.71	19.20
		2548.3(40173)	22.47	22.46	22.36	19.15
		2503.5 (39725)	22.70	22.50	22.57	19.15
	1RB-Low (0)	2682.5 (41515)	22.73	22.69	22.79	19.34
		2637.8(41068)	22.63	22.55	22.79	19.22
		2593 (40620)	22.64	22.67	22.55	19.21
		2548.3(40173)	22.58	22.53	22.55	19.19
		2503.5 (39725)	22.50	22.46	22.50	19.22
	36RB-High (38)	2682.5 (41515)	22.77	22.66	21.67	19.17
		2637.8(41068)	22.70	22.54	21.53	19.09
		2593 (40620)	22.73	22.55	21.58	18.87
		2548.3(40173)	22.56	22.47	21.50	18.90
		2503.5 (39725)	22.61	22.47	21.42	18.86
	36RB-Middle (19)	2682.5 (41515)	22.71	22.63	21.60	19.01
		2637.8(41068)	22.68	22.60	21.59	19.10
		2593 (40620)	22.74	22.55	21.56	18.91
		2548.3(40173)	22.63	22.41	21.49	18.88
		2503.5 (39725)	22.64	22.47	21.46	18.84
	36RB-Low (0)	2682.5 (41515)	22.70	22.63	21.59	19.06
		2637.8(41068)	22.68	22.50	21.52	19.00
		2593 (40620)	22.69	22.54	21.54	18.76
		2548.3(40173)	22.53	22.44	21.46	18.82
		2503.5 (39725)	22.60	22.48	21.41	18.89
75RB (0)	2682.5 (41515)	22.73	22.61	21.58	18.99	
	2637.8(41068)	22.73	22.62	21.56	19.05	
	2593 (40620)	22.71	22.56	21.59	18.91	
	2548.3(40173)	22.59	22.48	21.49	18.86	
	2503.5 (39725)	22.61	22.49	21.43	18.85	

20MHz	1RB-High (99)	2680 (41490)	22.77	22.72	22.58	19.44
		2636.5(41055)	22.61	22.77	22.66	19.42
		2593 (40620)	22.68	22.50	22.33	19.33
		2549.5(40185)	22.50	22.46	22.39	19.31
		2506 (39750)	22.56	22.55	22.38	19.13
	1RB-Middle (50)	2680 (41490)	22.64	22.84	22.70	19.40
		2636.5(41055)	22.55	22.96	22.85	19.23
		2593 (40620)	22.59	22.93	22.53	19.27
		2549.5(40185)	22.48	22.76	22.78	19.57
		2506 (39750)	22.49	22.78	22.40	19.53
	1RB-Low (0)	2680 (41490)	22.78	22.98	22.84	19.59
		2636.5(41055)	22.77	22.87	22.62	19.73
		2593 (40620)	22.67	22.75	22.38	19.27
		2549.5(40185)	22.51	22.63	22.37	19.46
		2506 (39750)	22.51	22.43	22.46	19.34
	50RB-High (50)	2680 (41490)	22.81	22.66	21.68	19.10
		2636.5(41055)	22.68	22.57	21.57	19.08
		2593 (40620)	22.72	22.62	21.58	18.96
		2549.5(40185)	22.63	22.46	21.45	18.85
		2506 (39750)	22.60	22.51	21.45	18.91
	50RB-Middle (25)	2680 (41490)	22.80	22.71	21.66	19.17
		2636.5(41055)	22.74	22.62	21.61	19.07
		2593 (40620)	22.79	22.58	21.56	18.91
		2549.5(40185)	22.63	22.47	21.46	18.87
		2506 (39750)	22.69	22.50	21.48	18.92
	50RB-Low (0)	2680 (41490)	22.72	22.66	21.62	19.03
		2636.5(41055)	22.78	22.65	21.63	19.13
		2593 (40620)	22.73	22.48	21.48	18.84
		2549.5(40185)	22.58	22.45	21.42	18.82
		2506 (39750)	22.66	22.40	21.38	18.87
100RB (0)	2680 (41490)	22.71	22.66	21.58	18.98	
	2636.5(41055)	22.70	22.58	21.58	19.09	
	2593 (40620)	22.76	22.59	21.57	18.92	
	2549.5(40185)	22.62	22.46	21.46	18.84	
	2506 (39750)	22.69	22.41	21.47	18.86	

LTE Band41 PC3(ANT4 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	12.57	12.71	12.56	12.39
		2640.3(41093)	12.49	12.56	12.33	12.16
		2593 (40620)	12.47	12.58	12.36	12.19
		2545.8(40148)	12.41	12.40	12.36	12.19
		2498.5 (39675)	12.40	12.53	12.33	12.16
	1RB-Middle (12)	2687.5 (41565)	12.67	12.83	12.55	12.38
		2640.3(41093)	12.67	12.69	12.39	12.22
		2593 (40620)	12.59	12.61	12.60	12.43
		2545.8(40148)	12.42	12.39	12.31	12.14
		2498.5 (39675)	12.41	12.42	12.34	12.17
	1RB-Low (0)	2687.5 (41565)	12.56	12.60	12.45	12.28
		2640.3(41093)	12.47	12.60	12.57	12.40
		2593 (40620)	12.46	12.60	12.38	12.21
		2545.8(40148)	12.38	12.30	12.30	12.13
		2498.5 (39675)	12.36	12.39	12.41	12.24
	12RB-High (13)	2687.5 (41565)	12.63	12.64	12.69	12.52
		2640.3(41093)	12.56	12.54	12.58	12.41
		2593 (40620)	12.55	12.59	12.61	12.44
		2545.8(40148)	12.41	12.34	12.33	12.16
		2498.5 (39675)	12.43	12.52	12.50	12.33
	12RB-Middle (6)	2687.5 (41565)	12.69	12.62	12.61	12.44
		2640.3(41093)	12.66	12.56	12.54	12.37
		2593 (40620)	12.61	12.53	12.69	12.52
		2545.8(40148)	12.51	12.46	12.52	12.35
		2498.5 (39675)	12.51	12.51	12.31	12.14
	12RB-Low (0)	2687.5 (41565)	12.70	12.71	12.60	12.43
		2640.3(41093)	12.51	12.47	12.50	12.33
		2593 (40620)	12.46	12.44	12.43	12.26
		2545.8(40148)	12.43	12.49	12.38	12.21
		2498.5 (39675)	12.49	12.54	12.52	12.35
25RB (0)	2687.5 (41565)	12.66	12.63	12.64	12.47	
	2640.3(41093)	12.56	12.59	12.56	12.39	
	2593 (40620)	12.53	12.59	12.56	12.39	
	2545.8(40148)	12.50	12.43	12.42	12.25	
	2498.5 (39675)	12.43	12.46	12.44	12.27	

10MHz	1RB-High (49)	2685 (41540)	12.61	12.84	12.54	12.37
		2639(41080)	12.50	12.43	12.50	12.33
		2593 (40620)	12.56	12.38	12.45	12.28
		2547(40160)	12.41	12.43	12.25	12.08
		2501 (39700)	12.45	12.48	12.42	12.25
	1RB-Middle (24)	2685 (41540)	12.69	12.71	12.68	12.51
		2639(41080)	12.57	12.56	12.53	12.36
		2593 (40620)	12.53	12.64	12.58	12.41
		2547(40160)	12.46	12.43	12.39	12.22
		2501 (39700)	12.49	12.44	12.43	12.26
	1RB-Low (0)	2685 (41540)	12.62	12.61	12.49	12.32
		2639(41080)	12.55	12.61	12.45	12.28
		2593 (40620)	12.52	12.71	12.53	12.36
		2547(40160)	12.40	12.41	12.29	12.12
		2501 (39700)	12.42	12.43	12.42	12.25
	25RB-High (25)	2685 (41540)	12.63	12.68	12.66	12.49
		2639(41080)	12.58	12.56	12.59	12.42
		2593 (40620)	12.60	12.53	12.54	12.37
		2547(40160)	12.44	12.47	12.43	12.26
		2501 (39700)	12.53	12.53	12.53	12.36
	25RB-Middle (12)	2685 (41540)	12.63	12.63	12.64	12.47
		2639(41080)	12.63	12.61	12.62	12.45
		2593 (40620)	12.61	12.62	12.61	12.44
		2547(40160)	12.52	12.44	12.52	12.35
		2501 (39700)	12.52	12.52	12.53	12.36
	25RB-Low (0)	2685 (41540)	12.64	12.62	12.60	12.43
		2639(41080)	12.54	12.55	12.48	12.31
		2593 (40620)	12.51	12.51	12.49	12.32
		2547(40160)	12.44	12.45	12.45	12.28
		2501 (39700)	12.47	12.48	12.47	12.30
50RB (0)	2685 (41540)	12.63	12.61	12.60	12.43	
	2639(41080)	12.64	12.64	12.62	12.45	
	2593 (40620)	12.57	12.60	12.59	12.42	
	2547(40160)	12.48	12.47	12.45	12.28	
	2501 (39700)	12.51	12.51	12.46	12.29	

15MHz	1RB-High (74)	2682.5 (41515)	12.60	12.61	12.66	12.49
		2637.8(41068)	12.46	12.42	12.44	12.27
		2593 (40620)	12.44	12.41	12.43	12.26
		2548.3(40173)	12.30	12.36	12.19	12.02
		2503.5 (39725)	12.27	12.37	12.17	12.00
	1RB-Middle (37)	2682.5 (41515)	12.55	12.52	12.57	12.40
		2637.8(41068)	12.45	12.37	12.42	12.25
		2593 (40620)	12.52	12.46	12.43	12.26
		2548.3(40173)	12.27	12.37	12.29	12.12
		2503.5 (39725)	12.30	12.28	12.30	12.13
	1RB-Low (0)	2682.5 (41515)	12.62	12.69	12.50	12.33
		2637.8(41068)	12.46	12.42	12.33	12.16
		2593 (40620)	12.43	12.34	12.34	12.17
		2548.3(40173)	12.30	12.25	12.34	12.17
		2503.5 (39725)	12.28	12.23	12.19	12.02
	36RB-High (38)	2682.5 (41515)	12.63	12.58	12.55	12.38
		2637.8(41068)	12.55	12.52	12.50	12.33
		2593 (40620)	12.51	12.48	12.46	12.29
		2548.3(40173)	12.37	12.38	12.32	12.15
		2503.5 (39725)	12.43	12.42	12.35	12.18
	36RB-Middle (19)	2682.5 (41515)	12.59	12.53	12.51	12.34
		2637.8(41068)	12.57	12.47	12.49	12.32
		2593 (40620)	12.47	12.49	12.46	12.29
		2548.3(40173)	12.38	12.37	12.35	12.18
		2503.5 (39725)	12.42	12.41	12.36	12.19
	36RB-Low (0)	2682.5 (41515)	12.56	12.52	12.51	12.34
		2637.8(41068)	12.52	12.45	12.47	12.30
		2593 (40620)	12.45	12.46	12.44	12.27
		2548.3(40173)	12.34	12.37	12.30	12.13
		2503.5 (39725)	12.40	12.37	12.39	12.22
75RB (0)	2682.5 (41515)	12.58	12.53	12.50	12.33	
	2637.8(41068)	12.54	12.55	12.53	12.36	
	2593 (40620)	12.54	12.49	12.46	12.29	
	2548.3(40173)	12.37	12.39	12.34	12.17	
	2503.5 (39725)	12.41	12.37	12.39	12.22	

20MHz	1RB-High (99)	2680 (41490)	12.73	12.71	12.48	12.31
		2636.5(41055)	12.64	12.46	12.55	12.38
		2593 (40620)	12.57	12.52	12.56	12.39
		2549.5(40185)	12.37	12.36	12.27	12.10
		2506 (39750)	12.42	12.50	12.27	12.10
	1RB-Middle (50)	2680 (41490)	12.86	12.83	12.63	12.46
		2636.5(41055)	12.67	12.58	12.53	12.36
		2593 (40620)	12.50	12.62	12.37	12.20
		2549.5(40185)	12.44	12.43	12.31	12.14
		2506 (39750)	12.44	12.51	12.39	12.22
	1RB-Low (0)	2680 (41490)	12.92	12.57	12.54	12.37
		2636.5(41055)	12.72	12.73	12.52	12.35
		2593 (40620)	12.63	12.65	12.44	12.27
		2549.5(40185)	12.45	12.44	12.47	12.30
		2506 (39750)	12.36	12.29	12.18	12.01
	50RB-High (50)	2680 (41490)	12.88	12.71	12.65	12.48
		2636.5(41055)	12.72	12.62	12.54	12.37
		2593 (40620)	12.69	12.59	12.53	12.36
		2549.5(40185)	12.50	12.48	12.42	12.25
		2506 (39750)	12.58	12.56	12.44	12.27
	50RB-Middle (25)	2680 (41490)	12.86	12.75	12.67	12.50
		2636.5(41055)	12.76	12.66	12.59	12.42
		2593 (40620)	12.70	12.66	12.53	12.36
		2549.5(40185)	12.57	12.53	12.43	12.26
		2506 (39750)	12.55	12.52	12.48	12.31
	50RB-Low (0)	2680 (41490)	12.79	12.65	12.66	12.49
		2636.5(41055)	12.80	12.67	12.61	12.44
		2593 (40620)	12.64	12.56	12.48	12.31
2549.5(40185)		12.56	12.48	12.44	12.27	
2506 (39750)		12.55	12.53	12.46	12.29	
100RB (0)	2680 (41490)	12.78	12.70	12.60	12.43	
	2636.5(41055)	12.78	12.63	12.61	12.44	
	2593 (40620)	12.71	12.62	12.53	12.36	
	2549.5(40185)	12.57	12.50	12.39	12.22	
	2506 (39750)	12.54	12.49	12.42	12.25	

LTE Band41 PC3(ANT1 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.29	23.25	22.24	19.76
		2640.3(41093)	23.37	23.45	22.26	19.56
		2593 (40620)	23.38	23.36	22.28	19.71
		2545.8(40148)	23.39	23.39	22.55	19.66
		2498.5 (39675)	23.35	23.41	22.22	19.47
	1RB-Middle (12)	2687.5 (41565)	23.47	23.42	22.37	19.93
		2640.3(41093)	23.48	23.42	22.55	19.93
		2593 (40620)	23.57	23.50	22.39	19.68
		2545.8(40148)	23.39	23.60	22.57	19.89
		2498.5 (39675)	23.55	23.43	22.31	19.72
	1RB-Low (0)	2687.5 (41565)	23.41	23.34	22.27	19.54
		2640.3(41093)	23.37	23.31	22.33	19.66
		2593 (40620)	23.42	23.41	22.33	19.63
		2545.8(40148)	23.36	23.37	22.22	19.52
		2498.5 (39675)	23.35	23.30	22.33	19.56
	12RB-High (13)	2687.5 (41565)	23.46	22.66	21.61	19.58
		2640.3(41093)	23.47	22.70	21.69	19.66
		2593 (40620)	23.48	22.74	21.67	19.56
		2545.8(40148)	23.45	22.68	21.62	19.74
		2498.5 (39675)	23.43	22.58	21.55	19.59
	12RB-Middle (6)	2687.5 (41565)	23.49	22.70	21.61	19.68
		2640.3(41093)	23.47	22.67	21.77	19.74
		2593 (40620)	23.52	22.67	21.59	19.78
		2545.8(40148)	23.49	22.64	21.74	19.73
		2498.5 (39675)	23.42	22.60	21.66	19.57
	12RB-Low (0)	2687.5 (41565)	23.50	22.69	21.80	19.55
		2640.3(41093)	23.50	22.74	21.69	19.78
		2593 (40620)	23.52	22.66	21.81	19.60
		2545.8(40148)	23.45	22.57	21.68	19.59
		2498.5 (39675)	23.41	22.60	21.58	19.64
25RB (0)	2687.5 (41565)	23.46	22.65	21.63	19.65	
	2640.3(41093)	23.46	22.71	21.68	19.74	
	2593 (40620)	23.48	22.68	21.66	19.68	
	2545.8(40148)	23.45	22.68	21.70	19.70	
	2498.5 (39675)	23.41	22.60	21.58	19.57	

10MHz	1RB-High (49)	2685 (41540)	23.38	23.34	22.17	19.59
		2639(41080)	23.41	23.36	22.35	19.91
		2593 (40620)	23.37	23.55	22.36	19.68
		2547(40160)	23.46	23.49	22.30	19.79
		2501 (39700)	23.31	23.40	22.21	19.66
	1RB-Middle (24)	2685 (41540)	23.49	23.35	22.24	19.64
		2639(41080)	23.47	23.41	22.32	19.72
		2593 (40620)	23.46	23.53	22.23	19.65
		2547(40160)	23.47	23.52	22.24	19.78
		2501 (39700)	23.34	23.33	22.23	19.58
	1RB-Low (0)	2685 (41540)	23.43	23.37	22.30	19.88
		2639(41080)	23.40	23.45	22.14	19.67
		2593 (40620)	23.42	23.36	22.33	19.86
		2547(40160)	23.37	23.55	22.39	19.74
		2501 (39700)	23.41	23.29	22.24	19.70
	25RB-High (25)	2685 (41540)	23.50	22.72	21.70	19.64
		2639(41080)	23.47	22.71	21.69	19.74
		2593 (40620)	23.46	22.69	21.72	19.65
		2547(40160)	23.48	22.69	21.72	19.73
		2501 (39700)	23.40	22.58	21.60	19.57
	25RB-Middle (12)	2685 (41540)	23.46	22.64	21.65	19.68
		2639(41080)	23.52	22.74	21.72	19.79
		2593 (40620)	23.53	22.71	21.70	19.78
		2547(40160)	23.52	22.74	21.71	19.74
		2501 (39700)	23.41	22.66	21.61	19.62
	25RB-Low (0)	2685 (41540)	23.46	22.63	21.67	19.64
		2639(41080)	23.43	22.62	21.64	19.67
		2593 (40620)	23.52	22.79	21.75	19.72
		2547(40160)	23.44	22.61	21.64	19.62
		2501 (39700)	23.44	22.58	21.58	19.52
50RB (0)	2685 (41540)	23.46	22.68	21.60	19.62	
	2639(41080)	23.53	22.71	21.68	19.73	
	2593 (40620)	23.51	22.73	21.70	19.68	
	2547(40160)	23.47	22.72	21.73	19.70	
	2501 (39700)	23.38	22.60	21.58	19.60	

15MHz	1RB-High (74)	2682.5 (41515)	23.36	23.17	22.17	19.56
		2637.8(41068)	23.42	23.17	22.16	19.73
		2593 (40620)	23.27	23.43	22.22	19.47
		2548.3(40173)	23.34	23.38	22.30	19.66
		2503.5 (39725)	23.11	23.05	21.88	19.24
	1RB-Middle (37)	2682.5 (41515)	23.25	23.27	22.15	19.59
		2637.8(41068)	23.26	23.39	22.14	19.67
		2593 (40620)	23.27	23.48	22.09	19.59
		2548.3(40173)	23.25	23.34	22.21	19.79
		2503.5 (39725)	23.15	23.31	21.86	19.25
	1RB-Low (0)	2682.5 (41515)	23.44	23.32	22.24	19.41
		2637.8(41068)	23.30	23.34	22.18	19.54
		2593 (40620)	23.32	23.40	22.28	19.52
		2548.3(40173)	23.20	23.18	22.29	19.36
		2503.5 (39725)	23.11	23.20	22.04	19.28
	36RB-High (38)	2682.5 (41515)	23.39	22.59	21.58	19.54
		2637.8(41068)	23.36	22.60	21.61	19.59
		2593 (40620)	23.34	22.58	21.58	19.50
		2548.3(40173)	23.40	22.59	21.61	19.65
		2503.5 (39725)	23.21	22.43	21.41	19.40
	36RB-Middle (19)	2682.5 (41515)	23.41	22.64	21.62	19.54
		2637.8(41068)	23.41	22.57	21.65	19.56
		2593 (40620)	23.37	22.56	21.54	19.55
		2548.3(40173)	23.37	22.55	21.59	19.58
		2503.5 (39725)	23.25	22.41	21.45	19.43
	36RB-Low (0)	2682.5 (41515)	23.36	22.61	21.58	19.48
		2637.8(41068)	23.32	22.55	21.52	19.54
		2593 (40620)	23.45	22.62	21.61	19.62
		2548.3(40173)	23.32	22.53	21.48	19.42
		2503.5 (39725)	23.23	22.44	21.48	19.42
75RB (0)	2682.5 (41515)	23.38	22.61	21.60	19.54	
	2637.8(41068)	23.41	22.57	21.55	19.56	
	2593 (40620)	23.43	22.60	21.58	19.55	
	2548.3(40173)	23.38	22.55	21.57	19.58	
	2503.5 (39725)	23.23	22.49	21.46	19.41	

20MHz	1RB-High (99)	2680 (41490)	23.45	23.24	22.16	19.47
		2636.5(41055)	23.46	23.35	22.24	19.41
		2593 (40620)	23.35	23.32	22.02	19.75
		2549.5(40185)	23.39	23.38	22.31	19.49
		2506 (39750)	23.15	23.34	22.03	19.34
	1RB-Middle (50)	2680 (41490)	23.30	23.38	22.32	19.34
		2636.5(41055)	23.26	23.30	22.36	19.75
		2593 (40620)	23.27	23.38	22.43	19.42
		2549.5(40185)	23.22	23.39	22.32	19.62
		2506 (39750)	23.14	23.33	22.36	19.47
	1RB-Low (0)	2680 (41490)	23.43	23.39	22.21	19.64
		2636.5(41055)	23.32	23.34	22.13	19.59
		2593 (40620)	23.42	23.42	22.27	19.65
		2549.5(40185)	23.20	23.11	22.14	19.50
		2506 (39750)	23.18	23.18	22.13	19.56
	50RB-High (50)	2680 (41490)	23.41	22.62	21.61	19.57
		2636.5(41055)	23.45	22.63	21.57	19.59
		2593 (40620)	23.37	22.60	21.62	19.55
		2549.5(40185)	23.39	22.59	21.58	19.60
		2506 (39750)	23.26	22.45	21.45	19.44
	50RB-Middle (25)	2680 (41490)	23.37	22.52	21.52	19.50
		2636.5(41055)	23.44	22.65	21.60	19.62
		2593 (40620)	23.40	22.62	21.60	19.55
		2549.5(40185)	23.41	22.58	21.62	19.57
		2506 (39750)	23.28	22.51	21.48	19.47
	50RB-Low (0)	2680 (41490)	23.43	22.61	21.64	19.58
		2636.5(41055)	23.45	22.66	21.64	19.64
		2593 (40620)	23.40	22.59	21.56	19.52
		2549.5(40185)	23.46	22.62	21.61	19.64
		2506 (39750)	23.29	22.46	21.52	19.44
100RB (0)	2680 (41490)	23.37	22.54	21.55	19.48	
	2636.5(41055)	23.47	22.64	21.59	19.58	
	2593 (40620)	23.42	22.61	21.59	19.56	
	2549.5(40185)	23.38	22.61	21.62	19.65	
	2506 (39750)	23.30	22.46	21.45	19.42	

LTE Band41 PC3(ANT1 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.08	22.98	21.84	19.65
		2640.3(41093)	23.07	23.00	21.95	19.45
		2593 (40620)	23.06	23.27	21.97	19.60
		2545.8(40148)	23.05	23.00	21.97	19.55
		2498.5 (39675)	23.00	23.13	21.96	19.36
	1RB-Middle (12)	2687.5 (41565)	23.11	23.21	21.96	19.81
		2640.3(41093)	23.18	23.31	22.07	19.81
		2593 (40620)	23.18	23.19	22.18	19.57
		2545.8(40148)	23.17	23.32	22.15	19.78
		2498.5 (39675)	23.21	23.22	22.03	19.61
	1RB-Low (0)	2687.5 (41565)	23.07	23.08	21.92	19.43
		2640.3(41093)	23.09	23.16	21.92	19.55
		2593 (40620)	23.12	23.31	21.99	19.52
		2545.8(40148)	23.07	23.15	21.96	19.41
		2498.5 (39675)	23.10	23.12	22.04	19.45
	12RB-High (13)	2687.5 (41565)	23.16	22.59	21.63	19.47
		2640.3(41093)	23.23	22.64	21.69	19.55
		2593 (40620)	23.16	22.64	21.61	19.45
		2545.8(40148)	23.13	22.66	21.61	19.63
		2498.5 (39675)	23.10	22.60	21.72	19.48
	12RB-Middle (6)	2687.5 (41565)	23.20	22.63	21.63	19.57
		2640.3(41093)	23.19	22.67	21.76	19.63
		2593 (40620)	23.17	22.70	21.70	19.67
		2545.8(40148)	23.21	22.82	21.67	19.62
		2498.5 (39675)	23.12	22.59	21.62	19.46
	12RB-Low (0)	2687.5 (41565)	23.13	22.70	21.68	19.44
		2640.3(41093)	23.18	22.73	21.68	19.67
		2593 (40620)	23.16	22.54	21.76	19.49
		2545.8(40148)	23.16	22.57	21.61	19.48
		2498.5 (39675)	23.10	22.65	21.60	19.53
25RB (0)	2687.5 (41565)	23.19	22.67	21.67	19.54	
	2640.3(41093)	23.17	22.72	21.69	19.63	
	2593 (40620)	23.15	22.63	21.66	19.57	
	2545.8(40148)	23.14	22.60	21.65	19.59	
	2498.5 (39675)	23.06	22.55	21.58	19.46	

10MHz	1RB-High (49)	2685 (41540)	23.00	23.09	22.01	19.48
		2639(41080)	23.06	22.98	22.11	19.80
		2593 (40620)	23.09	23.03	22.17	19.57
		2547(40160)	23.12	23.39	22.29	19.68
		2501 (39700)	22.99	23.06	21.97	19.55
	1RB-Middle (24)	2685 (41540)	23.22	23.09	22.08	19.53
		2639(41080)	23.12	23.00	22.13	19.61
		2593 (40620)	23.20	23.34	22.14	19.54
		2547(40160)	23.15	23.30	22.14	19.67
		2501 (39700)	23.00	23.27	21.93	19.47
	1RB-Low (0)	2685 (41540)	23.14	23.20	22.06	19.77
		2639(41080)	23.06	23.18	22.13	19.56
		2593 (40620)	23.18	23.19	22.20	19.75
		2547(40160)	23.04	23.18	22.07	19.63
		2501 (39700)	23.04	23.22	22.17	19.59
	25RB-High (25)	2685 (41540)	23.19	22.64	21.68	19.53
		2639(41080)	23.17	22.74	21.70	19.63
		2593 (40620)	23.16	22.70	21.71	19.54
		2547(40160)	23.18	22.70	21.73	19.62
		2501 (39700)	23.05	22.57	21.56	19.46
	25RB-Middle (12)	2685 (41540)	23.16	22.67	21.61	19.57
		2639(41080)	23.19	22.71	21.72	19.68
		2593 (40620)	23.19	22.70	21.69	19.67
		2547(40160)	23.19	22.74	21.71	19.63
		2501 (39700)	23.11	22.62	21.62	19.51
	25RB-Low (0)	2685 (41540)	23.15	22.63	21.66	19.53
		2639(41080)	23.13	22.61	21.63	19.56
		2593 (40620)	23.17	22.74	21.69	19.61
		2547(40160)	23.09	22.61	21.62	19.51
		2501 (39700)	23.07	22.58	21.63	19.41
50RB (0)	2685 (41540)	23.14	22.62	21.63	19.51	
	2639(41080)	23.22	22.69	21.72	19.62	
	2593 (40620)	23.16	22.67	21.67	19.57	
	2547(40160)	23.20	22.69	21.73	19.59	
	2501 (39700)	23.11	22.60	21.59	19.49	

15MHz	1RB-High (74)	2682.5 (41515)	23.10	22.85	21.74	19.45
		2637.8(41068)	23.03	22.99	21.83	19.62
		2593 (40620)	23.05	23.08	21.81	19.36
		2548.3(40173)	23.21	23.05	22.02	19.55
		2503.5 (39725)	22.75	22.71	21.75	19.13
	1RB-Middle (37)	2682.5 (41515)	22.90	22.93	21.78	19.48
		2637.8(41068)	22.91	22.92	21.70	19.56
		2593 (40620)	22.94	23.23	21.92	19.48
		2548.3(40173)	22.95	23.02	22.00	19.68
		2503.5 (39725)	22.88	23.07	21.81	19.14
	1RB-Low (0)	2682.5 (41515)	22.98	23.06	21.89	19.30
		2637.8(41068)	22.96	22.95	21.82	19.43
		2593 (40620)	22.96	23.08	21.98	19.41
		2548.3(40173)	22.90	23.21	21.86	19.25
		2503.5 (39725)	22.81	22.93	21.61	19.17
	36RB-High (38)	2682.5 (41515)	23.03	22.57	21.56	19.43
		2637.8(41068)	23.03	22.55	21.60	19.48
		2593 (40620)	22.99	22.49	21.52	19.39
		2548.3(40173)	23.08	22.58	21.57	19.54
		2503.5 (39725)	22.88	22.40	21.38	19.29
	36RB-Middle (19)	2682.5 (41515)	23.09	22.61	21.59	19.43
		2637.8(41068)	23.04	22.60	21.60	19.45
		2593 (40620)	23.00	22.54	21.54	19.44
		2548.3(40173)	23.06	22.57	21.57	19.47
		2503.5 (39725)	22.90	22.44	21.45	19.32
	36RB-Low (0)	2682.5 (41515)	23.07	22.57	21.59	19.37
		2637.8(41068)	23.00	22.49	21.51	19.43
		2593 (40620)	23.09	22.59	21.59	19.51
		2548.3(40173)	22.99	22.50	21.48	19.31
		2503.5 (39725)	22.91	22.44	21.45	19.31
75RB (0)	2682.5 (41515)	23.09	22.61	21.59	19.43	
	2637.8(41068)	23.10	22.57	21.63	19.45	
	2593 (40620)	23.04	22.56	21.54	19.44	
	2548.3(40173)	23.05	22.57	21.58	19.47	
	2503.5 (39725)	22.89	22.42	21.46	19.30	

20MHz	1RB-High (99)	2680 (41490)	23.02	22.88	21.76	19.36
		2636.5(41055)	23.03	22.83	21.87	19.30
		2593 (40620)	22.97	22.99	21.89	19.64
		2549.5(40185)	22.94	23.04	21.88	19.38
		2506 (39750)	22.85	23.04	21.84	19.23
	1RB-Middle (50)	2680 (41490)	23.12	23.19	21.88	19.23
		2636.5(41055)	22.96	22.97	22.01	19.64
		2593 (40620)	22.97	23.43	21.99	19.31
		2549.5(40185)	22.92	23.20	22.08	19.51
		2506 (39750)	22.93	22.91	21.87	19.36
	1RB-Low (0)	2680 (41490)	23.15	23.05	22.01	19.53
		2636.5(41055)	23.16	22.94	21.97	19.48
		2593 (40620)	23.05	23.32	22.04	19.54
		2549.5(40185)	22.99	22.99	22.08	19.39
		2506 (39750)	22.81	22.91	21.85	19.45
	50RB-High (50)	2680 (41490)	23.08	22.54	21.56	19.46
		2636.5(41055)	23.08	22.60	21.59	19.48
		2593 (40620)	23.01	22.53	21.46	19.44
		2549.5(40185)	23.08	22.54	21.54	19.49
		2506 (39750)	22.89	22.43	21.41	19.33
	50RB-Middle (25)	2680 (41490)	23.01	22.45	21.53	19.39
		2636.5(41055)	23.11	22.56	21.57	19.51
		2593 (40620)	23.09	22.55	21.54	19.44
		2549.5(40185)	23.06	22.56	21.57	19.46
		2506 (39750)	22.92	22.43	21.45	19.36
	50RB-Low (0)	2680 (41490)	23.08	22.57	21.55	19.47
		2636.5(41055)	23.07	22.61	21.57	19.53
		2593 (40620)	23.03	22.54	21.54	19.41
		2549.5(40185)	23.10	22.52	21.56	19.53
		2506 (39750)	22.95	22.43	21.42	19.33
100RB (0)	2680 (41490)	23.00	22.56	21.53	19.37	
	2636.5(41055)	23.07	22.59	21.62	19.47	
	2593 (40620)	23.04	22.56	21.56	19.45	
	2549.5(40185)	23.07	22.55	21.56	19.54	
	2506 (39750)	22.91	22.43	21.46	19.31	

LTE Band41 PC3(ANT1 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	16.97	17.21	17.00	17.18
		2640.3(41093)	17.05	17.03	17.01	17.00
		2593 (40620)	17.05	17.16	16.84	17.13
		2545.8(40148)	17.00	17.12	16.96	17.09
		2498.5 (39675)	16.95	16.95	16.87	16.92
	1RB-Middle (12)	2687.5 (41565)	17.17	17.35	17.13	17.32
		2640.3(41093)	17.19	17.35	17.09	17.32
		2593 (40620)	17.12	17.14	17.16	17.11
		2545.8(40148)	17.14	17.32	17.00	17.29
		2498.5 (39675)	17.00	17.17	16.97	17.14
	1RB-Low (0)	2687.5 (41565)	17.15	17.01	17.07	16.98
		2640.3(41093)	17.10	17.12	16.94	17.09
		2593 (40620)	17.02	17.09	16.95	17.06
		2545.8(40148)	17.02	17.00	16.97	16.97
		2498.5 (39675)	16.97	17.03	16.94	17.00
	12RB-High (13)	2687.5 (41565)	17.10	17.05	17.17	17.02
		2640.3(41093)	17.15	17.12	17.11	17.09
		2593 (40620)	17.13	17.03	17.10	17.00
		2545.8(40148)	17.11	17.19	17.13	17.16
		2498.5 (39675)	17.05	17.06	17.09	17.03
	12RB-Middle (6)	2687.5 (41565)	17.15	17.14	17.10	17.11
		2640.3(41093)	17.18	17.19	17.21	17.16
		2593 (40620)	17.14	17.22	17.09	17.19
		2545.8(40148)	17.12	17.18	17.26	17.15
		2498.5 (39675)	17.04	17.04	17.11	17.01
	12RB-Low (0)	2687.5 (41565)	17.10	17.02	17.20	16.99
		2640.3(41093)	17.12	17.22	17.24	17.19
		2593 (40620)	17.13	17.07	17.15	17.04
		2545.8(40148)	17.09	17.06	17.17	17.03
		2498.5 (39675)	17.08	17.10	17.05	17.07
25RB (0)	2687.5 (41565)	17.12	17.11	17.13	17.08	
	2640.3(41093)	17.12	17.19	17.13	17.16	
	2593 (40620)	17.10	17.14	17.10	17.11	
	2545.8(40148)	17.08	17.15	17.13	17.12	
	2498.5 (39675)	17.05	17.04	17.04	17.01	

10MHz	1RB-High (49)	2685 (41540)	16.99	17.06	17.12	17.03
		2639(41080)	17.07	17.34	17.17	17.31
		2593 (40620)	17.08	17.14	17.06	17.11
		2547(40160)	17.08	17.23	17.11	17.20
		2501 (39700)	16.90	17.12	17.09	17.09
	1RB-Middle (24)	2685 (41540)	17.11	17.10	17.12	17.07
		2639(41080)	17.10	17.17	17.11	17.14
		2593 (40620)	17.13	17.11	17.10	17.08
		2547(40160)	17.16	17.22	17.15	17.19
		2501 (39700)	16.98	17.05	17.01	17.02
	1RB-Low (0)	2685 (41540)	17.13	17.31	17.15	17.28
		2639(41080)	17.04	17.13	17.13	17.10
		2593 (40620)	17.04	17.29	17.07	17.26
		2547(40160)	17.03	17.19	17.03	17.16
		2501 (39700)	16.95	17.15	17.10	17.12
	25RB-High (25)	2685 (41540)	17.15	17.10	17.16	17.07
		2639(41080)	17.12	17.19	17.22	17.16
		2593 (40620)	17.14	17.11	17.14	17.08
		2547(40160)	17.15	17.18	17.17	17.15
		2501 (39700)	17.02	17.04	17.06	17.01
	25RB-Middle (12)	2685 (41540)	17.11	17.14	17.18	17.11
		2639(41080)	17.15	17.23	17.21	17.20
		2593 (40620)	17.17	17.22	17.17	17.19
		2547(40160)	17.14	17.19	17.19	17.16
		2501 (39700)	17.05	17.08	17.08	17.05
	25RB-Low (0)	2685 (41540)	17.12	17.10	17.14	17.07
		2639(41080)	17.08	17.13	17.10	17.10
		2593 (40620)	17.13	17.17	17.14	17.14
		2547(40160)	17.05	17.08	17.06	17.05
		2501 (39700)	17.05	17.00	17.06	16.97
50RB (0)	2685 (41540)	17.07	17.08	17.11	17.05	
	2639(41080)	17.15	17.18	17.18	17.15	
	2593 (40620)	17.14	17.14	17.12	17.11	
	2547(40160)	17.13	17.15	17.14	17.12	
	2501 (39700)	17.05	17.07	17.04	17.04	

15MHz	1RB-High (74)	2682.5 (41515)	17.03	17.03	16.97	17.00
		2637.8(41068)	16.88	17.18	16.91	17.15
		2593 (40620)	16.94	16.95	16.92	16.92
		2548.3(40173)	16.94	17.12	17.08	17.09
		2503.5 (39725)	16.69	16.75	16.76	16.72
	1RB-Middle (37)	2682.5 (41515)	17.01	17.06	17.21	17.03
		2637.8(41068)	16.92	17.13	17.00	17.10
		2593 (40620)	16.87	17.06	16.83	17.03
		2548.3(40173)	16.88	17.23	16.95	17.20
		2503.5 (39725)	16.71	16.76	16.69	16.73
	1RB-Low (0)	2682.5 (41515)	17.25	16.90	16.99	16.87
		2637.8(41068)	16.96	17.01	17.00	16.98
		2593 (40620)	16.98	17.00	16.92	16.97
		2548.3(40173)	16.93	16.86	16.93	16.83
		2503.5 (39725)	16.76	16.79	16.80	16.76
	36RB-High (38)	2682.5 (41515)	17.02	17.01	16.97	16.98
		2637.8(41068)	17.01	17.06	17.03	17.03
		2593 (40620)	16.96	16.98	16.98	16.95
		2548.3(40173)	17.04	17.11	17.07	17.08
		2503.5 (39725)	16.88	16.89	16.89	16.86
	36RB-Middle (19)	2682.5 (41515)	17.03	17.01	16.97	16.98
		2637.8(41068)	17.04	17.03	17.00	17.00
		2593 (40620)	17.03	17.02	17.06	16.99
		2548.3(40173)	17.05	17.05	17.02	17.02
		2503.5 (39725)	16.86	16.92	16.92	16.89
	36RB-Low (0)	2682.5 (41515)	16.99	16.96	16.97	16.93
		2637.8(41068)	16.98	17.01	16.98	16.98
		2593 (40620)	17.04	17.08	17.02	17.05
		2548.3(40173)	16.94	16.91	16.96	16.88
		2503.5 (39725)	16.90	16.91	16.93	16.88
75RB (0)	2682.5 (41515)	17.02	17.01	17.03	16.98	
	2637.8(41068)	17.03	17.03	17.00	17.00	
	2593 (40620)	17.03	17.02	17.02	16.99	
	2548.3(40173)	17.00	17.05	17.04	17.02	
	2503.5 (39725)	16.89	16.90	16.95	16.87	

20MHz	1RB-High (99)	2680 (41490)	16.94	16.95	16.90	16.92
		2636.5(41055)	16.94	16.90	17.13	16.87
		2593 (40620)	17.03	17.20	16.81	17.17
		2549.5(40185)	16.85	16.97	16.90	16.94
		2506 (39750)	16.81	16.84	16.78	16.81
	1RB-Middle (50)	2680 (41490)	16.97	16.84	16.99	16.81
		2636.5(41055)	17.09	17.20	17.03	17.17
		2593 (40620)	16.93	16.91	16.89	16.88
		2549.5(40185)	16.91	17.08	17.09	17.05
		2506 (39750)	16.87	16.95	16.88	16.92
	1RB-Low (0)	2680 (41490)	17.09	17.10	17.15	17.07
		2636.5(41055)	17.01	17.06	17.08	17.03
		2593 (40620)	16.98	17.11	17.09	17.08
		2549.5(40185)	16.96	16.98	16.76	16.95
		2506 (39750)	16.79	17.03	16.69	17.00
	50RB-High (50)	2680 (41490)	17.03	17.04	17.07	17.01
		2636.5(41055)	17.03	17.06	17.04	17.03
		2593 (40620)	16.99	17.02	17.02	16.99
		2549.5(40185)	17.03	17.07	17.06	17.04
		2506 (39750)	16.93	16.93	16.91	16.90
	50RB-Middle (25)	2680 (41490)	17.01	16.98	16.98	16.95
		2636.5(41055)	17.03	17.08	17.06	17.05
		2593 (40620)	17.01	17.02	17.04	16.99
		2549.5(40185)	17.08	17.04	17.02	17.01
		2506 (39750)	16.90	16.95	16.95	16.92
	50RB-Low (0)	2680 (41490)	17.04	17.05	16.99	17.02
		2636.5(41055)	17.11	17.10	17.01	17.07
		2593 (40620)	17.00	17.00	17.00	16.97
		2549.5(40185)	17.05	17.10	17.09	17.07
		2506 (39750)	16.88	16.93	16.92	16.90
100RB (0)	2680 (41490)	17.02	16.96	16.96	16.93	
	2636.5(41055)	17.03	17.05	17.05	17.02	
	2593 (40620)	17.05	17.03	17.05	17.00	
	2549.5(40185)	17.05	17.11	17.03	17.08	
	2506 (39750)	16.90	16.91	16.91	16.88	

LTE Band41 PC3(ANT2 DSI 1_3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	21.65	21.58	20.49	17.66
		2640.3(41093)	21.64	21.34	20.20	17.48
		2593 (40620)	21.57	21.52	20.44	17.61
		2545.8(40148)	21.53	21.37	20.24	17.57
		2498.5 (39675)	21.56	21.43	20.30	17.40
	1RB-Middle (12)	2687.5 (41565)	21.76	21.71	20.64	17.81
		2640.3(41093)	21.68	21.51	20.54	17.81
		2593 (40620)	21.74	21.66	20.53	17.59
		2545.8(40148)	21.62	21.60	20.35	17.77
		2498.5 (39675)	21.66	21.61	20.67	17.62
	1RB-Low (0)	2687.5 (41565)	21.68	21.57	20.46	17.46
		2640.3(41093)	21.61	21.42	20.45	17.57
		2593 (40620)	21.64	21.37	20.48	17.54
		2545.8(40148)	21.53	21.45	20.29	17.44
		2498.5 (39675)	21.60	21.41	20.36	17.48
	12RB-High (13)	2687.5 (41565)	21.52	20.65	19.74	17.50
		2640.3(41093)	21.49	20.46	19.56	17.57
		2593 (40620)	21.62	20.53	19.63	17.48
		2545.8(40148)	21.38	20.33	19.47	17.64
		2498.5 (39675)	21.37	20.50	19.54	17.51
	12RB-Middle (6)	2687.5 (41565)	21.48	20.66	19.75	17.59
		2640.3(41093)	21.54	20.53	19.47	17.64
		2593 (40620)	21.48	20.49	19.48	17.68
		2545.8(40148)	21.42	20.38	19.53	17.63
		2498.5 (39675)	21.41	20.40	19.43	17.49
	12RB-Low (0)	2687.5 (41565)	21.49	20.69	19.76	17.47
		2640.3(41093)	21.38	20.37	19.40	17.68
		2593 (40620)	21.47	20.49	19.62	17.52
		2545.8(40148)	21.38	20.31	19.49	17.51
		2498.5 (39675)	21.39	20.49	19.35	17.55
25RB (0)	2687.5 (41565)	21.50	20.67	19.76	17.56	
	2640.3(41093)	21.44	20.50	19.52	17.64	
	2593 (40620)	21.50	20.54	19.59	17.59	
	2545.8(40148)	21.38	20.34	19.44	17.61	
	2498.5 (39675)	21.39	20.44	19.45	17.49	

10MHz	1RB-High (49)	2685 (41540)	21.82	21.57	20.54	17.51
		2639(41080)	21.60	21.42	20.36	17.79
		2593 (40620)	21.69	21.48	20.53	17.59
		2547(40160)	21.48	21.42	20.37	17.69
		2501 (39700)	21.53	21.56	20.45	17.57
	1RB-Middle (24)	2685 (41540)	21.90	21.55	20.54	17.55
		2639(41080)	21.63	21.35	20.47	17.62
		2593 (40620)	21.72	21.68	20.65	17.56
		2547(40160)	21.48	21.37	20.37	17.68
		2501 (39700)	21.56	21.48	20.46	17.50
	1RB-Low (0)	2685 (41540)	21.82	21.72	20.59	17.77
		2639(41080)	21.54	21.35	20.37	17.58
		2593 (40620)	21.65	21.54	20.60	17.75
		2547(40160)	21.52	21.38	20.48	17.64
		2501 (39700)	21.58	21.43	20.25	17.61
	25RB-High (25)	2685 (41540)	21.66	20.71	19.77	17.55
		2639(41080)	21.46	20.45	19.48	17.64
		2593 (40620)	21.60	20.61	19.63	17.56
		2547(40160)	21.39	20.41	19.41	17.63
		2501 (39700)	21.37	20.47	19.43	17.49
	25RB-Middle (12)	2685 (41540)	21.66	20.65	19.71	17.59
		2639(41080)	21.49	20.53	19.55	17.69
		2593 (40620)	21.46	20.54	19.53	17.68
		2547(40160)	21.39	20.43	19.46	17.64
		2501 (39700)	21.43	20.46	19.49	17.53
	25RB-Low (0)	2685 (41540)	21.64	20.64	19.71	17.55
		2639(41080)	21.38	20.39	19.44	17.58
		2593 (40620)	21.60	20.50	19.55	17.62
		2547(40160)	21.40	20.40	19.45	17.53
		2501 (39700)	21.42	20.41	19.43	17.44
	50RB (0)	2685 (41540)	21.63	20.67	19.69	17.53
		2639(41080)	21.49	20.47	19.54	17.63
2593 (40620)		21.56	20.59	19.62	17.59	
2547(40160)		21.42	20.37	19.43	17.61	
2501 (39700)		21.43	20.36	19.49	17.52	

15MHz	1RB-High (74)	2682.5 (41515)	21.66	21.46	20.30	17.48
		2637.8(41068)	21.64	21.31	20.19	17.63
		2593 (40620)	21.60	21.40	20.34	17.40
		2548.3(40173)	21.42	21.25	20.31	17.57
		2503.5 (39725)	21.45	21.31	20.13	17.19
	1RB-Middle (37)	2682.5 (41515)	21.65	21.48	20.40	17.51
		2637.8(41068)	21.45	21.31	20.18	17.58
		2593 (40620)	21.53	21.57	20.40	17.51
		2548.3(40173)	21.38	21.27	20.23	17.69
		2503.5 (39725)	21.44	21.33	20.12	17.20
	1RB-Low (0)	2682.5 (41515)	21.78	21.50	20.40	17.35
		2637.8(41068)	21.44	21.39	20.36	17.46
		2593 (40620)	21.50	21.49	20.32	17.44
		2548.3(40173)	21.32	21.33	20.45	17.30
		2503.5 (39725)	21.35	21.19	20.24	17.23
	36RB-High (38)	2682.5 (41515)	21.53	20.59	19.60	17.46
		2637.8(41068)	21.33	20.33	19.37	17.51
		2593 (40620)	21.42	20.38	19.53	17.43
		2548.3(40173)	21.22	20.29	19.33	17.56
		2503.5 (39725)	21.29	20.29	19.31	17.34
	36RB-Middle (19)	2682.5 (41515)	21.45	20.45	19.50	17.46
		2637.8(41068)	21.35	20.29	19.36	17.48
		2593 (40620)	21.38	20.34	19.38	17.47
		2548.3(40173)	21.26	20.29	19.27	17.50
		2503.5 (39725)	21.26	20.22	19.36	17.36
	36RB-Low (0)	2682.5 (41515)	21.47	20.48	19.55	17.41
		2637.8(41068)	21.32	20.28	19.34	17.46
		2593 (40620)	21.39	20.39	19.40	17.53
		2548.3(40173)	21.21	20.16	19.29	17.35
		2503.5 (39725)	21.28	20.25	19.33	17.35
75RB (0)	2682.5 (41515)	21.48	20.50	19.53	17.46	
	2637.8(41068)	21.34	20.36	19.38	17.48	
	2593 (40620)	21.45	20.42	19.46	17.47	
	2548.3(40173)	21.26	20.27	19.35	17.50	
	2503.5 (39725)	21.29	20.27	19.32	17.35	

20MHz	1RB-High (99)	2680 (41490)	21.69	21.46	20.29	17.40
		2636.5(41055)	21.58	21.42	20.36	17.35
		2593 (40620)	21.50	21.47	20.37	17.65
		2549.5(40185)	21.28	21.10	19.96	17.42
		2506 (39750)	21.30	21.37	20.27	17.28
	1RB-Middle (50)	2680 (41490)	21.73	21.89	20.42	17.28
		2636.5(41055)	21.40	21.39	20.20	17.65
		2593 (40620)	21.60	21.54	20.31	17.35
		2549.5(40185)	21.31	21.23	20.36	17.53
		2506 (39750)	21.38	21.56	20.10	17.40
	1RB-Low (0)	2680 (41490)	21.81	21.42	20.47	17.55
		2636.5(41055)	21.54	21.28	20.30	17.51
		2593 (40620)	21.54	21.49	20.32	17.56
		2549.5(40185)	21.35	21.29	20.15	17.43
		2506 (39750)	21.46	21.27	20.16	17.48
	50RB-High (50)	2680 (41490)	21.55	20.52	19.53	17.49
		2636.5(41055)	21.35	20.34	19.33	17.51
		2593 (40620)	21.43	20.42	19.41	17.47
		2549.5(40185)	21.24	20.26	19.26	17.52
		2506 (39750)	21.30	20.31	19.30	17.37
	50RB-Middle (25)	2680 (41490)	21.49	20.47	19.50	17.43
		2636.5(41055)	21.35	20.35	19.40	17.53
		2593 (40620)	21.43	20.48	19.46	17.47
		2549.5(40185)	21.29	20.30	19.32	17.49
		2506 (39750)	21.31	20.34	19.33	17.40
	50RB-Low (0)	2680 (41490)	21.50	20.53	19.50	17.50
		2636.5(41055)	21.31	20.29	19.29	17.55
		2593 (40620)	21.40	20.36	19.34	17.44
2549.5(40185)		21.22	20.20	19.21	17.55	
2506 (39750)		21.25	20.24	19.25	17.37	
100RB (0)	2680 (41490)	21.47	20.49	19.47	17.41	
	2636.5(41055)	21.37	20.37	19.34	17.50	
	2593 (40620)	21.41	20.46	19.44	17.48	
	2549.5(40185)	21.32	20.27	19.26	17.56	
	2506 (39750)	21.32	20.30	19.29	17.35	

LTE Band41 PC3(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	15.78	15.83	15.80	15.80
		2640.3(41093)	15.56	15.61	15.62	15.63
		2593 (40620)	15.66	15.69	15.61	15.75
		2545.8(40148)	15.56	15.65	15.40	15.72
		2498.5 (39675)	15.60	15.39	15.56	15.56
	1RB-Middle (12)	2687.5 (41565)	15.87	15.97	15.91	15.93
		2640.3(41093)	15.65	15.61	15.73	15.93
		2593 (40620)	15.69	15.93	15.76	15.73
		2545.8(40148)	15.65	15.81	15.54	15.90
		2498.5 (39675)	15.53	15.59	15.62	15.76
	1RB-Low (0)	2687.5 (41565)	15.78	15.83	15.77	15.62
		2640.3(41093)	15.56	15.59	15.52	15.72
		2593 (40620)	15.64	15.63	15.61	15.69
		2545.8(40148)	15.44	15.68	15.59	15.61
		2498.5 (39675)	15.54	15.66	15.54	15.63
	12RB-High (13)	2687.5 (41565)	15.87	15.92	15.87	15.65
		2640.3(41093)	15.65	15.57	15.68	15.72
		2593 (40620)	15.72	15.78	15.77	15.63
		2545.8(40148)	15.55	15.61	15.54	15.78
		2498.5 (39675)	15.57	15.58	15.60	15.66
	12RB-Middle (6)	2687.5 (41565)	15.85	15.88	15.79	15.73
		2640.3(41093)	15.72	15.65	15.65	15.78
		2593 (40620)	15.64	15.69	15.72	15.81
		2545.8(40148)	15.62	15.59	15.59	15.77
		2498.5 (39675)	15.60	15.61	15.72	15.64
	12RB-Low (0)	2687.5 (41565)	15.85	15.90	15.98	15.62
		2640.3(41093)	15.57	15.48	15.59	15.81
		2593 (40620)	15.62	15.60	15.63	15.67
		2545.8(40148)	15.58	15.57	15.59	15.66
		2498.5 (39675)	15.61	15.63	15.61	15.70
	25RB (0)	2687.5 (41565)	15.89	15.91	15.87	15.71
		2640.3(41093)	15.67	15.70	15.67	15.78
2593 (40620)		15.70	15.72	15.76	15.73	
2545.8(40148)		15.53	15.62	15.59	15.74	
2498.5 (39675)		15.59	15.64	15.63	15.64	

10MHz	1RB-High (49)	2685 (41540)	15.76	15.84	15.81	15.66
		2639(41080)	15.55	15.52	15.51	15.92
		2593 (40620)	15.65	15.70	15.56	15.73
		2547(40160)	15.52	15.40	15.49	15.82
		2501 (39700)	15.58	15.55	15.49	15.72
	1RB-Middle (24)	2685 (41540)	15.84	15.96	15.89	15.70
		2639(41080)	15.61	15.75	15.60	15.76
		2593 (40620)	15.72	15.75	15.61	15.71
		2547(40160)	15.57	15.60	15.53	15.81
		2501 (39700)	15.57	15.54	15.51	15.65
	1RB-Low (0)	2685 (41540)	15.84	15.81	15.79	15.89
		2639(41080)	15.63	15.71	15.56	15.73
		2593 (40620)	15.62	15.53	15.61	15.87
		2547(40160)	15.57	15.47	15.57	15.78
		2501 (39700)	15.55	15.60	15.52	15.74
	25RB-High (25)	2685 (41540)	15.88	15.91	15.89	15.70
		2639(41080)	15.65	15.71	15.67	15.78
		2593 (40620)	15.70	15.80	15.74	15.71
		2547(40160)	15.58	15.58	15.57	15.77
		2501 (39700)	15.60	15.66	15.66	15.64
	25RB-Middle (12)	2685 (41540)	15.82	15.86	15.86	15.73
		2639(41080)	15.69	15.71	15.69	15.82
		2593 (40620)	15.69	15.67	15.67	15.81
		2547(40160)	15.63	15.64	15.63	15.78
		2501 (39700)	15.60	15.64	15.61	15.68
	25RB-Low (0)	2685 (41540)	15.84	15.85	15.86	15.70
		2639(41080)	15.60	15.58	15.66	15.73
		2593 (40620)	15.66	15.67	15.70	15.76
		2547(40160)	15.61	15.64	15.62	15.68
		2501 (39700)	15.63	15.60	15.65	15.61
50RB (0)	2685 (41540)	15.84	15.84	15.82	15.68	
	2639(41080)	15.70	15.70	15.70	15.77	
	2593 (40620)	15.73	15.75	15.76	15.73	
	2547(40160)	15.62	15.64	15.59	15.74	
	2501 (39700)	15.58	15.60	15.62	15.67	

15MHz	1RB-High (74)	2682.5 (41515)	15.83	15.73	15.69	15.63
		2637.8(41068)	15.49	15.61	15.48	15.77
		2593 (40620)	15.57	15.72	15.53	15.56
		2548.3(40173)	15.51	15.55	15.32	15.72
		2503.5 (39725)	15.37	15.43	15.22	15.38
	1RB-Middle (37)	2682.5 (41515)	15.62	15.74	15.70	15.66
		2637.8(41068)	15.47	15.56	15.44	15.73
		2593 (40620)	15.50	15.77	15.37	15.66
		2548.3(40173)	15.34	15.45	15.35	15.82
		2503.5 (39725)	15.52	15.39	15.26	15.39
	1RB-Low (0)	2682.5 (41515)	15.63	15.71	15.62	15.51
		2637.8(41068)	15.49	15.48	15.50	15.62
		2593 (40620)	15.53	15.61	15.59	15.61
		2548.3(40173)	15.39	15.46	15.39	15.48
		2503.5 (39725)	15.37	15.52	15.26	15.41
	36RB-High (38)	2682.5 (41515)	15.72	15.79	15.79	15.62
		2637.8(41068)	15.51	15.52	15.58	15.66
		2593 (40620)	15.60	15.64	15.64	15.59
		2548.3(40173)	15.48	15.53	15.48	15.71
		2503.5 (39725)	15.48	15.52	15.53	15.50
	36RB-Middle (19)	2682.5 (41515)	15.62	15.70	15.71	15.62
		2637.8(41068)	15.55	15.54	15.58	15.63
		2593 (40620)	15.52	15.59	15.55	15.62
		2548.3(40173)	15.47	15.50	15.45	15.65
		2503.5 (39725)	15.46	15.51	15.53	15.53
	36RB-Low (0)	2682.5 (41515)	15.66	15.72	15.69	15.57
		2637.8(41068)	15.49	15.52	15.52	15.62
		2593 (40620)	15.54	15.58	15.58	15.68
		2548.3(40173)	15.42	15.43	15.45	15.52
		2503.5 (39725)	15.47	15.48	15.49	15.52
75RB (0)	2682.5 (41515)	15.65	15.69	15.72	15.62	
	2637.8(41068)	15.55	15.54	15.57	15.63	
	2593 (40620)	15.57	15.61	15.63	15.62	
	2548.3(40173)	15.49	15.49	15.49	15.65	
	2503.5 (39725)	15.46	15.48	15.49	15.51	

20MHz	1RB-High (99)	2680 (41490)	15.64	15.87	15.69	15.56
		2636.5(41055)	15.50	15.51	15.52	15.51
		2593 (40620)	15.54	15.57	15.52	15.79
		2549.5(40185)	15.31	15.49	15.41	15.58
		2506 (39750)	15.35	15.41	15.39	15.46
	1RB-Middle (50)	2680 (41490)	15.65	16.06	15.79	15.46
		2636.5(41055)	15.46	15.66	15.52	15.79
		2593 (40620)	15.60	15.59	15.48	15.52
		2549.5(40185)	15.40	15.49	15.48	15.68
		2506 (39750)	15.38	15.45	15.38	15.56
	1RB-Low (0)	2680 (41490)	15.71	15.72	15.66	15.70
		2636.5(41055)	15.59	15.63	15.54	15.66
		2593 (40620)	15.60	15.67	15.58	15.71
		2549.5(40185)	15.40	15.45	15.41	15.59
		2506 (39750)	15.37	15.36	15.33	15.63
	50RB-High (50)	2680 (41490)	15.74	15.76	15.78	15.64
		2636.5(41055)	15.55	15.54	15.56	15.66
		2593 (40620)	15.60	15.61	15.62	15.62
		2549.5(40185)	15.50	15.48	15.47	15.67
		2506 (39750)	15.49	15.55	15.45	15.54
	50RB-Middle (25)	2680 (41490)	15.73	15.72	15.71	15.59
		2636.5(41055)	15.56	15.62	15.54	15.68
		2593 (40620)	15.62	15.65	15.66	15.62
		2549.5(40185)	15.50	15.57	15.52	15.64
		2506 (39750)	15.49	15.52	15.51	15.56
	50RB-Low (0)	2680 (41490)	15.72	15.73	15.76	15.65
		2636.5(41055)	15.52	15.55	15.55	15.70
		2593 (40620)	15.57	15.60	15.59	15.61
2549.5(40185)		15.44	15.52	15.50	15.70	
2506 (39750)		15.47	15.44	15.46	15.54	
100RB (0)	2680 (41490)	15.70	15.71	15.70	15.57	
	2636.5(41055)	15.59	15.62	15.61	15.65	
	2593 (40620)	15.62	15.68	15.65	15.63	
	2549.5(40185)	15.48	15.52	15.50	15.71	
	2506 (39750)	15.50	15.53	15.50	15.52	

LTE Band41 PC3(ANT8 DSI 1_3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	18.95	18.02	17.00	13.81
		2640.3(41093)	18.74	17.82	16.79	13.55
		2593 (40620)	18.85	17.87	16.90	13.59
		2545.8(40148)	18.60	17.60	16.68	13.59
		2498.5 (39675)	18.19	17.24	16.17	13.55
	1RB-Middle (12)	2687.5 (41565)	19.05	18.09	17.06	13.80
		2640.3(41093)	18.85	17.97	16.97	13.62
		2593 (40620)	18.96	17.93	16.83	13.85
		2545.8(40148)	18.63	17.76	16.82	13.53
		2498.5 (39675)	18.11	17.19	16.12	13.56
	1RB-Low (0)	2687.5 (41565)	19.02	17.95	16.99	13.69
		2640.3(41093)	18.73	17.84	16.75	13.82
		2593 (40620)	18.88	17.92	16.95	13.61
		2545.8(40148)	18.46	17.63	16.73	13.52
		2498.5 (39675)	18.47	17.64	16.58	13.64
	12RB-High (13)	2687.5 (41565)	18.16	17.16	16.10	13.95
		2640.3(41093)	17.89	16.96	15.93	13.83
		2593 (40620)	17.90	16.85	16.00	13.87
		2545.8(40148)	17.63	16.60	15.56	13.55
		2498.5 (39675)	17.20	16.26	15.22	13.74
	12RB-Middle (6)	2687.5 (41565)	18.20	17.19	16.10	13.87
		2640.3(41093)	17.92	16.92	15.98	13.79
		2593 (40620)	17.84	16.93	15.87	13.95
		2545.8(40148)	17.66	16.74	15.66	13.77
		2498.5 (39675)	17.07	16.10	15.10	13.53
	12RB-Low (0)	2687.5 (41565)	18.16	17.15	16.14	13.85
		2640.3(41093)	17.79	16.83	15.79	13.74
		2593 (40620)	17.82	16.80	15.97	13.67
		2545.8(40148)	17.58	16.58	15.71	13.61
		2498.5 (39675)	17.59	16.69	15.98	13.77
25RB (0)	2687.5 (41565)	18.15	17.14	16.11	13.90	
	2640.3(41093)	17.88	16.91	15.92	13.81	
	2593 (40620)	17.93	16.92	15.89	13.81	
	2545.8(40148)	17.63	16.60	15.64	13.65	
	2498.5 (39675)	17.06	16.10	15.07	13.68	

10MHz	1RB-High (49)	2685 (41540)	19.06	18.16	16.94	13.79
		2639(41080)	18.75	17.75	16.59	13.74
		2593 (40620)	18.79	17.84	16.78	13.69
		2547(40160)	18.56	17.68	16.60	13.46
		2501 (39700)	18.41	17.52	16.28	13.65
	1RB-Middle (24)	2685 (41540)	19.14	18.04	17.17	13.94
		2639(41080)	18.80	17.81	16.71	13.78
		2593 (40620)	18.89	18.09	16.91	13.83
		2547(40160)	18.68	17.54	16.70	13.62
		2501 (39700)	18.22	17.34	16.04	13.67
	1RB-Low (0)	2685 (41540)	19.12	18.10	17.10	13.73
		2639(41080)	18.82	17.96	16.82	13.69
		2593 (40620)	18.84	17.89	16.87	13.78
		2547(40160)	18.57	17.67	16.62	13.51
		2501 (39700)	18.29	17.07	16.69	13.65
	25RB-High (25)	2685 (41540)	18.20	17.17	16.14	13.92
		2639(41080)	17.91	16.92	15.92	13.84
		2593 (40620)	17.90	16.92	15.90	13.79
		2547(40160)	17.66	16.67	15.60	13.67
		2501 (39700)	17.38	16.41	15.38	13.78
	25RB-Middle (12)	2685 (41540)	18.16	17.11	16.07	13.90
		2639(41080)	17.92	16.95	15.89	13.88
		2593 (40620)	17.88	16.88	15.90	13.87
		2547(40160)	17.66	16.69	15.70	13.77
		2501 (39700)	17.29	16.32	15.29	13.78
	25RB-Low (0)	2685 (41540)	18.14	17.09	16.14	13.85
		2639(41080)	17.82	16.88	15.80	13.72
		2593 (40620)	17.84	16.88	15.84	13.73
		2547(40160)	17.64	16.68	15.65	13.69
		2501 (39700)	17.10	16.14	15.10	13.71
50RB (0)	2685 (41540)	18.11	17.08	16.07	13.85	
	2639(41080)	17.90	16.91	15.92	13.88	
	2593 (40620)	17.94	16.90	15.90	13.84	
	2547(40160)	17.66	16.66	15.67	13.69	
	2501 (39700)	17.23	16.26	15.26	13.70	

15MHz	1RB-High (74)	2682.5 (41515)	18.88	17.90	16.87	13.92
		2637.8(41068)	18.69	17.69	16.66	13.68
		2593 (40620)	18.75	17.80	16.64	13.67
		2548.3(40173)	18.46	17.57	16.42	13.40
		2503.5 (39725)	18.40	17.43	16.19	13.38
	1RB-Middle (37)	2682.5 (41515)	18.92	17.90	16.87	13.82
		2637.8(41068)	18.60	17.74	16.59	13.65
		2593 (40620)	18.67	17.78	16.66	13.67
		2548.3(40173)	18.47	17.40	16.35	13.51
		2503.5 (39725)	18.24	17.36	16.11	13.52
	1RB-Low (0)	2682.5 (41515)	18.94	18.03	16.74	13.74
		2637.8(41068)	18.58	17.76	16.69	13.55
		2593 (40620)	18.71	17.79	16.84	13.56
		2548.3(40173)	18.46	17.44	16.46	13.56
		2503.5 (39725)	18.70	17.59	16.70	13.40
	36RB-High (38)	2682.5 (41515)	18.00	17.02	16.06	13.80
		2637.8(41068)	17.80	16.77	15.79	13.74
		2593 (40620)	17.75	16.82	15.75	13.70
		2548.3(40173)	17.55	16.58	15.61	13.54
		2503.5 (39725)	17.32	16.34	15.36	13.58
	36RB-Middle (19)	2682.5 (41515)	17.98	16.90	15.97	13.75
		2637.8(41068)	17.76	16.77	15.78	13.73
		2593 (40620)	17.71	16.65	15.73	13.70
		2548.3(40173)	17.50	16.59	15.59	13.58
		2503.5 (39725)	17.26	16.28	15.30	13.59
	36RB-Low (0)	2682.5 (41515)	18.01	17.00	15.98	13.75
		2637.8(41068)	17.68	16.71	15.73	13.71
		2593 (40620)	17.74	16.77	15.79	13.68
		2548.3(40173)	17.46	16.56	15.52	13.52
		2503.5 (39725)	17.04	16.05	15.15	13.62
75RB (0)	2682.5 (41515)	17.93	16.96	15.96	13.74	
	2637.8(41068)	17.79	16.77	15.80	13.78	
	2593 (40620)	17.78	16.81	15.84	13.70	
	2548.3(40173)	17.56	16.55	15.52	13.56	
	2503.5 (39725)	17.23	16.26	15.29	13.62	

20MHz	1RB-High (99)	2680 (41490)	18.87	17.85	16.84	13.72
		2636.5(41055)	18.70	17.78	17.03	13.80
		2593 (40620)	18.69	17.75	16.83	13.81
		2549.5(40185)	18.39	17.50	16.72	13.49
		2506 (39750)	18.41	17.36	16.76	13.49
	1RB-Middle (50)	2680 (41490)	18.84	18.17	17.09	13.89
		2636.5(41055)	18.64	17.64	17.00	13.78
		2593 (40620)	18.76	17.64	16.85	13.60
		2549.5(40185)	18.43	17.41	16.66	13.53
		2506 (39750)	18.26	17.28	16.46	13.62
	1RB-Low (0)	2680 (41490)	19.07	17.87	17.09	13.79
		2636.5(41055)	18.71	17.58	16.91	13.77
		2593 (40620)	18.78	17.82	17.06	13.68
		2549.5(40185)	18.44	17.46	16.55	13.71
		2506 (39750)	18.45	17.49	16.52	13.39
	50RB-High (50)	2680 (41490)	18.03	17.01	16.02	13.91
		2636.5(41055)	17.75	16.79	16.97	13.79
		2593 (40620)	17.76	16.76	17.00	13.78
		2549.5(40185)	17.52	16.58	16.83	13.65
		2506 (39750)	17.43	16.48	16.72	13.68
	50RB-Middle (25)	2680 (41490)	17.97	16.98	16.00	13.93
		2636.5(41055)	17.75	16.79	16.91	13.84
		2593 (40620)	17.78	16.76	17.00	13.78
		2549.5(40185)	17.56	16.59	16.79	13.67
		2506 (39750)	17.36	16.36	16.59	13.72
	50RB-Low (0)	2680 (41490)	17.95	16.97	15.99	13.92
		2636.5(41055)	17.71	16.69	16.97	13.87
		2593 (40620)	17.74	16.77	16.98	13.72
		2549.5(40185)	17.48	16.48	16.77	13.68
		2506 (39750)	17.10	16.23	16.39	13.70
100RB (0)	2680 (41490)	17.94	16.91	15.88	13.85	
	2636.5(41055)	17.74	16.78	16.84	13.87	
	2593 (40620)	17.76	16.82	16.72	13.78	
	2549.5(40185)	17.55	16.55	16.81	13.62	
	2506 (39750)	17.31	16.46	16.57	13.65	

LTE Band41 PC3(ANT8 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	12.95	13.21	13.19	13.10
		2640.3(41093)	12.87	13.05	12.95	12.86
		2593 (40620)	12.84	13.07	12.98	12.89
		2545.8(40148)	12.78	12.89	12.98	12.89
		2498.5 (39675)	12.77	13.02	12.95	12.86
	1RB-Middle (12)	2687.5 (41565)	13.05	13.33	13.18	13.09
		2640.3(41093)	13.05	13.19	13.01	12.92
		2593 (40620)	12.97	13.11	13.23	13.14
		2545.8(40148)	12.79	12.88	12.93	12.84
		2498.5 (39675)	12.78	12.91	12.96	12.87
	1RB-Low (0)	2687.5 (41565)	12.94	13.10	13.08	12.98
		2640.3(41093)	12.84	13.10	13.20	13.11
		2593 (40620)	12.83	13.10	13.00	12.91
		2545.8(40148)	12.75	12.78	12.92	12.83
		2498.5 (39675)	12.73	12.88	13.03	12.94
	12RB-High (13)	2687.5 (41565)	13.01	13.14	13.33	13.24
		2640.3(41093)	12.94	13.03	13.21	13.12
		2593 (40620)	12.93	13.09	13.24	13.15
		2545.8(40148)	12.78	12.83	12.95	12.86
		2498.5 (39675)	12.80	13.01	13.13	13.04
	12RB-Middle (6)	2687.5 (41565)	13.07	13.12	13.24	13.15
		2640.3(41093)	13.04	13.05	13.17	13.08
		2593 (40620)	12.99	13.02	13.33	13.24
		2545.8(40148)	12.89	12.95	13.15	13.06
		2498.5 (39675)	12.89	13.00	12.93	12.84
	12RB-Low (0)	2687.5 (41565)	13.08	13.21	13.23	13.14
		2640.3(41093)	12.89	12.96	13.13	13.04
		2593 (40620)	12.83	12.93	13.05	12.96
		2545.8(40148)	12.80	12.98	13.00	12.91
		2498.5 (39675)	12.87	13.03	13.15	13.06
25RB (0)	2687.5 (41565)	13.04	13.13	13.28	13.19	
	2640.3(41093)	12.94	13.09	13.19	13.10	
	2593 (40620)	12.91	13.09	13.19	13.10	
	2545.8(40148)	12.88	12.92	13.04	12.95	
	2498.5 (39675)	12.80	12.95	13.06	12.97	

10MHz	1RB-High (49)	2685 (41540)	12.99	13.34	13.17	13.08
		2639(41080)	12.88	12.92	13.13	13.04
		2593 (40620)	12.94	12.87	13.08	12.98
		2547(40160)	12.78	12.92	12.87	12.77
		2501 (39700)	12.82	12.97	13.04	12.95
	1RB-Middle (24)	2685 (41540)	13.07	13.21	13.32	13.23
		2639(41080)	12.95	13.05	13.16	13.07
		2593 (40620)	12.91	13.14	13.21	13.12
		2547(40160)	12.83	12.92	13.01	12.92
		2501 (39700)	12.87	12.93	13.05	12.96
	1RB-Low (0)	2685 (41540)	13.00	13.11	13.12	13.03
		2639(41080)	12.93	13.11	13.08	12.98
		2593 (40620)	12.90	13.21	13.16	13.07
		2547(40160)	12.77	12.90	12.91	12.82
		2501 (39700)	12.79	12.92	13.04	12.95
	25RB-High (25)	2685 (41540)	13.01	13.18	13.30	13.21
		2639(41080)	12.96	13.05	13.22	13.13
		2593 (40620)	12.98	13.02	13.17	13.08
		2547(40160)	12.81	12.96	13.05	12.96
		2501 (39700)	12.91	13.02	13.16	13.07
	25RB-Middle (12)	2685 (41540)	13.01	13.13	13.28	13.19
		2639(41080)	13.01	13.11	13.25	13.16
		2593 (40620)	12.99	13.12	13.24	13.15
		2547(40160)	12.90	12.93	13.15	13.06
		2501 (39700)	12.90	13.01	13.16	13.07
	25RB-Low (0)	2685 (41540)	13.02	13.12	13.23	13.14
		2639(41080)	12.92	13.04	13.11	13.02
		2593 (40620)	12.89	13.00	13.12	13.03
		2547(40160)	12.81	12.94	13.08	12.98
		2501 (39700)	12.84	12.97	13.10	13.01
50RB (0)	2685 (41540)	13.01	13.11	13.23	13.14	
	2639(41080)	13.02	13.14	13.25	13.16	
	2593 (40620)	12.95	13.10	13.22	13.13	
	2547(40160)	12.86	12.96	13.08	12.98	
	2501 (39700)	12.89	13.00	13.09	12.99	

15MHz	1RB-High (74)	2682.5 (41515)	12.98	13.11	13.30	13.21
		2637.8(41068)	12.83	12.91	13.06	12.97
		2593 (40620)	12.81	12.90	13.05	12.96
		2548.3(40173)	12.67	12.85	12.80	12.71
		2503.5 (39725)	12.64	12.86	12.78	12.69
	1RB-Middle (37)	2682.5 (41515)	12.93	13.01	13.20	13.11
		2637.8(41068)	12.82	12.86	13.04	12.95
		2593 (40620)	12.90	12.95	13.05	12.96
		2548.3(40173)	12.64	12.86	12.91	12.82
		2503.5 (39725)	12.67	12.76	12.92	12.83
	1RB-Low (0)	2682.5 (41515)	13.00	13.19	13.13	13.04
		2637.8(41068)	12.83	12.91	12.95	12.86
		2593 (40620)	12.80	12.83	12.96	12.87
		2548.3(40173)	12.67	12.73	12.96	12.87
		2503.5 (39725)	12.65	12.71	12.80	12.71
	36RB-High (38)	2682.5 (41515)	13.01	13.07	13.18	13.09
		2637.8(41068)	12.93	13.01	13.13	13.04
		2593 (40620)	12.89	12.97	13.09	12.99
		2548.3(40173)	12.74	12.87	12.94	12.85
		2503.5 (39725)	12.80	12.91	12.97	12.88
	36RB-Middle (19)	2682.5 (41515)	12.97	13.02	13.14	13.05
		2637.8(41068)	12.95	12.96	13.12	13.03
		2593 (40620)	12.84	12.98	13.09	12.99
		2548.3(40173)	12.75	12.86	12.97	12.88
		2503.5 (39725)	12.79	12.90	12.98	12.89
	36RB-Low (0)	2682.5 (41515)	12.94	13.01	13.14	13.05
		2637.8(41068)	12.90	12.94	13.10	13.01
		2593 (40620)	12.82	12.95	13.06	12.97
		2548.3(40173)	12.71	12.86	12.92	12.83
		2503.5 (39725)	12.77	12.86	13.01	12.92
75RB (0)	2682.5 (41515)	12.96	13.02	13.13	13.04	
	2637.8(41068)	12.92	13.04	13.16	13.07	
	2593 (40620)	12.92	12.98	13.09	12.99	
	2548.3(40173)	12.74	12.88	12.96	12.87	
	2503.5 (39725)	12.78	12.86	13.01	12.92	

20MHz	1RB-High (99)	2680 (41490)	13.11	13.06	13.24	13.24
		2636.5(41055)	13.02	12.95	13.18	13.18
		2593 (40620)	12.96	12.86	12.98	12.98
		2549.5(40185)	12.78	12.57	12.69	12.69
		2506 (39750)	12.60	12.57	12.79	12.79
	1RB-Middle (50)	2680 (41490)	13.12	13.04	13.18	13.18
		2636.5(41055)	12.84	13.02	13.11	13.11
		2593 (40620)	12.85	13.12	12.91	12.91
		2549.5(40185)	12.79	12.60	12.94	12.94
		2506 (39750)	12.49	12.42	12.60	12.60
	1RB-Low (0)	2680 (41490)	13.24	13.32	13.64	13.64
		2636.5(41055)	12.94	12.90	13.02	13.02
		2593 (40620)	12.95	13.03	13.10	13.10
		2549.5(40185)	12.67	12.58	12.80	12.80
		2506 (39750)	12.15	12.03	12.05	12.05
	50RB-High (50)	2680 (41490)	13.23	13.23	13.25	13.25
		2636.5(41055)	12.97	12.99	13.02	13.02
		2593 (40620)	12.99	13.01	13.00	13.00
		2549.5(40185)	12.81	12.82	12.84	12.84
		2506 (39750)	12.72	12.69	12.75	12.75
	50RB-Middle (25)	2680 (41490)	13.19	13.20	13.22	13.22
		2636.5(41055)	13.03	13.03	13.03	13.03
		2593 (40620)	13.04	13.06	13.06	13.06
		2549.5(40185)	12.81	12.83	12.87	12.87
		2506 (39750)	12.60	12.64	12.63	12.63
	50RB-Low (0)	2680 (41490)	13.24	13.19	13.21	13.21
		2636.5(41055)	12.96	12.96	12.93	12.93
		2593 (40620)	12.98	12.97	12.95	12.95
2549.5(40185)		12.75	12.83	12.83	12.83	
2506 (39750)		12.37	12.39	12.36	12.36	
100RB (0)	2680 (41490)	13.16	13.20	13.18	13.18	
	2636.5(41055)	13.00	13.04	13.05	13.05	
	2593 (40620)	13.01	13.05	13.08	13.08	
	2549.5(40185)	12.83	12.83	12.82	12.82	
	2506 (39750)	12.58	12.59	12.60	12.60	

LTE Band41 PC2(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	20.24	20.49	20.39	20.02
		2640.3(41093)	20.15	20.58	20.48	20.11
		2593 (40620)	20.01	20.33	20.23	19.87
		2545.8(40148)	20.06	20.38	20.28	19.91
		2498.5 (39675)	20.05	20.43	20.33	19.96
	1RB-Middle (12)	2687.5 (41565)	20.33	20.34	20.53	20.16
		2640.3(41093)	20.26	20.39	20.18	20.43
		2593 (40620)	20.15	20.55	20.45	20.08
		2545.8(40148)	20.19	20.49	20.39	20.02
		2498.5 (39675)	20.13	20.46	20.56	20.19
	1RB-Low (0)	2687.5 (41565)	20.25	20.50	20.40	20.03
		2640.3(41093)	20.12	20.57	20.47	20.10
		2593 (40620)	19.97	20.33	20.23	19.87
		2545.8(40148)	20.05	20.33	20.23	19.86
		2498.5 (39675)	20.31	20.27	20.17	19.81
	12RB-High (13)	2687.5 (41565)	20.24	20.38	20.28	19.91
		2640.3(41093)	20.22	20.22	20.13	19.76
		2593 (40620)	20.12	20.24	20.15	19.78
		2545.8(40148)	20.10	20.11	20.02	19.65
		2498.5 (39675)	20.10	20.18	20.08	19.72
	12RB-Middle (6)	2687.5 (41565)	20.27	20.42	20.32	19.95
		2640.3(41093)	20.24	20.28	20.18	19.81
		2593 (40620)	20.10	20.26	20.16	19.80
		2545.8(40148)	20.15	20.18	20.08	19.72
		2498.5 (39675)	20.10	20.23	20.13	19.77
	12RB-Low (0)	2687.5 (41565)	20.27	20.38	20.28	19.92
		2640.3(41093)	20.12	20.11	20.02	19.65
		2593 (40620)	20.03	20.14	20.04	19.68
		2545.8(40148)	20.08	20.13	20.03	19.67
		2498.5 (39675)	20.09	20.19	20.09	19.73
25RB (0)	2687.5 (41565)	20.21	20.28	20.18	19.82	
	2640.3(41093)	20.18	20.22	20.12	19.76	
	2593 (40620)	20.07	20.05	19.95	19.59	
	2545.8(40148)	20.07	20.07	19.98	19.62	
	2498.5 (39675)	20.09	20.15	20.06	19.69	

10MHz	1RB-High (49)	2685 (41540)	20.23	20.48	20.38	20.01
		2639(41080)	20.12	20.56	20.56	20.19
		2593 (40620)	19.98	20.41	20.31	19.94
		2547(40160)	19.98	20.36	20.26	19.90
		2501 (39700)	20.02	20.33	20.23	19.87
	1RB-Middle (24)	2685 (41540)	20.09	20.49	20.39	20.02
		2639(41080)	20.11	20.55	20.45	20.08
		2593 (40620)	20.13	20.35	20.25	19.88
		2547(40160)	20.09	20.42	20.32	19.95
		2501 (39700)	20.13	20.43	20.33	19.96
	1RB-Low (0)	2685 (41540)	20.22	20.48	20.38	20.01
		2639(41080)	20.12	20.50	20.40	20.03
		2593 (40620)	20.02	20.30	20.20	19.83
		2547(40160)	20.03	20.33	20.23	19.86
		2501 (39700)	20.08	20.49	20.39	20.02
	25RB-High (25)	2685 (41540)	20.05	20.30	20.20	19.83
		2639(41080)	20.06	20.30	20.20	19.84
		2593 (40620)	20.03	20.10	20.00	19.64
		2547(40160)	20.12	20.15	20.06	19.69
		2501 (39700)	20.17	20.10	20.00	19.64
	25RB-Middle (12)	2685 (41540)	20.03	20.26	20.17	19.80
		2639(41080)	20.05	20.29	20.19	19.82
		2593 (40620)	20.04	20.15	20.05	19.69
		2547(40160)	20.09	20.17	20.08	19.71
		2501 (39700)	20.03	20.13	20.03	19.67
	25RB-Low (0)	2685 (41540)	20.11	20.25	20.16	19.79
		2639(41080)	20.03	20.20	20.10	19.74
		2593 (40620)	20.05	20.05	19.95	19.59
		2547(40160)	20.09	20.15	20.05	19.69
		2501 (39700)	20.04	20.15	20.05	19.69
50RB (0)	2685 (41540)	20.06	20.20	20.10	19.74	
	2639(41080)	20.11	20.23	20.13	19.77	
	2593 (40620)	20.03	20.11	20.01	19.65	
	2547(40160)	20.14	20.12	20.02	19.66	
	2501 (39700)	20.06	20.13	20.03	19.67	

15MHz	1RB-High (74)	2682.5 (41515)	20.08	20.42	20.32	19.96
		2637.8(41068)	19.92	20.38	20.28	19.91
		2593 (40620)	19.85	20.11	20.01	19.65
		2548.3(40173)	19.93	20.20	20.10	19.74
		2503.5 (39725)	19.81	20.19	20.10	19.73
	1RB-Middle (37)	2682.5 (41515)	20.02	20.52	20.42	20.05
		2637.8(41068)	19.87	20.34	20.24	19.87
		2593 (40620)	19.82	20.23	20.13	19.76
		2548.3(40173)	19.96	20.21	20.11	19.75
		2503.5 (39725)	19.83	20.36	20.26	19.89
	1RB-Low (0)	2682.5 (41515)	20.18	20.53	20.43	20.06
		2637.8(41068)	19.86	20.45	20.35	19.98
		2593 (40620)	19.83	20.21	20.11	19.74
		2548.3(40173)	19.88	20.32	20.22	19.86
		2503.5 (39725)	19.83	20.06	19.97	19.61
	36RB-High (38)	2682.5 (41515)	20.12	20.16	20.06	19.70
		2637.8(41068)	20.06	20.12	20.02	19.66
		2593 (40620)	20.00	20.03	19.93	19.57
		2548.3(40173)	19.94	19.98	19.88	19.52
		2503.5 (39725)	19.97	20.02	19.93	19.57
	36RB-Middle (19)	2682.5 (41515)	20.05	20.09	19.99	19.63
		2637.8(41068)	20.06	20.11	20.01	19.65
		2593 (40620)	19.98	20.01	19.92	19.56
		2548.3(40173)	19.95	20.00	19.90	19.54
		2503.5 (39725)	20.00	20.08	19.98	19.62
	36RB-Low (0)	2682.5 (41515)	20.06	20.11	20.02	19.66
		2637.8(41068)	20.01	20.05	19.95	19.59
		2593 (40620)	19.94	19.96	19.86	19.51
		2548.3(40173)	19.91	19.97	19.87	19.51
		2503.5 (39725)	20.00	20.04	19.94	19.58
75RB (0)	2682.5 (41515)	20.04	20.07	19.97	19.61	
	2637.8(41068)	20.06	20.09	20.00	19.63	
	2593 (40620)	19.96	19.97	19.88	19.52	
	2548.3(40173)	19.93	20.03	19.93	19.57	
	2503.5 (39725)	19.97	20.03	19.93	19.57	

20MHz	1RB-High (99)	2680 (41490)	20.24	20.58	20.48	20.11
		2636.5(41055)	20.22	20.43	20.33	19.96
		2593 (40620)	20.08	20.27	20.17	19.80
		2549.5(40185)	19.99	20.23	20.13	19.77
		2506 (39750)	20.01	20.25	20.15	19.79
	1RB-Middle (50)	2680 (41490)	20.12	20.45	20.39	20.32
		2636.5(41055)	20.17	20.60	20.50	20.13
		2593 (40620)	20.07	20.54	20.44	20.07
		2549.5(40185)	19.99	20.53	20.55	20.18
		2506 (39750)	20.08	20.51	20.34	20.43
	1RB-Low (0)	2680 (41490)	20.15	20.58	20.48	20.11
		2636.5(41055)	20.18	20.36	20.26	19.89
		2593 (40620)	19.96	20.28	20.18	19.81
		2549.5(40185)	20.05	20.32	20.23	19.86
		2506 (39750)	20.12	20.23	20.13	19.77
	50RB-High (50)	2680 (41490)	20.12	20.17	20.07	19.71
		2636.5(41055)	20.09	20.09	19.99	19.63
		2593 (40620)	19.97	20.00	19.90	19.54
		2549.5(40185)	19.93	20.00	19.90	19.54
		2506 (39750)	19.93	20.00	19.90	19.54
	50RB-Middle (25)	2680 (41490)	20.14	20.15	20.05	19.69
		2636.5(41055)	20.10	20.08	19.99	19.63
		2593 (40620)	19.99	19.98	19.89	19.53
		2549.5(40185)	19.96	20.02	19.92	19.56
		2506 (39750)	20.00	20.02	19.93	19.57
	50RB-Low (0)	2680 (41490)	20.04	20.08	19.98	19.62
		2636.5(41055)	20.10	20.08	19.98	19.62
		2593 (40620)	19.92	19.94	19.84	19.48
		2549.5(40185)	19.95	19.97	19.88	19.52
		2506 (39750)	20.01	20.03	19.94	19.58
100RB (0)	2680 (41490)	20.03	20.04	19.95	19.59	
	2636.5(41055)	20.09	20.10	20.00	19.64	
	2593 (40620)	19.94	19.98	19.89	19.53	
	2549.5(40185)	19.95	20.01	19.92	19.56	
	2506 (39750)	20.00	20.01	19.91	19.55	

LTE Band41 PC2(ANT4 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	24.42	23.99	24.67	21.06
		2640.3(41093)	24.37	24.63	24.57	21.43
		2593 (40620)	24.23	24.66	24.61	21.26
		2545.8(40148)	24.26	24.53	24.42	21.37
		2498.5 (39675)	24.28	23.88	24.55	21.29
	1RB-Middle (12)	2687.5 (41565)	24.52	24.09	24.78	21.33
		2640.3(41093)	24.41	24.76	24.70	21.29
		2593 (40620)	24.34	24.75	24.65	21.24
		2545.8(40148)	24.39	24.77	24.61	21.31
		2498.5 (39675)	24.28	24.04	24.59	21.31
	1RB-Low (0)	2687.5 (41565)	24.47	23.97	24.71	21.03
		2640.3(41093)	24.30	24.11	24.66	21.32
		2593 (40620)	24.21	24.55	24.65	21.19
		2545.8(40148)	24.19	24.34	24.49	21.25
		2498.5 (39675)	24.23	24.12	24.50	21.20
	12RB-High (13)	2687.5 (41565)	23.69	23.68	23.57	21.04
		2640.3(41093)	24.43	24.19	23.51	21.24
		2593 (40620)	24.33	24.06	23.59	20.98
		2545.8(40148)	24.35	24.17	23.26	20.98
		2498.5 (39675)	23.47	23.53	23.35	20.89
	12RB-Middle (6)	2687.5 (41565)	23.72	23.70	23.57	21.09
		2640.3(41093)	24.48	24.24	23.52	21.34
		2593 (40620)	24.36	24.18	23.64	21.07
		2545.8(40148)	24.35	24.19	23.35	21.03
		2498.5 (39675)	23.50	23.56	23.35	20.95
	12RB-Low (0)	2687.5 (41565)	23.72	23.41	23.59	21.00
		2640.3(41093)	24.41	24.21	23.48	21.11
		2593 (40620)	24.23	24.00	23.51	20.93
		2545.8(40148)	24.33	24.15	23.37	20.95
		2498.5 (39675)	23.48	23.53	23.43	20.87
25RB (0)	2687.5 (41565)	23.70	23.69	23.59	21.16	
	2640.3(41093)	24.42	24.14	23.55	21.00	
	2593 (40620)	24.30	24.06	23.57	20.92	
	2545.8(40148)	24.30	24.03	23.37	20.86	
	2498.5 (39675)	23.46	23.46	23.36	20.91	

10MHz	1RB-High (49)	2685 (41540)	24.47	24.01	24.77	21.23
		2639(41080)	24.32	24.85	24.53	21.35
		2593 (40620)	24.29	24.56	24.62	21.32
		2547(40160)	24.22	24.55	24.65	21.20
		2501 (39700)	24.21	23.88	24.56	21.23
	1RB-Middle (24)	2685 (41540)	24.52	23.93	24.80	21.24
		2639(41080)	24.37	24.79	24.70	21.11
		2593 (40620)	24.40	24.59	24.74	21.35
		2547(40160)	24.23	24.59	24.55	21.34
		2501 (39700)	24.25	23.88	24.48	21.24
	1RB-Low (0)	2685 (41540)	24.49	23.69	24.76	21.22
		2639(41080)	24.27	23.71	24.68	21.48
		2593 (40620)	24.34	24.57	24.63	21.32
		2547(40160)	24.21	24.72	24.58	21.22
		2501 (39700)	24.30	23.87	24.43	21.01
	25RB-High (25)	2685 (41540)	23.71	23.71	23.64	21.27
		2639(41080)	24.41	23.94	23.52	21.10
		2593 (40620)	24.34	23.90	23.60	20.87
		2547(40160)	24.33	23.86	23.42	20.84
		2501 (39700)	23.52	23.51	23.38	20.85
	25RB-Middle (12)	2685 (41540)	23.66	23.65	23.60	21.20
		2639(41080)	24.50	23.96	23.53	21.10
		2593 (40620)	24.40	23.91	23.57	20.89
		2547(40160)	24.37	23.92	23.43	20.88
		2501 (39700)	23.56	23.65	23.46	20.96
	25RB-Low (0)	2685 (41540)	23.64	23.64	23.56	21.15
		2639(41080)	24.35	23.89	23.48	20.98
		2593 (40620)	24.28	23.82	23.50	20.70
		2547(40160)	24.37	23.89	23.42	20.87
		2501 (39700)	23.52	23.54	23.40	20.86
	50RB (0)	2685 (41540)	23.62	23.60	23.54	20.99
		2639(41080)	24.44	23.92	23.55	21.07
2593 (40620)		24.35	23.85	23.55	20.81	
2547(40160)		24.32	23.83	23.37	20.80	
2501 (39700)		23.48	23.51	23.35	20.81	

15MHz	1RB-High (74)	2682.5 (41515)	24.33	23.89	24.76	21.33
		2637.8(41068)	24.25	24.56	24.59	21.24
		2593 (40620)	24.29	24.58	24.51	21.11
		2548.3(40173)	24.26	24.50	24.39	20.92
		2503.5 (39725)	24.08	23.43	24.23	20.98
	1RB-Middle (37)	2682.5 (41515)	24.27	23.88	24.67	21.16
		2637.8(41068)	24.17	24.52	24.57	21.15
		2593 (40620)	24.17	24.54	24.64	21.03
		2548.3(40173)	24.28	24.44	24.26	20.98
		2503.5 (39725)	24.07	23.72	24.49	20.98
	1RB-Low (0)	2682.5 (41515)	24.32	23.90	24.72	21.19
		2637.8(41068)	24.22	24.52	24.72	21.06
		2593 (40620)	24.25	24.55	24.46	21.04
		2548.3(40173)	24.13	24.47	24.46	21.02
		2503.5 (39725)	24.08	23.59	24.41	21.06
	36RB-High (38)	2682.5 (41515)	23.58	23.58	23.51	21.00
		2637.8(41068)	23.77	23.91	23.36	20.91
		2593 (40620)	24.24	23.94	23.41	20.67
		2548.3(40173)	24.24	23.91	23.33	20.70
		2503.5 (39725)	23.36	23.51	23.24	20.66
	36RB-Middle (19)	2682.5 (41515)	23.51	23.53	23.43	20.83
		2637.8(41068)	24.28	23.93	23.42	20.92
		2593 (40620)	24.23	23.96	23.39	20.72
		2548.3(40173)	24.26	23.88	23.31	20.68
		2503.5 (39725)	23.40	23.54	23.28	20.64
	36RB-Low (0)	2682.5 (41515)	23.50	23.55	23.42	20.88
		2637.8(41068)	24.23	23.95	23.35	20.81
		2593 (40620)	24.18	23.89	23.37	20.55
		2548.3(40173)	24.26	23.95	23.28	20.62
		2503.5 (39725)	23.39	23.35	23.23	20.69
75RB (0)	2682.5 (41515)	23.47	23.48	23.41	20.80	
	2637.8(41068)	24.26	23.67	23.39	20.87	
	2593 (40620)	24.20	23.93	23.42	20.72	
	2548.3(40173)	24.23	23.93	23.31	20.66	
	2503.5 (39725)	23.39	23.39	23.25	20.65	

20MHz	1RB-High (99)	2680 (41490)	24.29	23.88	24.50	21.30
		2636.5(41055)	24.29	24.81	24.58	21.27
		2593 (40620)	24.23	24.62	24.23	21.18
		2549.5(40185)	24.07	24.47	24.29	21.15
		2506 (39750)	24.01	23.59	24.28	20.96
	1RB-Middle (50)	2680 (41490)	24.26	23.85	24.63	21.25
		2636.5(41055)	24.30	24.89	24.79	21.07
		2593 (40620)	24.21	24.87	24.44	21.11
		2549.5(40185)	24.17	24.73	24.71	21.44
		2506 (39750)	24.13	23.86	24.30	21.39
	1RB-Low (0)	2680 (41490)	24.32	23.92	24.78	21.46
		2636.5(41055)	24.47	24.65	24.54	21.61
		2593 (40620)	24.16	24.71	24.28	21.11
		2549.5(40185)	24.17	24.53	24.27	21.32
		2506 (39750)	24.13	23.61	24.37	21.19
	50RB-High (50)	2680 (41490)	23.54	23.58	23.52	20.92
		2636.5(41055)	23.58	24.00	23.40	20.90
		2593 (40620)	24.25	23.92	23.41	20.77
		2549.5(40185)	24.20	23.91	23.27	20.65
		2506 (39750)	23.38	23.39	23.27	20.72
	50RB-Middle (25)	2680 (41490)	23.59	23.56	23.50	21.00
		2636.5(41055)	24.31	23.78	23.44	20.89
		2593 (40620)	24.25	23.90	23.39	20.72
		2549.5(40185)	24.23	23.92	23.28	20.67
		2506 (39750)	23.39	23.42	23.30	20.73
	50RB-Low (0)	2680 (41490)	23.48	23.49	23.46	20.85
		2636.5(41055)	24.30	24.00	23.47	20.96
		2593 (40620)	24.20	23.88	23.30	20.64
2549.5(40185)		24.16	23.92	23.24	20.62	
2506 (39750)		23.33	23.35	23.20	20.67	
100RB (0)	2680 (41490)	23.46	23.45	23.41	20.79	
	2636.5(41055)	24.28	23.98	23.41	20.91	
	2593 (40620)	24.26	23.93	23.40	20.73	
	2549.5(40185)	24.24	23.90	23.28	20.64	
	2506 (39750)	23.40	23.40	23.29	20.66	

LTE Band41 PC2(ANT4 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	15.39	15.17	15.04	15.03
		2640.3(41093)	15.31	15.44	15.31	15.30
		2593 (40620)	15.16	15.32	15.19	15.18
		2545.8(40148)	15.22	15.40	15.27	15.26
		2498.5 (39675)	15.14	15.34	15.21	15.20
	1RB-Middle (12)	2687.5 (41565)	15.51	15.37	15.24	15.23
		2640.3(41093)	15.37	15.34	15.21	15.20
		2593 (40620)	15.26	15.31	15.18	15.17
		2545.8(40148)	15.27	15.35	15.22	15.21
		2498.5 (39675)	15.19	15.36	15.23	15.22
	1RB-Low (0)	2687.5 (41565)	15.44	15.16	15.03	15.02
		2640.3(41093)	15.31	15.36	15.23	15.22
		2593 (40620)	15.11	15.26	15.13	15.12
		2545.8(40148)	15.21	15.31	15.18	15.17
		2498.5 (39675)	15.15	15.28	15.15	15.13
	12RB-High (13)	2687.5 (41565)	15.49	15.17	15.04	15.03
		2640.3(41093)	15.39	15.30	15.18	15.17
		2593 (40620)	15.22	15.12	14.99	14.98
		2545.8(40148)	15.31	15.11	14.99	14.97
		2498.5 (39675)	15.21	15.05	14.93	14.92
	12RB-Middle (6)	2687.5 (41565)	15.52	15.20	15.07	15.06
		2640.3(41093)	15.43	15.38	15.25	15.24
		2593 (40620)	15.30	15.18	15.05	15.05
		2545.8(40148)	15.31	15.15	15.03	15.02
		2498.5 (39675)	15.22	15.09	14.96	14.95
	12RB-Low (0)	2687.5 (41565)	15.45	15.13	15.01	14.99
		2640.3(41093)	15.31	15.21	15.08	15.07
		2593 (40620)	15.15	15.08	14.95	14.94
		2545.8(40148)	15.30	15.09	14.96	14.95
		2498.5 (39675)	15.19	15.04	14.91	14.90
25RB (0)	2687.5 (41565)	15.43	15.25	15.12	15.11	
	2640.3(41093)	15.42	15.13	15.01	14.99	
	2593 (40620)	15.26	15.08	14.95	14.94	
	2545.8(40148)	15.29	15.03	14.90	14.89	
	2498.5 (39675)	15.19	15.07	14.94	14.93	

10MHz	1RB-High (49)	2685 (41540)	15.34	15.30	15.17	15.16
		2639(41080)	15.29	15.39	15.25	15.24
		2593 (40620)	15.16	15.36	15.23	15.22
		2547(40160)	15.20	15.28	15.15	15.13
		2501 (39700)	15.13	15.30	15.17	15.16
	1RB-Middle (24)	2685 (41540)	15.45	15.31	15.18	15.17
		2639(41080)	15.39	15.21	15.08	15.07
		2593 (40620)	15.26	15.38	15.25	15.24
		2547(40160)	15.26	15.38	15.25	15.24
		2501 (39700)	15.22	15.31	15.18	15.17
	1RB-Low (0)	2685 (41540)	15.37	15.29	15.16	15.15
		2639(41080)	15.35	15.48	15.35	15.34
		2593 (40620)	15.21	15.36	15.23	15.22
		2547(40160)	15.34	15.29	15.16	15.15
		2501 (39700)	15.22	15.14	15.02	15.01
	25RB-High (25)	2685 (41540)	15.46	15.33	15.20	15.19
		2639(41080)	15.40	15.20	15.07	15.06
		2593 (40620)	15.24	15.03	14.91	14.90
		2547(40160)	15.24	15.01	14.89	14.88
		2501 (39700)	15.23	15.02	14.90	14.89
	25RB-Middle (12)	2685 (41540)	15.39	15.28	15.15	15.13
		2639(41080)	15.42	15.20	15.08	15.07
		2593 (40620)	15.29	15.05	14.93	14.92
		2547(40160)	15.29	15.04	14.92	14.91
		2501 (39700)	15.28	15.10	14.97	14.96
	25RB-Low (0)	2685 (41540)	15.35	15.24	15.11	15.10
		2639(41080)	15.30	15.11	14.99	14.97
		2593 (40620)	15.17	14.92	14.79	14.79
		2547(40160)	15.25	15.04	14.91	14.90
		2501 (39700)	15.25	15.03	14.90	14.90
	50RB (0)	2685 (41540)	15.37	15.13	15.00	14.99
		2639(41080)	15.37	15.18	15.05	15.04
2593 (40620)		15.22	15.00	14.87	14.87	
2547(40160)		15.24	14.99	14.87	14.85	
2501 (39700)		15.22	14.99	14.87	14.85	

15MHz	1RB-High (74)	2682.5 (41515)	15.26	15.37	15.24	15.23
		2637.8(41068)	15.23	15.30	15.18	15.17
		2593 (40620)	15.03	15.21	15.08	15.07
		2548.3(40173)	14.99	15.07	14.94	14.94
		2503.5 (39725)	14.89	15.11	14.99	14.97
	1RB-Middle (37)	2682.5 (41515)	15.23	15.25	15.12	15.11
		2637.8(41068)	15.20	15.24	15.11	15.10
		2593 (40620)	15.05	15.15	15.03	15.02
		2548.3(40173)	15.00	15.12	14.99	14.97
		2503.5 (39725)	15.00	15.12	14.99	14.97
	1RB-Low (0)	2682.5 (41515)	15.29	15.26	15.13	15.12
		2637.8(41068)	15.17	15.17	15.04	15.03
		2593 (40620)	14.99	15.17	15.04	15.03
		2548.3(40173)	15.10	15.14	15.02	15.01
		2503.5 (39725)	14.96	15.17	15.04	15.03
	36RB-High (38)	2682.5 (41515)	15.30	15.13	15.01	14.99
		2637.8(41068)	15.25	15.07	14.94	14.93
		2593 (40620)	15.12	14.89	14.77	14.76
		2548.3(40173)	15.11	14.92	14.79	14.78
		2503.5 (39725)	15.05	14.89	14.76	14.76
	36RB-Middle (19)	2682.5 (41515)	15.23	15.01	14.88	14.87
		2637.8(41068)	15.25	15.08	14.95	14.94
		2593 (40620)	15.09	14.93	14.80	14.79
		2548.3(40173)	15.13	14.91	14.78	14.77
		2503.5 (39725)	15.04	14.87	14.74	14.74
	36RB-Low (0)	2682.5 (41515)	15.24	15.05	14.92	14.91
		2637.8(41068)	15.16	15.00	14.87	14.85
		2593 (40620)	15.04	14.81	14.68	14.67
		2548.3(40173)	15.10	14.86	14.73	14.73
		2503.5 (39725)	15.07	14.91	14.78	14.78
75RB (0)	2682.5 (41515)	15.24	14.99	14.87	14.85	
	2637.8(41068)	15.22	15.04	14.91	14.90	
	2593 (40620)	15.08	14.93	14.80	14.79	
	2548.3(40173)	15.15	14.89	14.76	14.75	
	2503.5 (39725)	15.07	14.88	14.75	14.75	

20MHz	1RB-High (99)	2680 (41490)	15.00	15.36	15.22	15.21
		2636.5(41055)	14.90	15.06	15.21	15.19
		2593 (40620)	14.85	14.96	15.21	15.11
		2549.5(40185)	14.74	14.89	15.00	15.10
		2506 (39750)	14.78	15.09	15.13	14.96
	1RB-Middle (50)	2680 (41490)	15.00	15.32	15.33	15.17
		2636.5(41055)	14.89	15.33	14.97	15.04
		2593 (40620)	14.85	14.86	15.07	15.07
		2549.5(40185)	14.75	14.85	15.11	15.31
		2506 (39750)	14.78	15.13	15.10	15.27
	1RB-Low (0)	2680 (41490)	15.06	15.24	15.18	15.33
		2636.5(41055)	14.97	15.18	15.22	15.44
		2593 (40620)	14.94	15.15	15.11	15.07
		2549.5(40185)	14.82	14.80	15.08	15.22
		2506 (39750)	14.77	14.88	15.10	15.12
	50RB-High (50)	2680 (41490)	15.10	14.91	15.18	14.94
		2636.5(41055)	15.03	14.78	15.08	14.93
		2593 (40620)	15.01	14.75	15.02	14.83
		2549.5(40185)	14.91	14.65	14.96	14.75
		2506 (39750)	14.94	14.72	15.00	14.79
	50RB-Middle (25)	2680 (41490)	15.18	14.96	15.19	14.99
		2636.5(41055)	15.08	14.78	15.13	14.92
		2593 (40620)	15.04	14.79	15.08	14.79
		2549.5(40185)	14.93	14.67	14.97	14.76
		2506 (39750)	14.99	14.70	14.99	14.80
50RB-Low (0)	2680 (41490)	15.08	14.84	15.18	14.89	
	2636.5(41055)	15.07	14.83	15.10	14.96	
	2593 (40620)	14.97	14.70	15.01	14.74	
	2549.5(40185)	14.89	14.64	14.92	14.71	
	2506 (39750)	14.96	14.70	15.00	14.76	
100RB (0)	2680 (41490)	15.08	14.83	15.16	14.84	
	2636.5(41055)	15.04	14.82	15.15	14.93	
	2593 (40620)	15.01	14.73	15.00	14.80	
	2549.5(40185)	14.90	14.68	14.93	14.74	
	2506 (39750)	14.97	14.68	15.01	14.75	

LTE Band41 PC2(ANT4 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	14.21	14.22	14.09	13.95
		2640.3(41093)	14.13	14.47	14.34	14.20
		2593 (40620)	13.99	14.36	14.23	14.09
		2545.8(40148)	14.06	14.44	14.31	14.17
		2498.5 (39675)	13.98	14.38	14.25	14.11
	1RB-Middle (12)	2687.5 (41565)	14.32	14.41	14.28	14.14
		2640.3(41093)	14.19	14.38	14.25	14.11
		2593 (40620)	14.09	14.35	14.22	14.08
		2545.8(40148)	14.10	14.39	14.26	14.12
		2498.5 (39675)	14.02	14.40	14.27	14.13
	1RB-Low (0)	2687.5 (41565)	14.26	14.21	14.08	13.94
		2640.3(41093)	14.13	14.40	14.27	14.13
		2593 (40620)	13.96	14.31	14.18	14.04
		2545.8(40148)	14.05	14.35	14.22	14.08
		2498.5 (39675)	13.99	14.32	14.19	14.05
	12RB-High (13)	2687.5 (41565)	14.30	14.22	14.09	13.95
		2640.3(41093)	14.21	14.35	14.22	14.08
		2593 (40620)	14.05	14.17	14.04	13.91
		2545.8(40148)	14.13	14.17	14.04	13.90
		2498.5 (39675)	14.04	14.11	13.99	13.85
	12RB-Middle (6)	2687.5 (41565)	14.33	14.25	14.12	13.98
		2640.3(41093)	14.24	14.42	14.29	14.15
		2593 (40620)	14.13	14.23	14.10	13.97
		2545.8(40148)	14.14	14.21	14.08	13.94
		2498.5 (39675)	14.06	14.15	14.02	13.88
	12RB-Low (0)	2687.5 (41565)	14.27	14.18	14.06	13.92
		2640.3(41093)	14.13	14.26	14.13	13.99
		2593 (40620)	13.99	14.14	14.01	13.87
		2545.8(40148)	14.13	14.15	14.02	13.88
		2498.5 (39675)	14.03	14.10	13.97	13.83
25RB (0)	2687.5 (41565)	14.25	14.30	14.17	14.03	
	2640.3(41093)	14.23	14.19	14.06	13.92	
	2593 (40620)	14.09	14.13	14.01	13.87	
	2545.8(40148)	14.11	14.09	13.96	13.82	
	2498.5 (39675)	14.03	14.12	14.00	13.86	

10MHz	1RB-High (49)	2685 (41540)	14.17	14.34	14.21	14.07
		2639(41080)	14.12	14.43	14.29	14.15
		2593 (40620)	14.00	14.40	14.27	14.13
		2547(40160)	14.04	14.32	14.19	14.05
		2501 (39700)	13.97	14.34	14.21	14.07
	1RB-Middle (24)	2685 (41540)	14.26	14.35	14.22	14.08
		2639(41080)	14.21	14.26	14.13	13.99
		2593 (40620)	14.09	14.42	14.29	14.15
		2547(40160)	14.09	14.42	14.29	14.15
		2501 (39700)	14.05	14.35	14.22	14.08
	1RB-Low (0)	2685 (41540)	14.19	14.33	14.20	14.06
		2639(41080)	14.17	14.51	14.38	14.24
		2593 (40620)	14.04	14.40	14.27	14.13
		2547(40160)	14.16	14.33	14.20	14.06
		2501 (39700)	14.05	14.19	14.07	13.93
	25RB-High (25)	2685 (41540)	14.27	14.37	14.24	14.10
		2639(41080)	14.22	14.25	14.12	13.98
		2593 (40620)	14.07	14.09	13.97	13.83
		2547(40160)	14.07	14.07	13.95	13.81
		2501 (39700)	14.06	14.08	13.96	13.82
	25RB-Middle (12)	2685 (41540)	14.21	14.32	14.19	14.05
		2639(41080)	14.24	14.25	14.13	13.99
		2593 (40620)	14.12	14.11	13.99	13.85
		2547(40160)	14.12	14.10	13.98	13.84
		2501 (39700)	14.11	14.15	14.03	13.89
	25RB-Low (0)	2685 (41540)	14.18	14.29	14.16	14.02
		2639(41080)	14.13	14.17	14.04	13.90
		2593 (40620)	14.01	13.99	13.86	13.73
		2547(40160)	14.08	14.10	13.97	13.83
		2501 (39700)	14.08	14.09	13.96	13.83
50RB (0)	2685 (41540)	14.19	14.18	14.05	13.92	
	2639(41080)	14.19	14.23	14.10	13.96	
	2593 (40620)	14.05	14.06	13.93	13.80	
	2547(40160)	14.07	14.05	13.93	13.79	
	2501 (39700)	14.05	14.06	13.93	13.79	

15MHz	1RB-High (74)	2682.5 (41515)	14.09	14.41	14.28	14.14
		2637.8(41068)	14.06	14.35	14.22	14.08
		2593 (40620)	13.88	14.26	14.13	13.99
		2548.3(40173)	13.84	14.13	14.00	13.87
		2503.5 (39725)	13.75	14.17	14.04	13.90
	1RB-Middle (37)	2682.5 (41515)	14.06	14.30	14.17	14.03
		2637.8(41068)	14.04	14.29	14.16	14.02
		2593 (40620)	13.89	14.21	14.08	13.94
		2548.3(40173)	13.85	14.17	14.04	13.90
		2503.5 (39725)	13.84	14.17	14.04	13.90
	1RB-Low (0)	2682.5 (41515)	14.12	14.31	14.18	14.04
		2637.8(41068)	14.01	14.22	14.09	13.95
		2593 (40620)	13.84	14.22	14.09	13.95
		2548.3(40173)	13.94	14.20	14.07	13.93
		2503.5 (39725)	13.81	14.22	14.09	13.95
	36RB-High (38)	2682.5 (41515)	14.13	14.19	14.06	13.92
		2637.8(41068)	14.08	14.13	14.00	13.86
		2593 (40620)	13.96	13.96	13.84	13.70
		2548.3(40173)	13.95	13.99	13.86	13.72
		2503.5 (39725)	13.90	13.96	13.83	13.70
	36RB-Middle (19)	2682.5 (41515)	14.06	14.07	13.94	13.80
		2637.8(41068)	14.08	14.14	14.01	13.87
		2593 (40620)	13.94	13.99	13.87	13.73
		2548.3(40173)	13.97	13.97	13.85	13.71
		2503.5 (39725)	13.89	13.94	13.81	13.68
	36RB-Low (0)	2682.5 (41515)	14.07	14.11	13.98	13.84
		2637.8(41068)	14.00	14.06	13.93	13.79
		2593 (40620)	13.89	13.88	13.75	13.62
		2548.3(40173)	13.94	13.93	13.80	13.67
		2503.5 (39725)	13.91	13.98	13.85	13.72
75RB (0)	2682.5 (41515)	14.07	14.05	13.93	13.79	
	2637.8(41068)	14.05	14.10	13.97	13.83	
	2593 (40620)	13.93	13.99	13.87	13.73	
	2548.3(40173)	13.99	13.96	13.83	13.69	
	2503.5 (39725)	13.91	13.95	13.82	13.69	

20MHz	1RB-High (99)	2680 (41490)	14.08	14.39	14.26	14.12
		2636.5(41055)	14.04	14.37	14.24	14.10
		2593 (40620)	13.93	14.30	14.17	14.03
		2549.5(40185)	13.81	14.29	14.16	14.02
		2506 (39750)	13.82	14.16	14.03	13.89
	1RB-Middle (50)	2680 (41490)	14.06	14.35	14.22	14.08
		2636.5(41055)	13.96	14.23	14.10	13.96
		2593 (40620)	13.85	14.26	14.13	13.99
		2549.5(40185)	13.85	14.48	14.35	14.21
		2506 (39750)	13.80	14.45	14.32	14.18
	1RB-Low (0)	2680 (41490)	14.14	14.50	14.37	14.23
		2636.5(41055)	14.02	14.46	14.47	14.33
		2593 (40620)	13.89	14.26	14.13	13.99
		2549.5(40185)	13.86	14.40	14.27	14.13
		2506 (39750)	13.81	14.31	14.18	14.04
	50RB-High (50)	2680 (41490)	14.13	14.14	14.01	13.87
		2636.5(41055)	14.07	14.12	13.99	13.86
		2593 (40620)	13.97	14.03	13.90	13.77
		2549.5(40185)	13.87	13.95	13.82	13.69
		2506 (39750)	13.92	13.99	13.86	13.73
	50RB-Middle (25)	2680 (41490)	14.11	14.19	14.06	13.92
		2636.5(41055)	14.12	14.11	13.99	13.85
		2593 (40620)	13.97	14.00	13.87	13.73
		2549.5(40185)	14.02	13.96	13.84	13.70
		2506 (39750)	13.94	14.00	13.87	13.74
	50RB-Low (0)	2680 (41490)	13.99	14.08	13.96	13.82
		2636.5(41055)	14.07	14.16	14.03	13.89
		2593 (40620)	13.89	13.94	13.81	13.68
		2549.5(40185)	13.98	13.92	13.80	13.66
		2506 (39750)	13.95	13.97	13.84	13.70
100RB (0)	2680 (41490)	14.02	14.05	13.92	13.78	
	2636.5(41055)	14.08	14.12	14.00	13.86	
	2593 (40620)	13.97	14.00	13.87	13.74	
	2549.5(40185)	13.99	13.94	13.82	13.68	
	2506 (39750)	13.96	13.95	13.83	13.69	

LTE Band41 PC2(ANT1 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	24.29	23.73	22.56	20.56
		2640.3(41093)	24.99	25.31	24.27	21.16
		2593 (40620)	24.99	25.27	24.25	21.16
		2545.8(40148)	24.97	25.36	24.18	21.14
		2498.5 (39675)	24.46	23.86	22.62	20.51
	1RB-Middle (12)	2687.5 (41565)	24.41	23.95	22.69	20.54
		2640.3(41093)	25.07	25.39	24.33	21.22
		2593 (40620)	25.05	25.38	24.27	21.21
		2545.8(40148)	25.06	25.47	24.33	21.22
		2498.5 (39675)	24.48	23.88	22.71	20.52
	1RB-Low (0)	2687.5 (41565)	24.37	23.77	22.50	20.43
		2640.3(41093)	24.92	25.48	24.33	21.10
		2593 (40620)	25.01	25.45	24.08	21.17
		2545.8(40148)	24.93	25.28	24.25	21.11
		2498.5 (39675)	24.44	23.84	22.63	20.49
	12RB-High (13)	2687.5 (41565)	23.58	22.71	21.66	19.96
		2640.3(41093)	25.11	24.17	23.08	21.26
		2593 (40620)	25.11	24.08	23.23	21.26
		2545.8(40148)	25.13	24.31	23.21	21.27
		2498.5 (39675)	23.59	22.66	21.73	19.97
	12RB-Middle (6)	2687.5 (41565)	23.64	22.69	21.63	20.01
		2640.3(41093)	25.13	24.23	23.19	21.27
		2593 (40620)	25.17	24.18	23.19	21.31
		2545.8(40148)	25.13	24.22	23.33	21.27
		2498.5 (39675)	23.60	22.78	21.73	19.98
	12RB-Low (0)	2687.5 (41565)	23.60	22.64	21.72	19.98
		2640.3(41093)	25.06	24.11	23.14	21.22
		2593 (40620)	25.08	24.24	23.17	21.23
		2545.8(40148)	25.10	24.17	23.19	21.25
		2498.5 (39675)	23.61	22.81	21.67	19.99
25RB (0)	2687.5 (41565)	23.60	22.62	21.65	19.98	
	2640.3(41093)	25.02	24.07	23.11	21.18	
	2593 (40620)	25.08	24.15	23.18	21.23	
	2545.8(40148)	25.09	24.10	23.14	21.24	
	2498.5 (39675)	23.58	22.63	21.66	19.96	

10MHz	1RB-High (49)	2685 (41540)	24.40	23.84	22.61	20.39
		2639(41080)	24.90	25.45	24.17	21.08
		2593 (40620)	24.99	25.29	24.22	21.16
		2547(40160)	25.01	25.50	24.17	21.17
		2501 (39700)	24.44	23.86	22.71	20.69
	1RB-Middle (24)	2685 (41540)	24.42	23.91	22.62	20.31
		2639(41080)	25.00	25.51	24.21	21.16
		2593 (40620)	25.05	25.33	24.22	21.21
		2547(40160)	25.02	25.40	24.30	21.18
		2501 (39700)	24.47	23.89	22.61	20.31
	1RB-Low (0)	2685 (41540)	24.33	23.96	22.69	20.60
		2639(41080)	25.00	25.33	24.16	21.16
		2593 (40620)	25.03	25.42	24.30	21.19
		2547(40160)	24.94	25.46	24.20	21.11
		2501 (39700)	24.45	23.86	22.79	20.47
	25RB-High (25)	2685 (41540)	23.61	22.66	21.70	19.99
		2639(41080)	25.09	24.15	23.16	21.24
		2593 (40620)	25.07	24.17	23.16	21.22
		2547(40160)	25.13	24.22	23.22	21.27
		2501 (39700)	23.59	22.61	21.62	19.97
	25RB-Middle (12)	2685 (41540)	23.59	22.63	21.63	19.97
		2639(41080)	25.11	24.12	23.16	21.26
		2593 (40620)	25.12	24.19	23.21	21.27
		2547(40160)	25.21	24.24	23.21	21.34
		2501 (39700)	23.64	22.68	21.64	20.01
	25RB-Low (0)	2685 (41540)	23.58	22.60	21.63	19.96
		2639(41080)	25.00	24.03	23.04	21.16
		2593 (40620)	25.15	24.18	23.21	21.29
		2547(40160)	25.13	24.13	23.17	21.27
		2501 (39700)	23.60	22.63	21.64	19.98
	50RB (0)	2685 (41540)	23.56	22.57	21.63	19.95
		2639(41080)	25.12	24.08	23.16	21.27
2593 (40620)		25.07	24.11	23.17	21.22	
2547(40160)		25.11	24.15	23.20	21.26	
2501 (39700)		23.60	22.62	21.62	19.98	

15MHz	1RB-High (74)	2682.5 (41515)	24.24	23.88	22.51	20.52
		2637.8(41068)	24.91	25.21	24.07	21.09
		2593 (40620)	24.83	25.22	23.94	21.02
		2548.3(40173)	24.91	25.32	24.12	21.09
		2503.5 (39725)	24.23	23.54	22.58	20.51
	1RB-Middle (37)	2682.5 (41515)	24.25	23.56	22.80	20.53
		2637.8(41068)	24.81	25.18	23.97	21.00
		2593 (40620)	24.85	25.25	23.97	21.04
		2548.3(40173)	24.87	25.24	24.10	21.05
		2503.5 (39725)	24.30	23.60	22.58	20.57
	1RB-Low (0)	2682.5 (41515)	24.28	23.72	22.54	20.55
		2637.8(41068)	24.83	25.20	24.03	21.02
		2593 (40620)	24.91	25.28	24.19	21.09
		2548.3(40173)	24.87	25.37	24.09	21.05
		2503.5 (39725)	24.23	23.69	22.35	20.51
	36RB-High (38)	2682.5 (41515)	23.50	22.51	21.54	19.89
		2637.8(41068)	24.95	23.95	23.05	21.12
		2593 (40620)	24.98	23.99	23.02	21.15
		2548.3(40173)	25.05	24.05	23.07	21.21
		2503.5 (39725)	23.44	22.44	21.50	19.84
	36RB-Middle (19)	2682.5 (41515)	23.52	22.54	21.61	19.91
		2637.8(41068)	24.93	24.01	23.05	21.11
		2593 (40620)	25.01	23.98	23.06	21.17
		2548.3(40173)	25.01	24.06	23.05	21.17
		2503.5 (39725)	23.41	22.48	21.50	19.82
	36RB-Low (0)	2682.5 (41515)	23.49	22.48	21.57	19.89
		2637.8(41068)	24.90	23.95	22.95	21.08
		2593 (40620)	24.98	24.03	23.10	21.15
2548.3(40173)		25.02	24.04	23.10	21.18	
2503.5 (39725)		23.44	22.48	21.51	19.84	
75RB (0)	2682.5 (41515)	23.53	22.51	21.54	19.92	
	2637.8(41068)	24.92	24.00	22.99	21.10	
	2593 (40620)	25.00	24.00	23.06	21.16	
	2548.3(40173)	25.04	24.05	23.08	21.20	
	2503.5 (39725)	23.46	22.45	21.52	19.86	

20MHz	1RB-High (99)	2680 (41490)	24.09	23.74	22.53	20.39
		2636.5(41055)	24.82	25.05	23.94	21.01
		2593 (40620)	24.84	25.51	23.91	21.03
		2549.5(40185)	24.83	25.29	23.97	21.02
		2506 (39750)	24.28	23.53	22.51	20.55
	1RB-Middle (50)	2680 (41490)	24.18	23.67	22.72	20.47
		2636.5(41055)	24.79	25.72	24.03	20.99
		2593 (40620)	24.93	25.66	24.23	21.11
		2549.5(40185)	24.82	25.11	24.15	21.01
		2506 (39750)	24.49	23.84	22.64	20.34
	1RB-Low (0)	2680 (41490)	24.46	24.08	22.67	20.51
		2636.5(41055)	24.84	25.33	24.05	21.03
		2593 (40620)	24.96	25.39	24.13	21.13
		2549.5(40185)	24.89	25.46	24.03	21.07
		2506 (39750)	24.20	23.77	22.68	20.49
	50RB-High (50)	2680 (41490)	23.48	22.53	21.57	19.88
		2636.5(41055)	24.94	23.97	23.02	21.11
		2593 (40620)	24.98	23.97	23.04	21.15
		2549.5(40185)	24.99	24.06	23.10	21.16
		2506 (39750)	23.41	22.43	21.47	19.82
	50RB-Middle (25)	2680 (41490)	23.48	22.51	21.54	19.88
		2636.5(41055)	24.95	24.01	23.06	21.12
		2593 (40620)	25.02	24.00	23.10	21.18
		2549.5(40185)	25.01	24.07	23.06	21.17
		2506 (39750)	23.47	22.48	21.48	19.87
	50RB-Low (0)	2680 (41490)	23.50	22.58	21.59	19.89
		2636.5(41055)	24.93	24.07	23.03	21.11
		2593 (40620)	24.99	24.01	23.00	21.16
2549.5(40185)		24.91	23.97	22.97	21.09	
2506 (39750)		23.44	22.49	21.50	19.84	
100RB (0)	2680 (41490)	23.48	22.49	21.54	19.88	
	2636.5(41055)	24.94	23.97	23.03	21.11	
	2593 (40620)	24.92	23.89	22.96	21.10	
	2549.5(40185)	25.02	24.02	23.09	21.18	
	2506 (39750)	23.44	22.48	21.48	19.84	

LTE Band41 PC2(ANT1 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	24.38	23.67	22.62	20.41
		2640.3(41093)	24.68	25.02	23.82	20.89
		2593 (40620)	24.68	25.00	23.90	20.89
		2545.8(40148)	24.64	25.03	23.84	20.85
		2498.5 (39675)	24.41	23.86	22.61	20.66
	1RB-Middle (12)	2687.5 (41565)	24.48	23.84	22.78	20.35
		2640.3(41093)	24.71	25.12	23.89	19.87
		2593 (40620)	24.85	25.18	23.82	21.03
		2545.8(40148)	24.72	25.20	23.95	20.92
		2498.5 (39675)	24.46	23.93	22.65	20.50
	1RB-Low (0)	2687.5 (41565)	24.34	23.74	22.56	20.60
		2640.3(41093)	24.60	25.05	23.81	20.82
		2593 (40620)	24.73	25.00	23.95	20.93
		2545.8(40148)	24.64	25.00	23.72	20.85
		2498.5 (39675)	24.47	23.86	22.65	20.34
	12RB-High (13)	2687.5 (41565)	23.62	22.62	21.60	19.99
		2640.3(41093)	24.73	24.07	23.14	20.93
		2593 (40620)	24.81	24.11	23.19	21.00
		2545.8(40148)	24.79	24.10	23.21	20.98
		2498.5 (39675)	23.62	22.66	21.61	19.99
	12RB-Middle (6)	2687.5 (41565)	23.61	22.74	21.75	19.98
		2640.3(41093)	24.81	24.20	23.15	21.00
		2593 (40620)	24.84	24.15	23.23	21.02
		2545.8(40148)	24.81	24.21	23.26	21.00
		2498.5 (39675)	23.62	22.60	21.68	19.99
	12RB-Low (0)	2687.5 (41565)	23.61	22.58	21.76	19.98
		2640.3(41093)	24.79	24.06	23.14	20.98
		2593 (40620)	24.80	24.07	23.17	20.99
		2545.8(40148)	24.79	24.13	23.30	20.98
		2498.5 (39675)	23.61	22.67	21.64	19.98
25RB (0)	2687.5 (41565)	23.56	22.65	21.65	19.94	
	2640.3(41093)	24.77	24.11	23.15	20.96	
	2593 (40620)	24.81	24.15	23.16	21.00	
	2545.8(40148)	24.79	24.10	23.12	20.98	
	2498.5 (39675)	23.56	22.64	21.60	19.94	

10MHz	1RB-High (49)	2685 (41540)	24.28	23.72	22.62	20.55
		2639(41080)	24.65	25.17	24.04	20.86
		2593 (40620)	24.66	25.11	23.88	20.87
		2547(40160)	24.70	25.11	23.94	20.90
		2501 (39700)	24.41	23.96	22.60	20.45
	1RB-Middle (24)	2685 (41540)	24.46	23.91	22.63	20.36
		2639(41080)	24.67	25.14	24.10	20.88
		2593 (40620)	24.77	25.12	23.81	20.96
		2547(40160)	24.74	25.10	24.02	20.94
		2501 (39700)	24.36	23.90	22.64	20.47
	1RB-Low (0)	2685 (41540)	24.41	23.95	22.69	20.51
		2639(41080)	24.69	25.11	23.86	20.90
		2593 (40620)	24.73	25.17	24.11	20.93
		2547(40160)	24.70	25.12	23.87	20.90
		2501 (39700)	24.42	23.91	22.75	20.19
	25RB-High (25)	2685 (41540)	23.61	22.69	21.66	19.98
		2639(41080)	24.77	24.12	23.13	20.96
		2593 (40620)	24.79	24.15	23.17	20.98
		2547(40160)	24.82	24.12	23.24	21.01
		2501 (39700)	23.56	22.56	21.64	19.94
	25RB-Middle (12)	2685 (41540)	23.60	22.63	21.65	19.97
		2639(41080)	24.80	24.11	23.19	20.99
		2593 (40620)	24.88	24.20	23.22	21.06
		2547(40160)	24.81	24.22	23.23	21.00
		2501 (39700)	23.60	22.59	21.70	19.97
	25RB-Low (0)	2685 (41540)	23.61	22.63	21.70	19.98
		2639(41080)	24.68	24.04	23.09	20.89
		2593 (40620)	24.82	24.13	23.22	21.01
		2547(40160)	24.79	24.10	23.23	20.98
		2501 (39700)	23.58	22.61	21.65	19.96
50RB (0)	2685 (41540)	23.55	22.58	21.63	19.93	
	2639(41080)	24.77	24.12	23.18	20.96	
	2593 (40620)	24.78	24.14	23.17	20.97	
	2547(40160)	24.82	24.13	23.17	21.01	
	2501 (39700)	23.60	22.60	21.62	19.97	

15MHz	1RB-High (74)	2682.5 (41515)	24.19	23.63	22.50	20.47
		2637.8(41068)	24.54	24.96	23.76	20.77
		2593 (40620)	24.60	24.89	23.66	20.82
		2548.3(40173)	24.66	25.10	23.80	20.87
		2503.5 (39725)	24.22	23.56	22.54	20.50
	1RB-Middle (37)	2682.5 (41515)	24.29	23.80	22.58	20.56
		2637.8(41068)	24.54	24.95	23.67	20.77
		2593 (40620)	24.56	24.86	23.73	20.79
		2548.3(40173)	24.60	24.97	23.81	20.82
		2503.5 (39725)	24.27	23.86	22.54	20.54
	1RB-Low (0)	2682.5 (41515)	24.33	23.73	22.53	20.59
		2637.8(41068)	24.46	24.88	23.85	20.70
		2593 (40620)	24.68	25.13	23.82	20.89
		2548.3(40173)	24.53	24.90	23.91	20.76
		2503.5 (39725)	24.28	23.63	22.38	20.55
	36RB-High (38)	2682.5 (41515)	23.54	22.50	21.62	19.92
		2637.8(41068)	24.65	23.95	23.02	20.86
		2593 (40620)	24.70	23.97	23.01	20.90
		2548.3(40173)	24.77	24.03	23.14	20.96
		2503.5 (39725)	23.38	22.41	21.46	19.79
	36RB-Middle (19)	2682.5 (41515)	23.56	22.56	21.56	19.94
		2637.8(41068)	24.66	23.95	23.04	20.87
		2593 (40620)	24.67	24.01	23.09	20.88
		2548.3(40173)	24.73	24.04	23.10	20.93
		2503.5 (39725)	23.43	22.43	21.50	19.83
	36RB-Low (0)	2682.5 (41515)	23.46	22.51	21.58	19.85
		2637.8(41068)	24.60	23.95	22.93	20.82
		2593 (40620)	24.75	24.04	23.10	20.95
2548.3(40173)		24.69	24.02	23.07	20.90	
2503.5 (39725)		23.46	22.43	21.50	19.85	
75RB (0)	2682.5 (41515)	23.52	22.59	21.58	19.91	
	2637.8(41068)	24.68	23.95	23.04	20.89	
	2593 (40620)	24.68	24.05	23.03	20.89	
	2548.3(40173)	24.72	24.04	23.10	20.92	
	2503.5 (39725)	23.42	22.46	21.51	19.82	

20MHz	1RB-High (99)	2680 (41490)	24.21	23.73	22.65	20.49
		2636.5(41055)	24.51	24.92	23.75	20.74
		2593 (40620)	24.59	25.00	23.74	20.81
		2549.5(40185)	24.52	24.89	23.75	20.75
		2506 (39750)	24.16	23.73	22.54	20.45
	1RB-Middle (50)	2680 (41490)	24.25	23.92	22.74	20.52
		2636.5(41055)	24.50	25.29	23.82	20.73
		2593 (40620)	24.48	25.07	23.64	20.72
		2549.5(40185)	24.58	25.19	24.04	20.80
		2506 (39750)	24.29	23.81	22.85	20.56
	1RB-Low (0)	2680 (41490)	24.41	23.75	22.77	20.36
		2636.5(41055)	24.53	24.94	23.97	20.76
		2593 (40620)	24.65	25.08	23.92	20.86
		2549.5(40185)	24.61	24.86	23.85	20.83
		2506 (39750)	24.28	23.51	22.57	20.55
	50RB-High (50)	2680 (41490)	23.53	22.49	21.58	19.91
		2636.5(41055)	24.67	23.96	23.00	20.88
		2593 (40620)	24.69	23.98	22.99	20.90
		2549.5(40185)	24.73	24.04	23.07	20.93
		2506 (39750)	23.44	22.47	21.48	19.84
	50RB-Middle (25)	2680 (41490)	23.49	22.51	21.54	19.88
		2636.5(41055)	24.65	23.98	23.02	20.86
		2593 (40620)	24.72	24.05	23.08	20.92
		2549.5(40185)	24.77	24.10	23.06	20.96
		2506 (39750)	23.42	22.44	21.53	19.82
	50RB-Low (0)	2680 (41490)	23.54	22.57	21.56	19.92
		2636.5(41055)	24.66	23.99	23.05	20.87
		2593 (40620)	24.65	23.97	23.01	20.86
2549.5(40185)		24.66	24.02	23.00	20.87	
2506 (39750)		23.46	22.44	21.51	19.85	
100RB (0)	2680 (41490)	23.49	22.50	21.48	19.88	
	2636.5(41055)	24.66	23.98	23.02	20.87	
	2593 (40620)	24.69	23.93	22.98	20.90	
	2549.5(40185)	24.75	24.03	23.08	20.95	
	2506 (39750)	23.48	22.45	21.51	19.87	

LTE Band41 PC2(ANT1 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	18.56	19.09	18.71	18.44
		2640.3(41093)	18.69	19.11	18.90	18.63
		2593 (40620)	18.74	19.07	18.96	18.69
		2545.8(40148)	18.77	19.18	18.96	18.69
		2498.5 (39675)	18.69	19.10	18.95	18.68
	1RB-Middle (12)	2687.5 (41565)	18.77	19.11	19.06	18.79
		2640.3(41093)	18.78	19.20	19.09	18.82
		2593 (40620)	18.78	19.26	19.13	18.86
		2545.8(40148)	18.79	19.38	19.05	18.78
		2498.5 (39675)	18.68	19.19	19.07	18.80
	1RB-Low (0)	2687.5 (41565)	18.67	19.17	18.92	18.65
		2640.3(41093)	18.70	19.20	18.98	18.71
		2593 (40620)	18.75	19.13	18.93	18.66
		2545.8(40148)	18.72	19.11	18.85	18.58
		2498.5 (39675)	18.68	19.06	18.96	18.69
	12RB-High (13)	2687.5 (41565)	18.78	18.79	18.74	18.47
		2640.3(41093)	18.84	18.77	18.87	18.60
		2593 (40620)	18.84	18.86	18.77	18.50
		2545.8(40148)	18.88	18.90	18.86	18.59
		2498.5 (39675)	18.74	18.84	18.79	18.52
	12RB-Middle (6)	2687.5 (41565)	18.82	18.79	18.80	18.53
		2640.3(41093)	18.90	18.86	18.87	18.60
		2593 (40620)	18.89	18.85	18.97	18.70
		2545.8(40148)	18.85	18.99	18.88	18.61
		2498.5 (39675)	18.84	18.73	18.88	18.61
	12RB-Low (0)	2687.5 (41565)	18.79	18.87	18.68	18.41
		2640.3(41093)	18.85	18.82	18.86	18.59
		2593 (40620)	18.87	18.96	18.87	18.60
		2545.8(40148)	18.87	18.88	18.84	18.57
		2498.5 (39675)	18.76	18.97	18.74	18.47
25RB (0)	2687.5 (41565)	18.77	18.79	18.78	18.51	
	2640.3(41093)	18.83	18.86	18.85	18.58	
	2593 (40620)	18.83	18.81	18.84	18.57	
	2545.8(40148)	18.82	18.88	18.85	18.58	
	2498.5 (39675)	18.78	18.81	18.84	18.57	

10MHz	1RB-High (49)	2685 (41540)	18.66	19.05	19.00	18.73
		2639(41080)	18.81	19.25	18.93	18.66
		2593 (40620)	18.68	19.14	18.98	18.71
		2547(40160)	18.80	19.25	19.11	18.84
		2501 (39700)	18.67	19.26	18.94	18.67
	1RB-Middle (24)	2685 (41540)	18.68	19.32	18.93	18.66
		2639(41080)	18.79	19.19	18.98	18.71
		2593 (40620)	18.76	19.03	18.97	18.70
		2547(40160)	18.80	19.18	19.08	18.81
		2501 (39700)	18.67	18.99	18.94	18.67
	1RB-Low (0)	2685 (41540)	18.69	19.16	18.86	18.59
		2639(41080)	18.79	19.23	19.03	18.76
		2593 (40620)	18.78	19.23	19.02	18.75
		2547(40160)	18.76	19.23	19.01	18.74
		2501 (39700)	18.65	19.13	18.87	18.60
	25RB-High (25)	2685 (41540)	18.82	18.81	18.84	18.57
		2639(41080)	18.85	18.91	18.83	18.56
		2593 (40620)	18.86	18.91	18.91	18.64
		2547(40160)	18.89	18.95	18.91	18.64
		2501 (39700)	18.77	18.84	18.77	18.50
	25RB-Middle (12)	2685 (41540)	18.76	18.76	18.76	18.49
		2639(41080)	18.89	18.86	18.91	18.64
		2593 (40620)	18.91	18.92	18.89	18.62
		2547(40160)	18.96	18.93	18.87	18.60
		2501 (39700)	18.74	18.83	18.73	18.46
	25RB-Low (0)	2685 (41540)	18.74	18.81	18.75	18.48
		2639(41080)	18.78	18.81	18.78	18.51
		2593 (40620)	18.89	18.92	18.93	18.66
		2547(40160)	18.82	18.87	18.78	18.51
		2501 (39700)	18.76	18.88	18.78	18.51
50RB (0)	2685 (41540)	18.70	18.74	18.72	18.45	
	2639(41080)	18.90	18.88	18.87	18.60	
	2593 (40620)	18.85	18.89	18.86	18.59	
	2547(40160)	18.87	18.90	18.91	18.64	
	2501 (39700)	18.78	18.78	18.77	18.50	

15MHz	1RB-High (74)	2682.5 (41515)	18.49	18.95	18.71	18.44
		2637.8(41068)	18.63	18.94	18.92	18.65
		2593 (40620)	18.57	18.93	18.80	18.53
		2548.3(40173)	18.65	19.00	18.94	18.67
		2503.5 (39725)	18.44	18.76	18.51	18.25
	1RB-Middle (37)	2682.5 (41515)	18.53	18.83	18.64	18.37
		2637.8(41068)	18.53	18.93	18.72	18.45
		2593 (40620)	18.51	19.68	18.80	18.53
		2548.3(40173)	18.59	19.17	18.69	18.42
		2503.5 (39725)	18.47	18.77	18.58	18.32
	1RB-Low (0)	2682.5 (41515)	18.53	18.97	18.86	18.59
		2637.8(41068)	18.59	18.92	18.70	18.43
		2593 (40620)	18.70	19.14	18.85	18.58
		2548.3(40173)	18.53	18.88	18.85	18.58
		2503.5 (39725)	18.56	19.02	18.82	18.55
	36RB-High (38)	2682.5 (41515)	18.67	18.70	18.67	18.40
		2637.8(41068)	18.75	18.76	18.69	18.42
		2593 (40620)	18.74	18.70	18.74	18.47
		2548.3(40173)	18.82	18.82	18.78	18.51
		2503.5 (39725)	18.57	18.60	18.66	18.39
	36RB-Middle (19)	2682.5 (41515)	18.65	18.65	18.73	18.46
		2637.8(41068)	18.78	18.75	18.76	18.49
		2593 (40620)	18.75	18.77	18.78	18.51
		2548.3(40173)	18.78	18.80	18.79	18.52
		2503.5 (39725)	18.59	18.68	18.65	18.38
	36RB-Low (0)	2682.5 (41515)	18.67	18.66	18.68	18.41
		2637.8(41068)	18.65	18.69	18.68	18.41
		2593 (40620)	18.78	18.74	18.78	18.51
		2548.3(40173)	18.70	18.72	18.74	18.47
		2503.5 (39725)	18.64	18.67	18.68	18.41
75RB (0)	2682.5 (41515)	18.74	18.69	18.76	18.49	
	2637.8(41068)	18.70	18.76	18.76	18.49	
	2593 (40620)	18.79	18.71	18.78	18.51	
	2548.3(40173)	18.78	18.82	18.76	18.49	
	2503.5 (39725)	18.65	18.60	18.62	18.36	

20MHz	1RB-High (99)	2680 (41490)	18.56	18.87	18.57	18.31
		2636.5(41055)	18.67	18.98	18.81	18.54
		2593 (40620)	18.59	18.95	18.68	18.41
		2549.5(40185)	18.55	19.03	18.86	18.59
		2506 (39750)	18.57	19.11	18.57	18.31
	1RB-Middle (50)	2680 (41490)	18.56	19.11	18.81	18.54
		2636.5(41055)	18.54	19.22	18.93	18.66
		2593 (40620)	18.64	19.39	19.08	18.81
		2549.5(40185)	18.65	19.00	18.89	18.62
		2506 (39750)	18.48	19.31	18.76	18.49
	1RB-Low (0)	2680 (41490)	18.68	19.20	18.82	18.55
		2636.5(41055)	18.69	19.09	18.80	18.53
		2593 (40620)	18.74	19.31	18.98	18.71
		2549.5(40185)	18.69	18.83	18.82	18.55
		2506 (39750)	18.53	18.86	18.67	18.40
	50RB-High (50)	2680 (41490)	18.65	18.69	18.71	18.44
		2636.5(41055)	18.73	18.78	18.72	18.45
		2593 (40620)	18.70	18.71	18.70	18.43
		2549.5(40185)	18.72	18.76	18.77	18.50
		2506 (39750)	18.61	18.63	18.62	18.36
	50RB-Middle (25)	2680 (41490)	18.66	18.61	18.65	18.38
		2636.5(41055)	18.76	18.80	18.76	18.49
		2593 (40620)	18.78	18.80	18.78	18.51
		2549.5(40185)	18.80	18.81	18.80	18.53
		2506 (39750)	18.66	18.71	18.63	18.36
	50RB-Low (0)	2680 (41490)	18.73	18.66	18.62	18.36
		2636.5(41055)	18.78	18.79	18.80	18.53
		2593 (40620)	18.73	18.74	18.72	18.45
		2549.5(40185)	18.82	18.80	18.77	18.50
		2506 (39750)	18.62	18.69	18.63	18.36
100RB (0)	2680 (41490)	18.68	18.66	18.66	18.39	
	2636.5(41055)	18.77	18.80	18.75	18.48	
	2593 (40620)	18.73	18.73	18.73	18.46	
	2549.5(40185)	18.76	18.75	18.75	18.48	
	2506 (39750)	18.63	18.68	18.67	18.40	

LTE Band41 PC2(ANT2 DSI 1_3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	22.28	21.64	20.46	18.28
		2640.3(41093)	23.06	23.00	21.86	18.92
		2593 (40620)	23.07	23.01	21.74	18.93
		2545.8(40148)	22.92	22.97	21.69	18.81
		2498.5 (39675)	22.13	21.55	20.31	18.16
	1RB-Middle (12)	2687.5 (41565)	22.36	21.80	20.58	18.35
		2640.3(41093)	23.01	23.07	21.85	18.88
		2593 (40620)	23.14	23.08	21.85	18.99
		2545.8(40148)	23.12	23.06	21.90	18.97
		2498.5 (39675)	22.21	21.66	20.37	18.22
	1RB-Low (0)	2687.5 (41565)	22.23	21.62	20.45	18.24
		2640.3(41093)	23.02	23.04	21.77	18.89
		2593 (40620)	23.11	23.03	21.83	18.96
		2545.8(40148)	22.91	22.84	21.66	18.80
		2498.5 (39675)	22.22	21.56	20.28	18.12
	12RB-High (13)	2687.5 (41565)	21.48	20.47	20.45	17.62
		2640.3(41093)	22.71	21.84	20.77	18.63
		2593 (40620)	22.82	21.87	20.84	18.72
		2545.8(40148)	22.61	21.66	20.69	18.55
		2498.5 (39675)	21.23	20.30	20.20	17.42
	12RB-Middle (6)	2687.5 (41565)	21.49	20.63	20.26	17.63
		2640.3(41093)	22.78	21.84	20.81	18.69
		2593 (40620)	22.76	21.88	20.72	18.67
		2545.8(40148)	22.67	21.82	20.75	18.60
		2498.5 (39675)	21.27	20.31	20.34	17.45
	12RB-Low (0)	2687.5 (41565)	21.52	20.60	20.44	17.66
		2640.3(41093)	22.68	21.76	20.73	18.61
		2593 (40620)	22.76	21.81	20.82	18.67
		2545.8(40148)	22.62	21.72	20.69	18.56
		2498.5 (39675)	21.24	20.26	20.31	17.43
25RB (0)	2687.5 (41565)	21.48	20.49	20.50	17.62	
	2640.3(41093)	22.74	21.78	20.77	18.66	
	2593 (40620)	22.75	21.77	20.75	18.67	
	2545.8(40148)	22.62	21.65	20.62	18.56	
	2498.5 (39675)	21.23	20.25	20.28	17.42	

10MHz	1RB-High (49)	2685 (41540)	22.22	21.80	21.33	18.23
		2639(41080)	22.95	22.99	21.95	18.83
		2593 (40620)	23.16	23.08	21.85	19.00
		2547(40160)	22.96	23.06	21.82	18.84
		2501 (39700)	22.13	21.58	20.53	18.16
	1RB-Middle (24)	2685 (41540)	22.30	21.71	21.53	18.30
		2639(41080)	23.04	22.94	21.89	18.90
		2593 (40620)	23.13	23.01	22.05	18.98
		2547(40160)	22.96	23.00	21.89	18.84
		2501 (39700)	22.16	21.55	20.38	18.18
	1RB-Low (0)	2685 (41540)	22.33	21.75	21.50	18.32
		2639(41080)	23.01	23.01	21.95	18.88
		2593 (40620)	23.10	23.01	22.01	18.95
		2547(40160)	22.92	22.93	21.82	18.81
		2501 (39700)	22.16	21.59	20.41	18.18
	25RB-High (25)	2685 (41540)	21.54	20.58	20.49	17.67
		2639(41080)	22.72	21.78	20.75	18.64
		2593 (40620)	22.81	21.85	20.84	18.71
		2547(40160)	22.68	21.71	20.68	18.61
		2501 (39700)	21.25	20.29	19.23	17.43
	25RB-Middle (12)	2685 (41540)	21.46	20.53	20.50	17.61
		2639(41080)	22.80	21.82	20.74	18.71
		2593 (40620)	22.76	21.78	20.79	18.67
		2547(40160)	22.68	21.70	20.74	18.61
		2501 (39700)	21.27	20.30	19.23	17.45
	25RB-Low (0)	2685 (41540)	21.46	20.52	20.49	17.61
		2639(41080)	22.68	21.76	20.70	18.61
		2593 (40620)	22.73	21.83	20.77	18.65
		2547(40160)	22.68	21.72	20.68	18.61
		2501 (39700)	21.26	20.29	19.23	17.44
50RB (0)	2685 (41540)	21.46	20.47	20.44	17.61	
	2639(41080)	22.73	21.75	20.76	18.65	
	2593 (40620)	22.74	21.78	20.75	18.66	
	2547(40160)	22.71	21.73	20.69	18.63	
	2501 (39700)	21.24	20.23	19.47	17.43	

15MHz	1RB-High (74)	2682.5 (41515)	22.09	21.70	20.42	18.12
		2637.8(41068)	22.90	22.83	21.84	18.79
		2593 (40620)	23.00	22.87	21.88	18.87
		2548.3(40173)	22.90	22.71	21.77	18.79
		2503.5 (39725)	21.92	21.22	20.21	17.98
	1RB-Middle (37)	2682.5 (41515)	22.13	21.92	20.79	18.16
		2637.8(41068)	22.84	22.79	21.96	18.74
		2593 (40620)	22.96	23.09	21.68	18.84
		2548.3(40173)	22.83	23.01	21.84	18.73
		2503.5 (39725)	22.03	21.90	20.34	18.07
	1RB-Low (0)	2682.5 (41515)	22.22	21.49	20.56	18.23
		2637.8(41068)	22.95	22.93	21.94	18.83
		2593 (40620)	22.99	22.92	21.86	18.86
		2548.3(40173)	22.86	22.76	21.72	18.76
		2503.5 (39725)	21.93	21.72	20.27	17.99
	36RB-High (38)	2682.5 (41515)	21.35	20.39	19.38	17.52
		2637.8(41068)	22.61	21.63	20.63	18.55
		2593 (40620)	22.73	21.72	20.70	18.65
		2548.3(40173)	22.54	21.56	20.55	18.49
		2503.5 (39725)	21.11	20.17	19.15	17.32
	36RB-Middle (19)	2682.5 (41515)	21.34	20.34	19.35	17.51
		2637.8(41068)	22.63	21.70	20.65	18.57
		2593 (40620)	22.70	21.65	20.68	18.62
		2548.3(40173)	22.57	21.59	20.61	18.52
		2503.5 (39725)	21.14	20.17	19.18	17.34
	36RB-Low (0)	2682.5 (41515)	21.36	20.35	19.37	17.53
		2637.8(41068)	22.60	21.65	20.65	18.54
		2593 (40620)	22.63	21.70	20.63	18.57
		2548.3(40173)	22.50	21.53	20.51	18.46
		2503.5 (39725)	21.06	20.05	19.07	17.28
75RB (0)	2682.5 (41515)	21.31	20.35	19.35	17.48	
	2637.8(41068)	22.65	21.65	20.68	18.58	
	2593 (40620)	22.60	21.64	20.62	18.54	
	2548.3(40173)	22.55	21.53	20.58	18.50	
	2503.5 (39725)	21.10	20.12	19.14	17.31	

20MHz	1RB-High (99)	2680 (41490)	22.33	21.76	20.56	18.32
		2636.5(41055)	23.09	23.02	21.89	18.94
		2593 (40620)	23.13	23.07	22.00	18.98
		2549.5(40185)	22.92	22.90	21.78	18.81
		2506 (39750)	22.06	21.48	20.36	18.10
	1RB-Middle (50)	2680 (41490)	22.30	21.88	20.57	18.30
		2636.5(41055)	23.00	23.39	21.98	18.87
		2593 (40620)	23.08	23.31	21.86	18.94
		2549.5(40185)	22.95	23.48	21.92	18.83
		2506 (39750)	22.14	22.33	20.37	18.17
	1RB-Low (0)	2680 (41490)	22.33	21.93	20.68	18.32
		2636.5(41055)	23.17	23.12	22.05	19.01
		2593 (40620)	23.18	23.05	21.93	19.02
		2549.5(40185)	23.12	23.07	21.87	18.97
		2506 (39750)	22.06	21.59	20.43	18.10
	50RB-High (50)	2680 (41490)	21.53	20.55	19.65	17.66
		2636.5(41055)	22.80	21.80	20.87	18.71
		2593 (40620)	22.88	21.87	20.96	18.77
		2549.5(40185)	22.66	21.73	20.80	18.59
		2506 (39750)	21.28	20.28	19.40	17.46
	50RB-Middle (25)	2680 (41490)	21.48	20.48	19.60	17.62
		2636.5(41055)	22.80	21.78	20.91	18.71
		2593 (40620)	22.83	21.83	20.87	18.73
		2549.5(40185)	22.69	21.76	20.78	18.62
		2506 (39750)	21.26	20.32	19.43	17.44
	50RB-Low (0)	2680 (41490)	21.50	20.53	19.58	17.64
		2636.5(41055)	22.75	21.77	20.87	18.67
		2593 (40620)	22.79	21.78	20.93	18.70
		2549.5(40185)	22.69	21.70	20.73	18.62
		2506 (39750)	21.20	20.25	19.31	17.39
100RB (0)	2680 (41490)	21.46	20.47	19.58	17.61	
	2636.5(41055)	22.76	21.79	20.88	18.67	
	2593 (40620)	22.76	21.82	20.84	18.67	
	2549.5(40185)	22.73	21.74	20.83	18.65	
	2506 (39750)	21.29	20.28	19.38	17.47	

LTE Band41 PC2(ANT2 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	18.36	18.54	18.48	18.45
		2640.3(41093)	18.14	18.27	18.17	18.34
		2593 (40620)	18.26	18.32	18.32	18.40
		2545.8(40148)	18.03	18.21	18.12	18.40
		2498.5 (39675)	18.19	18.46	18.19	18.39
	1RB-Middle (12)	2687.5 (41565)	18.50	18.59	18.34	18.50
		2640.3(41093)	18.30	18.37	18.49	18.53
		2593 (40620)	18.36	18.50	18.27	18.57
		2545.8(40148)	18.12	18.36	18.40	18.49
		2498.5 (39675)	18.16	18.48	18.47	18.51
	1RB-Low (0)	2687.5 (41565)	18.40	18.50	18.48	18.36
		2640.3(41093)	18.14	18.34	18.23	18.41
		2593 (40620)	18.24	18.29	18.32	18.37
		2545.8(40148)	18.12	18.49	18.18	18.29
		2498.5 (39675)	18.10	18.28	18.19	18.40
	12RB-High (13)	2687.5 (41565)	18.55	18.48	18.39	18.48
		2640.3(41093)	18.36	18.39	18.15	18.31
		2593 (40620)	18.40	18.48	18.20	18.21
		2545.8(40148)	18.24	18.32	18.07	18.30
		2498.5 (39675)	18.30	18.36	18.09	18.23
	12RB-Middle (6)	2687.5 (41565)	18.56	18.49	18.34	18.23
		2640.3(41093)	18.35	18.43	18.25	18.31
		2593 (40620)	18.36	18.35	18.28	18.41
		2545.8(40148)	18.28	18.26	18.25	18.32
		2498.5 (39675)	18.31	18.28	18.18	18.32
	12RB-Low (0)	2687.5 (41565)	18.55	18.39	18.30	18.42
		2640.3(41093)	18.30	18.31	18.14	18.30
		2593 (40620)	18.29	18.42	18.18	18.31
		2545.8(40148)	18.28	18.30	18.15	18.27
		2498.5 (39675)	18.24	18.42	18.26	18.48
25RB (0)	2687.5 (41565)	18.56	18.23	18.40	18.22	
	2640.3(41093)	18.35	18.32	18.15	18.29	
	2593 (40620)	18.39	18.39	18.26	18.27	
	2545.8(40148)	18.22	18.23	18.13	18.29	
	2498.5 (39675)	18.22	18.34	18.11	18.27	

10MHz	1RB-High (49)	2685 (41540)	18.40	18.60	18.36	18.43
		2639(41080)	18.17	18.28	18.30	18.37
		2593 (40620)	18.28	18.52	18.35	18.41
		2547(40160)	18.05	18.46	18.38	18.55
		2501 (39700)	18.08	18.31	18.30	18.38
	1RB-Middle (24)	2685 (41540)	18.44	18.64	18.26	18.37
		2639(41080)	18.21	18.29	18.30	18.41
		2593 (40620)	18.32	18.34	18.32	18.41
		2547(40160)	18.12	18.21	18.19	18.52
		2501 (39700)	18.13	18.33	18.36	18.38
	1RB-Low (0)	2685 (41540)	18.38	18.64	18.26	18.30
		2639(41080)	18.26	18.29	18.23	18.47
		2593 (40620)	18.28	18.45	18.50	18.46
		2547(40160)	18.10	18.51	18.15	18.44
		2501 (39700)	18.20	18.23	18.21	18.31
	25RB-High (25)	2685 (41540)	18.57	18.28	18.41	18.27
		2639(41080)	18.30	18.29	18.15	18.26
		2593 (40620)	18.45	18.43	18.28	18.35
		2547(40160)	18.21	18.32	18.09	18.35
		2501 (39700)	18.28	18.34	18.16	18.21
	25RB-Middle (12)	2685 (41540)	18.50	18.35	18.34	18.50
		2639(41080)	18.40	18.40	18.22	18.35
		2593 (40620)	18.38	18.38	18.26	18.33
		2547(40160)	18.27	18.24	18.15	18.31
		2501 (39700)	18.31	18.31	18.20	18.47
	25RB-Low (0)	2685 (41540)	18.48	18.47	18.34	18.49
		2639(41080)	18.26	18.19	18.08	18.22
		2593 (40620)	18.34	18.34	18.23	18.37
		2547(40160)	18.27	18.32	18.16	18.22
		2501 (39700)	18.26	18.31	18.13	18.22
50RB (0)	2685 (41540)	18.49	18.48	18.31	18.46	
	2639(41080)	18.32	18.30	18.17	18.31	
	2593 (40620)	18.42	18.43	18.28	18.30	
	2547(40160)	18.30	18.25	18.14	18.35	
	2501 (39700)	18.28	18.30	18.13	18.21	

15MHz	1RB-High (74)	2682.5 (41515)	18.28	18.35	18.43	18.45
		2637.8(41068)	18.05	18.45	18.20	18.36
		2593 (40620)	18.13	18.21	18.35	18.23
		2548.3(40173)	18.03	18.36	18.32	18.38
		2503.5 (39725)	17.85	18.34	18.01	18.26
	1RB-Middle (37)	2682.5 (41515)	18.28	18.39	18.39	18.37
		2637.8(41068)	18.05	18.34	18.12	18.46
		2593 (40620)	18.11	18.27	18.40	18.23
		2548.3(40173)	17.92	18.34	18.16	18.43
		2503.5 (39725)	17.91	18.47	18.08	18.33
	1RB-Low (0)	2682.5 (41515)	18.34	18.50	18.44	18.30
		2637.8(41068)	18.14	18.40	18.16	18.44
		2593 (40620)	18.21	18.21	18.17	18.29
		2548.3(40173)	17.97	18.23	18.23	18.29
		2503.5 (39725)	17.91	18.32	18.13	18.25
	36RB-High (38)	2682.5 (41515)	18.38	18.41	18.33	18.40
		2637.8(41068)	18.19	18.20	18.06	18.43
		2593 (40620)	18.32	18.26	18.19	18.48
		2548.3(40173)	18.13	18.13	18.00	18.22
		2503.5 (39725)	18.13	18.13	18.02	18.39
	36RB-Middle (19)	2682.5 (41515)	18.35	18.31	18.20	18.47
		2637.8(41068)	18.23	18.24	18.07	18.50
		2593 (40620)	18.21	18.19	18.04	18.22
		2548.3(40173)	18.17	18.08	17.96	18.23
		2503.5 (39725)	18.13	18.16	18.02	18.38
	36RB-Low (0)	2682.5 (41515)	18.35	18.35	18.26	18.42
		2637.8(41068)	18.17	18.17	18.00	18.42
		2593 (40620)	18.24	18.19	18.01	18.22
		2548.3(40173)	18.05	18.07	17.96	18.48
		2503.5 (39725)	18.11	18.15	18.01	18.42
75RB (0)	2682.5 (41515)	18.36	18.41	18.27	18.50	
	2637.8(41068)	18.24	18.24	18.11	18.50	
	2593 (40620)	18.30	18.31	18.14	18.22	
	2548.3(40173)	18.14	18.16	18.00	18.50	
	2503.5 (39725)	18.11	18.14	18.00	18.36	

20MHz	1RB-High (99)	2680 (41490)	18.24	18.36	18.35	18.32
		2636.5(41055)	18.23	18.40	18.08	18.24
		2593 (40620)	18.21	18.44	18.15	18.42
		2549.5(40185)	17.91	18.18	18.00	18.30
		2506 (39750)	17.93	18.45	17.98	18.32
	1RB-Middle (50)	2680 (41490)	18.35	18.25	18.32	18.24
		2636.5(41055)	18.11	18.24	18.05	18.37
		2593 (40620)	18.14	18.28	18.30	18.52
		2549.5(40185)	17.95	18.26	18.38	18.33
		2506 (39750)	17.94	18.54	18.25	18.50
	1RB-Low (0)	2680 (41490)	18.28	18.49	18.37	18.25
		2636.5(41055)	18.15	18.39	18.38	18.23
		2593 (40620)	18.36	18.32	18.30	18.41
		2549.5(40185)	17.96	18.25	18.07	18.25
		2506 (39750)	17.99	18.17	18.10	18.40
	50RB-High (50)	2680 (41490)	18.34	18.40	18.36	18.45
		2636.5(41055)	18.21	18.08	18.10	18.46
		2593 (40620)	18.31	18.26	18.19	18.44
		2549.5(40185)	18.14	18.07	18.02	18.21
		2506 (39750)	18.11	18.08	18.05	18.36
	50RB-Middle (25)	2680 (41490)	18.32	18.39	18.27	18.38
		2636.5(41055)	18.24	18.13	18.08	18.50
		2593 (40620)	18.33	18.32	18.21	18.22
		2549.5(40185)	18.10	18.06	18.05	18.23
		2506 (39750)	18.19	18.15	18.04	18.36
	50RB-Low (0)	2680 (41490)	18.35	18.40	18.34	18.36
		2636.5(41055)	18.19	18.07	18.03	18.23
		2593 (40620)	18.26	18.23	18.14	18.46
		2549.5(40185)	18.06	18.00	17.95	18.21
		2506 (39750)	18.11	18.07	18.00	18.36
100RB (0)	2680 (41490)	18.39	18.31	18.22	18.39	
	2636.5(41055)	18.21	18.11	18.08	18.49	
	2593 (40620)	18.30	18.23	18.20	18.47	
	2549.5(40185)	18.13	18.06	17.99	18.49	
	2506 (39750)	18.14	18.08	18.04	18.40	

LTE Band41 PC2(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	17.36	17.85	17.62	17.38
		2640.3(41093)	17.16	17.59	17.33	17.56
		2593 (40620)	17.27	17.64	17.47	17.62
		2545.8(40148)	17.05	17.54	17.28	17.62
		2498.5 (39675)	17.20	17.49	17.35	17.61
	1RB-Middle (12)	2687.5 (41565)	17.50	17.90	17.78	17.71
		2640.3(41093)	17.31	17.69	17.63	17.74
		2593 (40620)	17.36	17.81	17.42	17.78
		2545.8(40148)	17.14	17.68	17.55	17.70
		2498.5 (39675)	17.17	17.79	17.61	17.72
	1RB-Low (0)	2687.5 (41565)	17.40	17.81	17.62	17.58
		2640.3(41093)	17.16	17.66	17.39	17.63
		2593 (40620)	17.25	17.61	17.47	17.59
		2545.8(40148)	17.14	17.52	17.34	17.51
		2498.5 (39675)	17.12	17.60	17.35	17.62
	12RB-High (13)	2687.5 (41565)	17.54	17.51	17.54	17.41
		2640.3(41093)	17.36	17.42	17.31	17.53
		2593 (40620)	17.40	17.51	17.36	17.44
		2545.8(40148)	17.25	17.36	17.23	17.52
		2498.5 (39675)	17.31	17.40	17.25	17.46
	12RB-Middle (6)	2687.5 (41565)	17.55	17.52	17.49	17.46
		2640.3(41093)	17.35	17.46	17.40	17.53
		2593 (40620)	17.36	17.39	17.43	17.63
		2545.8(40148)	17.29	17.30	17.40	17.54
		2498.5 (39675)	17.32	17.32	17.34	17.54
	12RB-Low (0)	2687.5 (41565)	17.54	17.71	17.45	17.35
		2640.3(41093)	17.31	17.35	17.30	17.52
		2593 (40620)	17.30	17.45	17.34	17.53
		2545.8(40148)	17.29	17.34	17.31	17.50
		2498.5 (39675)	17.25	17.45	17.41	17.41
25RB (0)	2687.5 (41565)	17.55	17.56	17.55	17.45	
	2640.3(41093)	17.35	17.36	17.31	17.51	
	2593 (40620)	17.39	17.42	17.41	17.50	
	2545.8(40148)	17.23	17.27	17.29	17.51	
	2498.5 (39675)	17.23	17.38	17.27	17.50	

10MHz	1RB-High (49)	2685 (41540)	17.40	17.91	17.51	17.65
		2639(41080)	17.18	17.60	17.45	17.59
		2593 (40620)	17.29	17.83	17.50	17.63
		2547(40160)	17.07	17.49	17.53	17.76
		2501 (39700)	17.10	17.63	17.45	17.60
	1RB-Middle (24)	2685 (41540)	17.44	17.95	17.70	17.59
		2639(41080)	17.22	17.61	17.45	17.63
		2593 (40620)	17.33	17.66	17.47	17.63
		2547(40160)	17.14	17.54	17.35	17.73
		2501 (39700)	17.15	17.65	17.51	17.60
	1RB-Low (0)	2685 (41540)	17.38	17.95	17.70	17.52
		2639(41080)	17.27	17.61	17.39	17.68
		2593 (40620)	17.29	17.77	17.64	17.67
		2547(40160)	17.12	17.82	17.31	17.66
		2501 (39700)	17.21	17.56	17.37	17.53
	25RB-High (25)	2685 (41540)	17.56	17.60	17.56	17.50
		2639(41080)	17.31	17.33	17.31	17.49
		2593 (40620)	17.45	17.46	17.43	17.57
		2547(40160)	17.22	17.36	17.25	17.57
		2501 (39700)	17.29	17.38	17.32	17.44
	25RB-Middle (12)	2685 (41540)	17.50	17.39	17.49	17.43
		2639(41080)	17.40	17.43	17.38	17.57
		2593 (40620)	17.38	17.41	17.41	17.55
		2547(40160)	17.28	17.28	17.31	17.53
		2501 (39700)	17.32	17.35	17.36	17.40
	25RB-Low (0)	2685 (41540)	17.48	17.50	17.49	17.42
		2639(41080)	17.27	17.23	17.24	17.45
		2593 (40620)	17.34	17.38	17.39	17.59
		2547(40160)	17.28	17.36	17.32	17.45
		2501 (39700)	17.27	17.35	17.29	17.45
50RB (0)	2685 (41540)	17.49	17.51	17.46	17.39	
	2639(41080)	17.33	17.34	17.33	17.53	
	2593 (40620)	17.42	17.46	17.43	17.52	
	2547(40160)	17.31	17.29	17.30	17.57	
	2501 (39700)	17.29	17.34	17.29	17.44	

15MHz	1RB-High (74)	2682.5 (41515)	17.29	17.67	17.58	17.38
		2637.8(41068)	17.07	17.48	17.36	17.58
		2593 (40620)	17.15	17.54	17.50	17.46
		2548.3(40173)	17.05	17.40	17.47	17.60
		2503.5 (39725)	16.88	17.38	17.18	17.20
	1RB-Middle (37)	2682.5 (41515)	17.29	17.71	17.54	17.31
		2637.8(41068)	17.07	17.38	17.28	17.39
		2593 (40620)	17.13	17.59	17.55	17.46
		2548.3(40173)	16.95	17.38	17.32	17.36
		2503.5 (39725)	16.94	17.50	17.24	17.27
	1RB-Low (0)	2682.5 (41515)	17.34	17.81	17.59	17.52
		2637.8(41068)	17.16	17.43	17.32	17.37
		2593 (40620)	17.22	17.54	17.33	17.51
		2548.3(40173)	16.99	17.27	17.39	17.51
		2503.5 (39725)	16.94	17.36	17.29	17.48
	36RB-High (38)	2682.5 (41515)	17.38	17.44	17.48	17.34
		2637.8(41068)	17.20	17.24	17.22	17.36
		2593 (40620)	17.33	17.30	17.35	17.41
		2548.3(40173)	17.15	17.18	17.17	17.45
		2503.5 (39725)	17.15	17.18	17.19	17.33
	36RB-Middle (19)	2682.5 (41515)	17.35	17.35	17.36	17.40
		2637.8(41068)	17.24	17.28	17.23	17.43
		2593 (40620)	17.22	17.23	17.20	17.45
		2548.3(40173)	17.18	17.13	17.13	17.46
		2503.5 (39725)	17.15	17.21	17.19	17.32
	36RB-Low (0)	2682.5 (41515)	17.35	17.39	17.41	17.35
		2637.8(41068)	17.18	17.22	17.17	17.35
		2593 (40620)	17.25	17.23	17.18	17.45
2548.3(40173)		17.07	17.12	17.13	17.41	
2503.5 (39725)		17.13	17.20	17.18	17.35	
75RB (0)	2682.5 (41515)	17.36	17.44	17.42	17.43	
	2637.8(41068)	17.25	17.28	17.27	17.43	
	2593 (40620)	17.31	17.35	17.30	17.45	
	2548.3(40173)	17.16	17.21	17.17	17.43	
	2503.5 (39725)	17.13	17.19	17.17	17.30	

20MHz	1RB-High (99)	2680 (41490)	17.25	17.68	17.50	17.26
		2636.5(41055)	17.17	17.48	17.42	17.47
		2593 (40620)	17.11	17.44	17.59	17.35
		2549.5(40185)	16.94	17.32	17.32	17.52
		2506 (39750)	17.00	17.38	17.14	17.26
	1RB-Middle (50)	2680 (41490)	17.30	17.58	17.62	17.47
		2636.5(41055)	17.03	17.59	17.45	17.59
		2593 (40620)	17.13	17.86	17.56	17.73
		2549.5(40185)	17.00	17.61	17.54	17.55
		2506 (39750)	17.04	17.53	17.71	17.43
	1RB-Low (0)	2680 (41490)	17.36	17.58	17.49	17.48
		2636.5(41055)	17.19	17.63	17.52	17.46
		2593 (40620)	17.21	17.52	17.52	17.63
		2549.5(40185)	16.99	17.47	17.23	17.48
		2506 (39750)	16.93	17.46	17.23	17.34
	50RB-High (50)	2680 (41490)	17.39	17.43	17.35	17.38
		2636.5(41055)	17.22	17.23	17.22	17.39
		2593 (40620)	17.28	17.31	17.29	17.37
		2549.5(40185)	17.19	17.18	17.17	17.44
		2506 (39750)	17.16	17.24	17.20	17.30
	50RB-Middle (25)	2680 (41490)	17.35	17.37	17.38	17.32
		2636.5(41055)	17.25	17.27	17.26	17.43
		2593 (40620)	17.28	17.37	17.33	17.45
		2549.5(40185)	17.14	17.18	17.19	17.46
		2506 (39750)	17.17	17.21	17.18	17.30
	50RB-Low (0)	2680 (41490)	17.38	17.41	17.38	17.30
		2636.5(41055)	17.16	17.23	17.19	17.46
		2593 (40620)	17.28	17.25	17.27	17.39
2549.5(40185)		17.09	17.15	17.20	17.44	
2506 (39750)		17.08	17.17	17.15	17.30	
100RB (0)	2680 (41490)	17.34	17.35	17.39	17.33	
	2636.5(41055)	17.25	17.23	17.26	17.42	
	2593 (40620)	17.31	17.33	17.32	17.40	
	2549.5(40185)	17.18	17.20	17.16	17.42	
	2506 (39750)	17.16	17.23	17.21	17.34	

LTE Band41 PC2(ANT8 DSI 1_3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	18.71	18.11	17.83	13.86
		2640.3(41093)	19.95	19.25	18.25	15.04
		2593 (40620)	19.93	19.32	18.23	15.05
		2545.8(40148)	19.72	19.02	18.10	14.96
		2498.5 (39675)	18.05	17.32	16.26	13.77
	1RB-Middle (12)	2687.5 (41565)	18.77	18.13	17.90	13.91
		2640.3(41093)	19.97	19.53	18.31	15.01
		2593 (40620)	20.02	19.38	18.28	15.09
		2545.8(40148)	19.77	19.13	18.17	15.08
		2498.5 (39675)	18.09	17.26	16.15	13.82
	1RB-Low (0)	2687.5 (41565)	18.72	18.07	17.90	13.83
		2640.3(41093)	19.92	19.24	18.24	15.02
		2593 (40620)	19.97	19.33	18.23	15.08
		2545.8(40148)	19.67	19.03	18.06	14.95
		2498.5 (39675)	18.05	17.09	15.99	13.82
	12RB-High (13)	2687.5 (41565)	17.83	16.91	16.73	13.84
		2640.3(41093)	19.06	18.03	17.12	14.83
		2593 (40620)	19.04	18.21	17.21	14.89
		2545.8(40148)	18.79	17.94	16.97	14.76
		2498.5 (39675)	17.02	16.07	15.09	13.21
	12RB-Middle (6)	2687.5 (41565)	17.83	17.02	16.97	13.87
		2640.3(41093)	19.09	18.06	17.29	14.87
		2593 (40620)	19.07	18.01	17.09	14.86
		2545.8(40148)	18.87	17.98	17.05	14.80
		2498.5 (39675)	17.18	16.24	15.01	13.23
	12RB-Low (0)	2687.5 (41565)	17.88	16.99	16.89	13.82
		2640.3(41093)	18.95	18.09	17.03	14.81
		2593 (40620)	18.99	18.03	17.06	14.86
		2545.8(40148)	18.82	17.89	16.85	14.77
		2498.5 (39675)	17.09	16.02	15.12	13.21
25RB (0)	2687.5 (41565)	17.88	16.92	16.89	13.79	
	2640.3(41093)	19.01	18.05	17.10	14.85	
	2593 (40620)	19.03	18.05	17.05	14.85	
	2545.8(40148)	18.81	17.91	16.87	14.77	
	2498.5 (39675)	17.12	16.19	15.07	13.21	

10MHz	1RB-High (49)	2685 (41540)	18.71	17.98	17.77	13.82
		2639(41080)	19.91	19.40	18.96	14.98
		2593 (40620)	19.90	19.41	19.19	15.11
		2547(40160)	19.72	19.18	18.87	14.98
		2501 (39700)	18.03	17.56	16.36	13.77
	1RB-Middle (24)	2685 (41540)	18.73	18.06	17.92	13.87
		2639(41080)	19.98	19.26	19.25	15.03
		2593 (40620)	19.99	19.40	19.09	15.09
		2547(40160)	19.73	19.10	19.05	14.98
		2501 (39700)	18.03	17.43	16.14	13.78
	1RB-Low (0)	2685 (41540)	18.72	18.15	17.93	13.89
		2639(41080)	19.84	19.45	19.16	15.01
		2593 (40620)	20.02	19.35	19.31	15.07
		2547(40160)	19.68	19.24	18.96	14.96
		2501 (39700)	18.06	17.22	16.11	13.78
	25RB-High (25)	2685 (41540)	17.87	16.94	16.86	13.40
		2639(41080)	19.01	18.02	18.07	14.83
		2593 (40620)	19.08	18.11	18.10	14.89
		2547(40160)	18.81	17.90	17.81	14.81
		2501 (39700)	17.08	16.10	15.15	13.22
	25RB-Middle (12)	2685 (41540)	17.85	16.77	16.87	13.35
		2639(41080)	19.08	18.08	18.06	14.88
		2593 (40620)	19.04	18.06	18.04	14.86
		2547(40160)	18.87	17.93	17.92	14.81
		2501 (39700)	17.11	16.04	15.02	13.23
	25RB-Low (0)	2685 (41540)	17.81	16.84	16.85	13.35
		2639(41080)	18.93	17.99	17.95	14.81
		2593 (40620)	18.98	18.01	18.03	14.84
		2547(40160)	18.83	17.84	17.87	14.81
		2501 (39700)	17.23	16.08	15.07	13.22
50RB (0)	2685 (41540)	17.81	16.78	16.84	13.35	
	2639(41080)	19.03	18.04	18.01	14.84	
	2593 (40620)	18.98	18.00	18.02	14.85	
	2547(40160)	18.82	17.86	17.86	14.83	
	2501 (39700)	17.18	16.17	15.16	13.21	

15MHz	1RB-High (74)	2682.5 (41515)	18.49	17.79	17.72	13.74
		2637.8(41068)	19.81	19.11	18.99	14.94
		2593 (40620)	19.87	19.09	19.03	15.01
		2548.3(40173)	19.66	19.09	18.82	14.94
		2503.5 (39725)	18.13	17.26	17.31	13.63
	1RB-Middle (37)	2682.5 (41515)	18.49	18.12	17.89	13.77
		2637.8(41068)	19.76	19.39	19.04	14.91
		2593 (40620)	19.81	19.09	19.19	14.98
		2548.3(40173)	19.57	19.01	18.76	14.90
		2503.5 (39725)	18.14	17.16	17.16	13.70
	1RB-Low (0)	2682.5 (41515)	18.62	18.12	17.78	13.82
		2637.8(41068)	19.69	19.26	19.02	14.98
		2593 (40620)	19.88	19.16	19.20	15.00
		2548.3(40173)	19.54	18.84	18.68	14.92
		2503.5 (39725)	18.04	17.04	16.74	13.64
	36RB-High (38)	2682.5 (41515)	17.74	16.70	16.69	13.28
		2637.8(41068)	18.91	17.91	17.94	14.76
		2593 (40620)	18.94	17.95	17.92	14.84
		2548.3(40173)	18.74	17.75	17.73	14.72
		2503.5 (39725)	17.05	16.07	16.08	13.13
	36RB-Middle (19)	2682.5 (41515)	17.66	16.66	16.68	13.27
		2637.8(41068)	18.88	17.96	17.92	14.78
		2593 (40620)	18.87	17.90	17.85	14.82
		2548.3(40173)	18.72	17.76	17.72	14.74
		2503.5 (39725)	17.15	16.09	15.94	13.15
	36RB-Low (0)	2682.5 (41515)	17.69	16.73	16.72	13.29
		2637.8(41068)	18.82	17.85	17.87	14.76
		2593 (40620)	18.89	17.86	17.87	14.78
		2548.3(40173)	18.64	17.67	17.66	14.70
		2503.5 (39725)	17.05	16.11	15.81	13.10
75RB (0)	2682.5 (41515)	17.66	16.67	16.67	13.26	
	2637.8(41068)	18.85	17.93	17.89	14.79	
	2593 (40620)	18.86	17.90	17.88	14.76	
	2548.3(40173)	18.69	17.76	17.74	14.73	
	2503.5 (39725)	17.15	16.15	15.99	13.12	

20MHz	1RB-High (99)	2680 (41490)	18.91	18.08	17.28	13.89
		2636.5(41055)	20.18	19.51	18.58	15.06
		2593 (40620)	20.15	19.54	18.56	15.09
		2549.5(40185)	19.81	19.34	18.33	14.96
		2506 (39750)	18.36	17.77	16.77	13.72
	1RB-Middle (50)	2680 (41490)	18.90	18.46	17.19	13.87
		2636.5(41055)	20.09	20.01	18.56	15.01
		2593 (40620)	20.14	19.90	19.15	15.06
		2549.5(40185)	19.94	19.54	18.43	14.98
		2506 (39750)	18.26	17.57	16.76	13.77
	1RB-Low (0)	2680 (41490)	18.89	18.30	17.34	13.89
		2636.5(41055)	20.08	19.43	18.42	15.11
		2593 (40620)	20.20	19.54	18.59	15.12
		2549.5(40185)	19.87	19.27	18.23	15.08
		2506 (39750)	18.24	17.03	16.28	13.72
	50RB-High (50)	2680 (41490)	18.03	17.06	16.24	13.39
		2636.5(41055)	19.22	18.21	17.41	14.88
		2593 (40620)	19.24	18.25	17.45	14.93
		2549.5(40185)	19.01	18.03	17.23	14.80
		2506 (39750)	17.48	16.45	15.65	13.24
	50RB-Middle (25)	2680 (41490)	18.00	17.01	16.17	13.36
		2636.5(41055)	19.21	18.28	17.49	14.88
		2593 (40620)	19.20	18.18	17.42	14.90
		2549.5(40185)	19.06	18.06	17.21	14.81
		2506 (39750)	17.35	16.40	15.58	13.22
	50RB-Low (0)	2680 (41490)	18.03	16.94	16.20	13.37
		2636.5(41055)	19.15	18.20	17.37	14.85
		2593 (40620)	19.23	18.23	17.42	14.88
		2549.5(40185)	18.98	18.04	17.13	14.81
		2506 (39750)	17.14	16.14	15.33	13.19
100RB (0)	2680 (41490)	17.97	16.98	16.19	13.35	
	2636.5(41055)	19.21	18.22	17.42	14.86	
	2593 (40620)	19.20	18.20	17.38	14.86	
	2549.5(40185)	19.01	18.08	17.22	14.84	
	2506 (39750)	17.35	16.34	15.56	13.24	

LTE Band41 PC2(ANT8 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	14.72	14.88	14.97	14.93
		2640.3(41093)	14.64	15.15	15.24	15.20
		2593 (40620)	14.50	15.03	15.12	15.08
		2545.8(40148)	14.57	15.11	15.20	15.16
		2498.5 (39675)	14.48	15.05	15.14	15.10
	1RB-Middle (12)	2687.5 (41565)	14.84	15.08	15.17	15.13
		2640.3(41093)	14.71	15.05	15.14	15.10
		2593 (40620)	14.60	15.02	15.11	15.07
		2545.8(40148)	14.61	15.06	15.15	15.11
		2498.5 (39675)	14.53	15.07	15.16	15.12
	1RB-Low (0)	2687.5 (41565)	14.77	14.87	14.96	14.92
		2640.3(41093)	14.65	15.07	15.16	15.12
		2593 (40620)	14.46	14.98	15.07	15.03
		2545.8(40148)	14.56	15.02	15.11	15.07
		2498.5 (39675)	14.50	14.99	15.08	15.04
	12RB-High (13)	2687.5 (41565)	14.82	14.88	14.97	14.93
		2640.3(41093)	14.73	15.02	15.11	15.07
		2593 (40620)	14.56	14.83	14.92	14.89
		2545.8(40148)	14.65	14.83	14.92	14.88
		2498.5 (39675)	14.55	14.77	14.86	14.82
	12RB-Middle (6)	2687.5 (41565)	14.85	14.91	15.00	14.96
		2640.3(41093)	14.76	15.09	15.18	15.14
		2593 (40620)	14.64	14.90	14.98	14.95
		2545.8(40148)	14.65	14.87	14.96	14.92
		2498.5 (39675)	14.57	14.81	14.90	14.85
	12RB-Low (0)	2687.5 (41565)	14.78	14.85	14.94	14.90
		2640.3(41093)	14.64	14.92	15.01	14.97
		2593 (40620)	14.50	14.80	14.89	14.84
		2545.8(40148)	14.64	14.81	14.90	14.85
		2498.5 (39675)	14.54	14.76	14.84	14.80
25RB (0)	2687.5 (41565)	14.77	14.96	15.06	15.02	
	2640.3(41093)	14.75	14.85	14.94	14.90	
	2593 (40620)	14.61	14.79	14.89	14.84	
	2545.8(40148)	14.63	14.74	14.83	14.79	
	2498.5 (39675)	14.54	14.78	14.88	14.83	

10MHz	1RB-High (49)	2685 (41540)	14.68	15.01	15.10	15.06
		2639(41080)	14.63	15.10	15.18	15.14
		2593 (40620)	14.51	15.07	15.16	15.12
		2547(40160)	14.55	14.99	15.08	15.04
		2501 (39700)	14.47	15.01	15.10	15.06
	1RB-Middle (24)	2685 (41540)	14.78	15.02	15.11	15.07
		2639(41080)	14.73	14.92	15.01	14.97
		2593 (40620)	14.60	15.09	15.18	15.14
		2547(40160)	14.60	15.09	15.18	15.14
		2501 (39700)	14.56	15.02	15.11	15.07
	1RB-Low (0)	2685 (41540)	14.70	15.00	15.09	15.05
		2639(41080)	14.69	15.18	15.28	15.24
		2593 (40620)	14.55	15.07	15.16	15.12
		2547(40160)	14.67	15.00	15.09	15.05
		2501 (39700)	14.56	14.86	14.95	14.91
	25RB-High (25)	2685 (41540)	14.79	15.04	15.13	15.09
		2639(41080)	14.73	14.92	15.00	14.96
		2593 (40620)	14.58	14.75	14.84	14.80
		2547(40160)	14.58	14.73	14.82	14.78
		2501 (39700)	14.57	14.74	14.83	14.79
	25RB-Middle (12)	2685 (41540)	14.73	14.99	15.08	15.04
		2639(41080)	14.76	14.92	15.01	14.97
		2593 (40620)	14.63	14.77	14.86	14.82
		2547(40160)	14.63	14.76	14.85	14.81
		2501 (39700)	14.62	14.81	14.91	14.87
	25RB-Low (0)	2685 (41540)	14.69	14.96	15.05	15.00
		2639(41080)	14.64	14.83	14.92	14.88
		2593 (40620)	14.51	14.64	14.73	14.69
		2547(40160)	14.60	14.75	14.84	14.80
		2501 (39700)	14.59	14.75	14.83	14.80
50RB (0)	2685 (41540)	14.71	14.84	14.93	14.90	
	2639(41080)	14.71	14.89	14.98	14.94	
	2593 (40620)	14.56	14.72	14.80	14.77	
	2547(40160)	14.58	14.71	14.80	14.76	
	2501 (39700)	14.56	14.71	14.80	14.76	

15MHz	1RB-High (74)	2682.5 (41515)	14.60	15.08	15.17	15.13
		2637.8(41068)	14.57	15.02	15.11	15.07
		2593 (40620)	14.39	14.92	15.01	14.97
		2548.3(40173)	14.34	14.79	14.88	14.84
		2503.5 (39725)	14.25	14.83	14.92	14.88
	1RB-Middle (37)	2682.5 (41515)	14.57	14.96	15.06	15.02
		2637.8(41068)	14.55	14.96	15.05	15.00
		2593 (40620)	14.40	14.87	14.96	14.92
		2548.3(40173)	14.35	14.83	14.92	14.88
		2503.5 (39725)	14.35	14.83	14.92	14.88
	1RB-Low (0)	2682.5 (41515)	14.63	14.98	15.07	15.03
		2637.8(41068)	14.52	14.88	14.97	14.93
		2593 (40620)	14.34	14.88	14.97	14.93
		2548.3(40173)	14.45	14.86	14.95	14.91
		2503.5 (39725)	14.31	14.88	14.97	14.93
	36RB-High (38)	2682.5 (41515)	14.64	14.85	14.94	14.90
		2637.8(41068)	14.59	14.79	14.88	14.83
		2593 (40620)	14.47	14.61	14.71	14.66
		2548.3(40173)	14.45	14.64	14.73	14.68
		2503.5 (39725)	14.40	14.61	14.69	14.66
	36RB-Middle (19)	2682.5 (41515)	14.57	14.72	14.81	14.77
		2637.8(41068)	14.59	14.79	14.89	14.84
		2593 (40620)	14.44	14.65	14.74	14.69
		2548.3(40173)	14.47	14.62	14.72	14.67
		2503.5 (39725)	14.39	14.59	14.67	14.64
	36RB-Low (0)	2682.5 (41515)	14.58	14.77	14.85	14.81
		2637.8(41068)	14.51	14.71	14.80	14.76
		2593 (40620)	14.39	14.53	14.61	14.58
		2548.3(40173)	14.44	14.58	14.66	14.63
		2503.5 (39725)	14.42	14.63	14.72	14.68
75RB (0)	2682.5 (41515)	14.58	14.71	14.80	14.76	
	2637.8(41068)	14.56	14.76	14.84	14.80	
	2593 (40620)	14.43	14.65	14.74	14.69	
	2548.3(40173)	14.50	14.61	14.69	14.65	
	2503.5 (39725)	14.42	14.60	14.68	14.65	

20MHz	1RB-High (99)	2680 (41490)	14.77	15.13	15.18	15.11
		2636.5(41055)	14.71	14.98	14.92	15.09
		2593 (40620)	14.56	15.02	15.00	15.02
		2549.5(40185)	14.31	14.81	14.67	15.00
		2506 (39750)	14.35	15.13	14.32	14.87
	1RB-Middle (50)	2680 (41490)	14.84	15.11	15.42	15.07
		2636.5(41055)	14.55	15.04	15.13	14.94
		2593 (40620)	14.58	15.11	15.19	14.97
		2549.5(40185)	14.40	14.84	14.79	15.21
		2506 (39750)	14.13	14.64	14.53	15.18
	1RB-Low (0)	2680 (41490)	14.85	15.40	15.24	15.23
		2636.5(41055)	14.63	14.95	14.85	15.34
		2593 (40620)	14.63	14.99	15.04	14.97
		2549.5(40185)	14.45	14.75	14.64	15.12
		2506 (39750)	13.59	13.86	13.83	15.03
	50RB-High (50)	2680 (41490)	14.95	14.99	15.00	14.84
		2636.5(41055)	14.72	14.73	14.72	14.83
		2593 (40620)	14.70	14.67	14.75	14.74
		2549.5(40185)	14.50	14.58	14.50	14.65
		2506 (39750)	14.39	14.43	14.46	14.69
	50RB-Middle (25)	2680 (41490)	14.92	14.95	14.94	14.90
		2636.5(41055)	14.72	14.69	14.75	14.82
		2593 (40620)	14.75	14.77	14.78	14.69
		2549.5(40185)	14.53	14.56	14.55	14.66
		2506 (39750)	14.34	14.35	14.35	14.70
50RB-Low (0)	2680 (41490)	14.93	14.91	14.96	14.79	
	2636.5(41055)	14.62	14.64	14.67	14.87	
	2593 (40620)	14.71	14.71	14.71	14.64	
	2549.5(40185)	14.44	14.46	14.47	14.62	
	2506 (39750)	14.05	14.03	14.03	14.66	
100RB (0)	2680 (41490)	14.87	14.93	14.92	14.75	
	2636.5(41055)	14.71	14.74	14.73	14.83	
	2593 (40620)	14.76	14.75	14.77	14.70	
	2549.5(40185)	14.53	14.56	14.58	14.64	
	2506 (39750)	14.26	14.30	14.35	14.65	

LTE Band66(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	17.18	17.39	17.28	17.08
		1745 (132322)	17.17	17.65	17.35	17.15
		1710.7 (131979)	17.09	17.49	17.34	17.14
	1RB-Middle (3)	1779.3 (132665)	17.12	17.66	17.40	17.20
		1745 (132322)	17.18	17.64	17.41	17.21
		1710.7 (131979)	17.09	17.58	17.43	17.23
	1RB-Low (0)	1779.3 (132665)	17.17	17.35	17.29	17.09
		1745 (132322)	17.08	17.38	17.36	17.16
		1710.7 (131979)	17.14	17.33	17.32	17.12
	3RB-High (3)	1779.3 (132665)	17.09	17.20	17.15	16.95
		1745 (132322)	17.24	17.38	17.27	17.07
		1710.7 (131979)	17.27	17.30	17.27	17.07
	3RB-Middle (1)	1779.3 (132665)	17.02	17.38	17.10	16.90
		1745 (132322)	17.19	17.51	17.34	17.14
		1710.7 (131979)	17.19	17.45	17.25	17.05
	3RB-Low (0)	1779.3 (132665)	17.08	17.30	17.24	17.04
		1745 (132322)	17.15	17.31	17.24	17.04
		1710.7 (131979)	17.24	17.43	17.28	17.08
	6RB (0)	1779.3 (132665)	17.13	17.21	17.12	16.92
		1745 (132322)	17.25	17.31	17.24	17.04
		1710.7 (131979)	17.17	17.32	17.16	16.96
3MHz	1RB-High (14)	1778.5 (132657)	17.31	17.46	17.18	16.98
		1745 (132322)	17.31	17.55	17.35	17.15
		1711.5 (131987)	17.03	17.39	17.40	17.20
	1RB-Middle (7)	1778.5 (132657)	17.11	17.57	17.24	17.04
		1745 (132322)	17.23	17.60	17.37	17.17
		1711.5 (131987)	17.31	17.53	17.49	17.29
	1RB-Low (0)	1778.5 (132657)	16.93	17.31	17.02	16.82
		1745 (132322)	17.14	17.39	17.44	17.24
		1711.5 (131987)	17.16	17.55	17.18	16.98
	8RB-High (7)	1778.5 (132657)	17.15	17.19	17.13	16.93
		1745 (132322)	17.26	17.42	17.33	17.13
		1711.5 (131987)	17.20	17.36	17.25	17.05
	8RB-Middle (4)	1778.5 (132657)	17.14	17.30	17.19	16.99
		1745 (132322)	17.25	17.35	17.29	17.09
		1711.5 (131987)	17.28	17.30	17.29	17.09
	8RB-Low (0)	1778.5 (132657)	17.16	17.32	17.19	16.99
		1745 (132322)	17.16	17.27	17.13	16.93
		1711.5 (131987)	17.17	17.40	17.32	17.12
	15RB (0)	1778.5 (132657)	17.16	17.11	17.16	16.96
		1745 (132322)	17.16	17.19	17.18	16.98
		1711.5 (131987)	17.16	17.23	17.25	17.05

5MHz	1RB-High (24)	1777.5 (132647)	17.09	17.45	17.03	16.83
		1745 (132322)	17.26	17.37	17.43	17.23
		1712.5 (131997)	17.11	17.43	17.34	17.14
	1RB-Middle (12)	1777.5 (132647)	17.45	17.54	17.23	17.03
		1745 (132322)	17.47	17.66	17.55	17.34
		1712.5 (131997)	17.17	17.50	17.43	17.23
	1RB-Low (0)	1777.5 (132647)	17.12	17.53	17.30	17.10
		1745 (132322)	17.18	17.39	17.32	17.12
		1712.5 (131997)	17.08	17.43	17.32	17.12
	12RB-High (13)	1777.5 (132647)	17.12	17.32	17.19	16.99
		1745 (132322)	17.27	17.28	17.21	17.01
		1712.5 (131997)	17.21	17.33	17.31	17.11
	12RB-Middle (6)	1777.5 (132647)	17.24	17.17	17.15	16.95
		1745 (132322)	17.27	17.37	17.31	17.11
		1712.5 (131997)	17.29	17.32	17.34	17.14
	12RB-Low (0)	1777.5 (132647)	17.13	17.24	17.23	17.03
		1745 (132322)	17.21	17.18	17.21	17.01
		1712.5 (131997)	17.21	17.19	17.28	17.08
25RB (0)	1777.5 (132647)	17.18	17.18	17.14	16.94	
	1745 (132322)	17.24	17.15	17.16	16.96	
	1712.5 (131997)	17.19	17.25	17.29	17.09	
10MHz	1RB-High (49)	1775 (132622)	17.04	17.43	17.37	17.17
		1745 (132322)	17.21	17.34	17.35	17.15
		1715 (132022)	17.08	17.51	17.28	17.08
	1RB-Middle (24)	1775 (132622)	17.09	17.33	17.10	16.90
		1745 (132322)	17.18	17.52	17.41	17.21
		1715 (132022)	17.23	17.50	17.47	17.27
	1RB-Low (0)	1775 (132622)	17.20	17.64	17.26	17.06
		1745 (132322)	17.14	17.61	17.27	17.07
		1715 (132022)	17.18	17.47	17.47	17.27
	25RB-High (25)	1775 (132622)	17.20	17.21	17.12	16.92
		1745 (132322)	17.26	17.31	17.32	17.12
		1715 (132022)	17.25	17.25	17.27	17.07
	25RB-Middle (12)	1775 (132622)	17.20	17.29	17.18	16.98
		1745 (132322)	17.24	17.26	17.25	17.05
		1715 (132022)	17.29	17.31	17.30	17.10
	25RB-Low (0)	1775 (132622)	17.22	17.23	17.20	17.00
		1745 (132322)	17.21	17.17	17.22	17.02
		1715 (132022)	17.23	17.26	17.20	17.00
50RB (0)	1775 (132622)	17.23	17.19	17.25	17.05	
	1745 (132322)	17.21	17.29	17.20	17.00	
	1715 (132022)	17.23	17.30	17.30	17.10	

15MHz	1RB-High (74)	1772.5 (132597)	17.01	17.02	17.31	17.11
		1745 (132322)	17.10	17.18	17.45	17.25
		1717.5 (132047)	16.81	17.49	17.36	17.16
	1RB-Middle (37)	1772.5 (132597)	16.90	17.28	17.22	17.02
		1745 (132322)	16.95	17.40	17.31	17.11
		1717.5 (132047)	16.94	17.22	17.16	16.96
	1RB-Low (0)	1772.5 (132597)	16.77	17.23	17.14	16.94
		1745 (132322)	17.16	17.41	17.29	17.09
		1717.5 (132047)	16.95	17.34	17.09	16.89
	36RB-High (38)	1772.5 (132597)	17.03	17.13	17.09	16.89
		1745 (132322)	17.09	17.10	17.22	17.02
		1717.5 (132047)	17.07	17.08	17.11	16.91
	36RB-Middle (19)	1772.5 (132597)	17.03	17.13	17.04	16.84
		1745 (132322)	17.04	17.19	17.10	16.90
		1717.5 (132047)	17.11	17.11	17.06	16.86
	36RB-Low (0)	1772.5 (132597)	17.00	17.06	17.00	16.80
		1745 (132322)	17.00	17.04	17.00	16.80
		1717.5 (132047)	17.06	17.07	17.14	16.94
	75RB (0)	1772.5 (132597)	16.95	17.06	16.94	16.74
		1745 (132322)	17.13	17.08	17.13	16.93
		1717.5 (132047)	17.09	17.16	17.12	16.92
20MHz	1RB-High (99)	1770 (132572)	16.84	17.20	17.27	17.07
		1745 (132322)	17.22	17.51	17.23	17.03
		1720 (132072)	17.09	17.27	17.31	17.11
	1RB-Middle (50)	1770 (132572)	16.88	17.56	17.39	17.19
		1745 (132322)	17.03	17.37	17.26	17.06
		1720 (132072)	16.88	17.36	17.53	17.33
	1RB-Low (0)	1770 (132572)	17.02	17.08	17.14	16.94
		1745 (132322)	16.94	17.38	17.27	17.07
		1720 (132072)	16.97	17.24	17.28	17.08
	50RB-High (50)	1770 (132572)	17.04	17.11	17.08	16.88
		1745 (132322)	17.13	17.21	17.16	16.96
		1720 (132072)	17.12	17.10	17.08	16.88
	50RB-Middle (25)	1770 (132572)	16.91	17.04	16.93	16.73
		1745 (132322)	17.07	17.15	17.10	16.90
		1720 (132072)	17.06	17.13	17.18	16.98
	50RB-Low (0)	1770 (132572)	16.99	17.00	17.04	16.84
		1745 (132322)	17.04	17.09	17.10	16.90
		1720 (132072)	16.99	17.12	17.13	16.93
	100RB (0)	1770 (132572)	16.95	17.02	17.06	16.86
		1745 (132322)	17.01	17.14	17.13	16.93
		1720 (132072)	17.09	17.17	17.17	16.97

LTE Band66(ANT4 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	20.45	21.09	20.71	19.39
		1745 (132322)	20.61	20.98	20.75	19.43
		1710.7 (131979)	20.48	20.97	20.77	19.45
	1RB-Middle (3)	1779.3 (132665)	20.54	21.01	20.91	19.58
		1745 (132322)	20.66	21.00	20.89	19.56
		1710.7 (131979)	20.59	21.03	20.88	19.55
	1RB-Low (0)	1779.3 (132665)	20.45	21.12	20.75	19.43
		1745 (132322)	20.61	21.04	20.91	19.58
		1710.7 (131979)	20.64	21.03	20.70	19.38
	3RB-High (3)	1779.3 (132665)	20.59	20.71	20.52	19.21
		1745 (132322)	20.60	20.86	20.75	19.43
		1710.7 (131979)	20.41	20.92	20.66	19.35
	3RB-Middle (1)	1779.3 (132665)	20.52	20.77	20.56	19.25
		1745 (132322)	20.64	20.81	20.67	19.36
		1710.7 (131979)	20.67	20.73	20.68	19.36
	3RB-Low (0)	1779.3 (132665)	20.46	20.68	20.62	19.31
		1745 (132322)	20.72	21.03	20.86	19.53
		1710.7 (131979)	20.66	20.73	20.67	19.36
	6RB (0)	1779.3 (132665)	20.59	20.62	20.57	19.26
		1745 (132322)	20.69	20.73	20.67	19.36
		1710.7 (131979)	20.57	20.71	20.68	19.36
3MHz	1RB-High (14)	1778.5 (132657)	20.48	20.97	20.53	19.22
		1745 (132322)	20.54	20.86	20.60	19.29
		1711.5 (131987)	20.55	21.05	20.50	19.20
	1RB-Middle (7)	1778.5 (132657)	20.55	20.99	20.82	19.50
		1745 (132322)	20.67	21.09	20.87	19.54
		1711.5 (131987)	20.58	20.82	20.79	19.47
	1RB-Low (0)	1778.5 (132657)	20.49	20.76	20.69	19.37
		1745 (132322)	20.55	20.94	20.61	19.30
		1711.5 (131987)	20.58	20.80	20.59	19.28
	8RB-High (7)	1778.5 (132657)	20.62	20.66	20.55	19.24
		1745 (132322)	20.71	20.76	20.73	19.41
		1711.5 (131987)	20.62	20.68	20.64	19.33
	8RB-Middle (4)	1778.5 (132657)	20.62	20.63	20.61	19.30
		1745 (132322)	20.69	20.80	20.73	19.41
		1711.5 (131987)	20.64	20.80	20.68	19.36
	8RB-Low (0)	1778.5 (132657)	20.62	20.69	20.64	19.33
		1745 (132322)	20.64	20.70	20.65	19.34
		1711.5 (131987)	20.65	20.71	20.66	19.35
	15RB (0)	1778.5 (132657)	20.58	20.67	20.55	19.24
		1745 (132322)	20.63	20.59	20.67	19.36
		1711.5 (131987)	20.72	20.61	20.71	19.39

5MHz	1RB-High (24)	1777.5 (132647)	20.69	20.85	20.58	19.27
		1745 (132322)	20.68	21.01	20.82	19.50
		1712.5 (131997)	20.50	20.94	20.77	19.45
	1RB-Middle (12)	1777.5 (132647)	20.69	20.97	20.76	19.44
		1745 (132322)	20.90	21.04	21.07	19.73
		1712.5 (131997)	20.73	21.07	20.71	19.39
	1RB-Low (0)	1777.5 (132647)	20.52	20.86	20.68	19.36
		1745 (132322)	20.68	20.93	20.80	19.48
		1712.5 (131997)	20.62	20.92	20.61	19.30
	12RB-High (13)	1777.5 (132647)	20.67	20.58	20.58	19.27
		1745 (132322)	20.71	20.73	20.80	19.48
		1712.5 (131997)	20.63	20.62	20.59	19.28
	12RB-Middle (6)	1777.5 (132647)	20.63	20.75	20.67	19.36
		1745 (132322)	20.62	20.73	20.72	19.40
		1712.5 (131997)	20.63	20.74	20.66	19.35
	12RB-Low (0)	1777.5 (132647)	20.67	20.62	20.66	19.35
		1745 (132322)	20.64	20.65	20.63	19.32
		1712.5 (131997)	20.63	20.69	20.65	19.34
	25RB (0)	1777.5 (132647)	20.53	20.64	20.59	19.28
		1745 (132322)	20.62	20.54	20.66	19.35
		1712.5 (131997)	20.61	20.68	20.66	19.35
10MHz	1RB-High (49)	1775 (132622)	20.55	20.87	20.65	19.34
		1745 (132322)	20.66	20.98	20.82	19.50
		1715 (132022)	20.60	21.02	20.57	19.26
	1RB-Middle (24)	1775 (132622)	20.66	20.75	20.64	19.33
		1745 (132322)	20.63	20.77	20.91	19.58
		1715 (132022)	20.56	20.76	20.99	19.65
	1RB-Low (0)	1775 (132622)	20.59	20.96	21.03	19.69
		1745 (132322)	20.55	21.00	20.72	19.40
		1715 (132022)	20.54	20.82	20.76	19.44
	25RB-High (25)	1775 (132622)	20.60	20.60	20.55	19.24
		1745 (132322)	20.68	20.73	20.87	19.54
		1715 (132022)	20.64	20.66	20.70	19.38
	25RB-Middle (12)	1775 (132622)	20.71	20.66	20.60	19.29
		1745 (132322)	20.65	20.67	20.72	19.40
		1715 (132022)	20.70	20.83	20.66	19.35
	25RB-Low (0)	1775 (132622)	20.69	20.62	20.57	19.26
		1745 (132322)	20.66	20.69	20.68	19.36
		1715 (132022)	20.62	20.71	20.63	19.32
	50RB (0)	1775 (132622)	20.67	20.65	20.56	19.25
		1745 (132322)	20.71	20.66	20.74	19.42
		1715 (132022)	20.65	20.60	20.69	19.37

15MHz	1RB-High (74)	1772.5 (132597)	20.33	20.69	20.62	19.31
		1745 (132322)	20.55	20.71	20.64	19.33
		1717.5 (132047)	20.49	20.75	20.60	19.29
	1RB-Middle (37)	1772.5 (132597)	20.42	21.00	20.56	19.25
		1745 (132322)	20.60	20.77	20.55	19.24
		1717.5 (132047)	20.37	20.62	20.40	19.10
	1RB-Low (0)	1772.5 (132597)	20.32	20.66	20.42	19.12
		1745 (132322)	20.39	20.63	20.62	19.31
		1717.5 (132047)	20.32	20.56	20.67	19.36
	36RB-High (38)	1772.5 (132597)	20.47	20.66	20.16	18.88
		1745 (132322)	20.56	20.54	20.58	19.27
		1717.5 (132047)	20.49	20.49	20.53	19.22
	36RB-Middle (19)	1772.5 (132597)	20.52	20.35	20.45	19.15
		1745 (132322)	20.43	20.58	20.49	19.19
		1717.5 (132047)	20.55	20.50	20.51	19.21
	36RB-Low (0)	1772.5 (132597)	20.55	20.60	20.46	19.16
		1745 (132322)	20.59	20.53	20.51	19.21
		1717.5 (132047)	20.55	20.49	20.52	19.21
75RB (0)	1772.5 (132597)	20.52	20.50	20.49	19.19	
	1745 (132322)	20.54	20.54	20.49	19.19	
	1717.5 (132047)	20.55	20.54	20.50	19.20	
20MHz	1RB-High (99)	1770 (132572)	20.33	20.86	20.72	19.40
		1745 (132322)	20.51	20.73	20.40	19.10
		1720 (132072)	20.43	20.87	20.66	19.35
	1RB-Middle (50)	1770 (132572)	20.38	20.91	21.00	19.66
		1745 (132322)	20.46	21.01	21.08	19.83
		1720 (132072)	20.27	20.68	20.36	19.06
	1RB-Low (0)	1770 (132572)	20.33	20.70	20.46	19.16
		1745 (132322)	20.63	20.87	20.91	19.58
		1720 (132072)	20.43	20.97	20.49	19.19
	50RB-High (50)	1770 (132572)	20.53	20.55	20.81	19.49
		1745 (132322)	20.50	20.63	20.50	19.20
		1720 (132072)	20.59	20.56	20.55	19.24
	50RB-Middle (25)	1770 (132572)	20.51	20.59	20.47	19.17
		1745 (132322)	20.55	20.49	20.54	19.23
		1720 (132072)	20.50	20.46	20.49	19.19
	50RB-Low (0)	1770 (132572)	20.56	20.53	20.48	19.18
		1745 (132322)	20.56	20.51	20.62	19.31
		1720 (132072)	20.43	20.51	20.49	19.19
100RB (0)	1770 (132572)	20.53	20.57	20.48	19.18	
	1745 (132322)	20.55	20.57	20.52	19.21	
	1720 (132072)	20.56	20.49	20.57	19.26	

LTE Band66(ANT4 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	12.32	12.51	12.27	12.46
		1745 (132322)	12.22	12.35	12.26	12.26
		1710.7 (131979)	12.43	12.30	12.40	12.32
	1RB-Middle (3)	1779.3 (132665)	12.37	12.32	12.33	12.29
		1745 (132322)	12.20	12.36	12.45	12.31
		1710.7 (131979)	12.33	12.47	12.33	12.49
	1RB-Low (0)	1779.3 (132665)	12.29	12.31	12.35	12.50
		1745 (132322)	12.17	12.27	12.39	12.45
		1710.7 (131979)	12.31	12.27	12.41	12.27
	3RB-High (3)	1779.3 (132665)	12.30	12.31	12.50	12.47
		1745 (132322)	12.19	12.38	12.31	12.41
		1710.7 (131979)	12.37	12.36	12.35	12.34
	3RB-Middle (1)	1779.3 (132665)	12.29	12.28	12.42	12.48
		1745 (132322)	12.19	12.22	12.41	12.30
		1710.7 (131979)	12.36	12.40	12.48	12.37
	3RB-Low (0)	1779.3 (132665)	12.29	12.35	12.31	12.40
		1745 (132322)	12.25	12.38	12.49	12.45
		1710.7 (131979)	12.33	12.36	12.32	12.32
	6RB (0)	1779.3 (132665)	12.31	12.31	12.43	12.39
		1745 (132322)	12.23	12.17	12.38	12.45
		1710.7 (131979)	12.39	12.34	12.27	12.34
3MHz	1RB-High (14)	1778.5 (132657)	12.28	12.45	12.35	12.34
		1745 (132322)	12.15	12.38	12.45	12.27
		1711.5 (131987)	12.33	12.44	12.48	12.48
	1RB-Middle (7)	1778.5 (132657)	12.33	12.40	12.35	12.27
		1745 (132322)	12.31	12.50	12.38	12.30
		1711.5 (131987)	12.46	12.26	12.30	12.45
	1RB-Low (0)	1778.5 (132657)	12.22	12.47	12.29	12.28
		1745 (132322)	12.12	12.30	12.49	12.34
		1711.5 (131987)	12.35	12.38	12.39	12.35
	8RB-High (7)	1778.5 (132657)	12.26	12.27	12.27	12.39
		1745 (132322)	12.29	12.22	12.29	12.50
		1711.5 (131987)	12.39	12.45	12.33	12.30
	8RB-Middle (4)	1778.5 (132657)	12.36	12.23	12.48	12.43
		1745 (132322)	12.30	12.27	12.50	12.34
		1711.5 (131987)	12.47	12.39	12.42	12.27
	8RB-Low (0)	1778.5 (132657)	12.27	12.28	12.45	12.41
		1745 (132322)	12.17	12.20	12.34	12.49
		1711.5 (131987)	12.40	12.36	12.31	12.26
	15RB (0)	1778.5 (132657)	12.31	12.22	12.44	12.42
		1745 (132322)	12.26	12.20	12.40	12.41
		1711.5 (131987)	12.40	12.33	12.31	12.27

5MHz	1RB-High (24)	1777.5 (132647)	12.25	12.27	12.50	12.34
		1745 (132322)	12.19	12.48	12.43	12.34
		1712.5 (131997)	12.33	12.53	12.33	12.40
	1RB-Middle (12)	1777.5 (132647)	12.33	12.37	12.40	12.49
		1745 (132322)	12.22	12.33	12.35	12.42
		1712.5 (131997)	12.36	12.33	12.54	12.34
	1RB-Low (0)	1777.5 (132647)	12.34	12.41	12.43	12.47
		1745 (132322)	12.20	12.40	12.48	12.43
		1712.5 (131997)	12.27	12.54	12.41	12.49
	12RB-High (13)	1777.5 (132647)	12.32	12.17	12.49	12.41
		1745 (132322)	12.23	12.21	12.29	12.33
		1712.5 (131997)	12.42	12.35	12.35	12.27
	12RB-Middle (6)	1777.5 (132647)	12.30	12.23	12.31	12.42
		1745 (132322)	12.30	12.24	12.47	12.41
		1712.5 (131997)	12.46	12.42	12.40	12.30
	12RB-Low (0)	1777.5 (132647)	12.30	12.25	12.49	12.43
		1745 (132322)	12.21	12.12	12.44	12.43
		1712.5 (131997)	12.44	12.34	12.33	12.32
	25RB (0)	1777.5 (132647)	12.32	12.21	12.28	12.35
		1745 (132322)	12.27	12.20	12.42	12.44
		1712.5 (131997)	12.45	12.36	12.35	12.50
10MHz	1RB-High (49)	1775 (132622)	12.33	12.45	12.48	12.43
		1745 (132322)	12.13	12.28	12.50	12.50
		1715 (132022)	12.28	12.45	12.41	12.42
	1RB-Middle (24)	1775 (132622)	12.30	12.43	12.43	12.27
		1745 (132322)	12.25	12.36	12.48	12.41
		1715 (132022)	12.36	12.42	12.35	12.40
	1RB-Low (0)	1775 (132622)	12.24	12.30	12.34	12.46
		1745 (132322)	12.27	12.45	12.34	12.43
		1715 (132022)	12.39	12.34	12.30	12.32
	25RB-High (25)	1775 (132622)	12.33	12.26	12.44	12.35
		1745 (132322)	12.25	12.15	12.36	12.47
		1715 (132022)	12.39	12.29	12.26	12.46
	25RB-Middle (12)	1775 (132622)	12.24	12.22	12.36	12.45
		1745 (132322)	12.30	12.21	12.44	12.42
		1715 (132022)	12.42	12.31	12.34	12.27
	25RB-Low (0)	1775 (132622)	12.26	12.17	12.46	12.31
		1745 (132322)	12.19	12.18	12.33	12.46
		1715 (132022)	12.41	12.35	12.33	12.27
	50RB (0)	1775 (132622)	12.26	12.14	12.44	12.34
		1745 (132322)	12.27	12.20	12.42	12.40
		1715 (132022)	12.45	12.35	12.35	12.46

15MHz	1RB-High (74)	1772.5 (132597)	12.16	12.54	12.33	12.36
		1745 (132322)	12.14	12.17	12.35	12.38
		1717.5 (132047)	12.21	12.20	12.46	12.34
	1RB-Middle (37)	1772.5 (132597)	12.08	12.25	12.31	12.45
		1745 (132322)	12.05	12.17	12.38	12.47
		1717.5 (132047)	12.19	12.47	12.40	12.40
	1RB-Low (0)	1772.5 (132597)	12.00	12.22	12.46	12.31
		1745 (132322)	12.09	12.30	12.35	12.36
		1717.5 (132047)	12.26	12.27	12.43	12.35
	36RB-High (38)	1772.5 (132597)	12.19	12.14	12.36	12.29
		1745 (132322)	12.22	12.05	12.25	12.40
		1717.5 (132047)	12.25	12.17	12.41	12.42
	36RB-Middle (19)	1772.5 (132597)	12.19	11.95	12.26	12.20
		1745 (132322)	12.19	12.12	12.39	12.30
		1717.5 (132047)	12.26	12.16	12.26	12.40
	36RB-Low (0)	1772.5 (132597)	12.13	11.96	12.24	12.31
		1745 (132322)	12.08	12.03	12.25	12.31
		1717.5 (132047)	12.37	12.27	12.48	12.37
	75RB (0)	1772.5 (132597)	12.14	12.09	12.31	12.24
		1745 (132322)	12.18	12.06	12.29	12.35
		1717.5 (132047)	12.25	12.21	12.36	12.37
20MHz	1RB-High (99)	1770 (132572)	12.05	12.30	12.39	12.25
		1745 (132322)	12.21	12.36	12.31	12.48
		1720 (132072)	12.14	12.46	12.20	12.37
	1RB-Middle (50)	1770 (132572)	12.14	12.31	12.22	12.45
		1745 (132322)	12.20	12.33	12.21	12.34
		1720 (132072)	12.07	12.29	12.11	12.37
	1RB-Low (0)	1770 (132572)	12.05	12.21	12.13	12.39
		1745 (132322)	12.21	12.44	12.33	12.46
		1720 (132072)	12.16	12.51	12.37	12.41
	50RB-High (50)	1770 (132572)	12.17	12.20	12.21	12.31
		1745 (132322)	12.30	12.29	12.27	12.40
		1720 (132072)	12.22	12.13	12.23	12.38
	50RB-Middle (25)	1770 (132572)	12.17	12.08	12.10	12.35
		1745 (132322)	12.29	12.27	12.16	12.35
		1720 (132072)	12.24	12.24	12.31	12.40
	50RB-Low (0)	1770 (132572)	12.06	12.17	12.14	12.32
		1745 (132322)	12.22	12.16	12.15	12.36
		1720 (132072)	12.14	12.13	12.10	12.26
	100RB (0)	1770 (132572)	12.16	12.10	12.18	12.26
		1745 (132322)	12.27	12.20	12.23	12.32
		1720 (132072)	12.22	12.23	12.31	12.36

LTE Band66(ANT4 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	11.22	11.38	11.19	11.15
		1745 (132322)	11.23	11.58	11.43	11.39
		1710.7 (131979)	11.19	11.50	11.37	11.33
	1RB-Middle (3)	1779.3 (132665)	11.21	11.66	11.35	11.31
		1745 (132322)	11.30	11.69	11.48	11.44
		1710.7 (131979)	11.18	11.66	11.43	11.39
	1RB-Low (0)	1779.3 (132665)	11.16	11.55	11.29	11.25
		1745 (132322)	11.09	11.55	11.25	11.21
		1710.7 (131979)	11.11	11.54	11.57	11.53
	3RB-High (3)	1779.3 (132665)	11.16	11.31	11.23	11.19
		1745 (132322)	11.21	11.35	11.37	11.33
		1710.7 (131979)	11.20	11.39	11.19	11.15
	3RB-Middle (1)	1779.3 (132665)	11.13	11.29	11.22	11.18
		1745 (132322)	11.23	11.33	11.37	11.33
		1710.7 (131979)	11.17	11.34	11.28	11.24
	3RB-Low (0)	1779.3 (132665)	11.06	11.24	11.29	11.25
		1745 (132322)	11.15	11.30	11.32	11.28
		1710.7 (131979)	11.24	11.29	11.39	11.35
	6RB (0)	1779.3 (132665)	11.13	11.16	11.06	11.02
		1745 (132322)	11.23	11.26	11.34	11.30
		1710.7 (131979)	11.16	11.36	11.23	11.19
3MHz	1RB-High (14)	1778.5 (132657)	11.08	11.44	11.25	11.21
		1745 (132322)	11.15	11.62	11.39	11.35
		1711.5 (131987)	11.14	11.58	11.31	11.27
	1RB-Middle (7)	1778.5 (132657)	11.20	11.52	11.40	11.36
		1745 (132322)	11.25	11.58	11.35	11.31
		1711.5 (131987)	11.23	11.58	11.33	11.29
	1RB-Low (0)	1778.5 (132657)	11.05	11.44	11.26	11.22
		1745 (132322)	11.14	11.41	11.31	11.27
		1711.5 (131987)	11.12	11.48	11.13	11.09
	8RB-High (7)	1778.5 (132657)	11.13	11.25	11.20	11.16
		1745 (132322)	11.31	11.39	11.26	11.22
		1711.5 (131987)	11.26	11.27	11.26	11.22
	8RB-Middle (4)	1778.5 (132657)	11.12	11.32	11.21	11.17
		1745 (132322)	11.26	11.35	11.33	11.29
		1711.5 (131987)	11.28	11.43	11.36	11.32
	8RB-Low (0)	1778.5 (132657)	11.21	11.37	11.10	11.06
		1745 (132322)	11.18	11.27	11.22	11.18
		1711.5 (131987)	11.21	11.37	11.24	11.20
	15RB (0)	1778.5 (132657)	11.18	11.20	11.26	11.22
		1745 (132322)	11.20	11.21	11.19	11.15
		1711.5 (131987)	11.27	11.25	11.22	11.18

5MHz	1RB-High (24)	1777.5 (132647)	11.06	11.43	11.31	11.27
		1745 (132322)	11.13	11.41	11.33	11.29
		1712.5 (131997)	11.14	11.48	11.21	11.17
	1RB-Middle (12)	1777.5 (132647)	11.21	11.39	11.37	11.33
		1745 (132322)	11.23	11.62	11.40	11.36
		1712.5 (131997)	11.21	11.54	11.46	11.42
	1RB-Low (0)	1777.5 (132647)	11.08	11.41	11.13	11.09
		1745 (132322)	11.17	11.56	11.32	11.28
		1712.5 (131997)	11.20	11.49	11.42	11.38
	12RB-High (13)	1777.5 (132647)	11.20	11.25	11.13	11.09
		1745 (132322)	11.21	11.26	11.31	11.27
		1712.5 (131997)	11.24	11.27	11.22	11.18
	12RB-Middle (6)	1777.5 (132647)	11.27	11.22	11.20	11.16
		1745 (132322)	11.31	11.34	11.38	11.34
		1712.5 (131997)	11.32	11.32	11.30	11.26
	12RB-Low (0)	1777.5 (132647)	11.21	11.17	11.22	11.18
		1745 (132322)	11.17	11.27	11.19	11.15
		1712.5 (131997)	11.26	11.24	11.25	11.21
	25RB (0)	1777.5 (132647)	11.15	11.17	11.18	11.14
		1745 (132322)	11.19	11.23	11.11	11.07
		1712.5 (131997)	11.21	11.28	11.27	11.23
10MHz	1RB-High (49)	1775 (132622)	11.07	11.50	11.21	11.17
		1745 (132322)	11.23	11.60	11.25	11.21
		1715 (132022)	11.16	11.58	11.15	11.11
	1RB-Middle (24)	1775 (132622)	11.22	11.58	11.35	11.31
		1745 (132322)	11.22	11.49	11.32	11.28
		1715 (132022)	11.18	11.64	11.24	11.20
	1RB-Low (0)	1775 (132622)	11.11	11.50	11.27	11.23
		1745 (132322)	11.14	11.61	11.41	11.37
		1715 (132022)	11.17	11.48	11.28	11.24
	25RB-High (25)	1775 (132622)	11.19	11.23	11.20	11.16
		1745 (132322)	11.26	11.28	11.30	11.26
		1715 (132022)	11.21	11.25	11.27	11.23
	25RB-Middle (12)	1775 (132622)	11.26	11.28	11.18	11.14
		1745 (132322)	11.19	11.26	11.25	11.21
		1715 (132022)	11.33	11.26	11.28	11.24
	25RB-Low (0)	1775 (132622)	11.23	11.22	11.29	11.25
		1745 (132322)	11.18	11.21	11.27	11.23
		1715 (132022)	11.29	11.26	11.26	11.22
	50RB (0)	1775 (132622)	11.21	11.25	11.24	11.20
		1745 (132322)	11.17	11.22	11.14	11.10
		1715 (132022)	11.24	11.28	11.30	11.26

15MHz	1RB-High (74)	1772.5 (132597)	10.94	11.30	11.04	11.00
		1745 (132322)	11.05	11.45	11.23	11.19
		1717.5 (132047)	10.94	11.34	11.17	11.13
	1RB-Middle (37)	1772.5 (132597)	10.85	11.24	11.18	11.14
		1745 (132322)	11.02	11.19	11.15	11.11
		1717.5 (132047)	10.99	11.12	11.04	11.00
	1RB-Low (0)	1772.5 (132597)	10.95	11.13	11.03	10.99
		1745 (132322)	10.98	11.17	11.06	11.02
		1717.5 (132047)	11.10	11.31	11.11	11.07
	36RB-High (38)	1772.5 (132597)	11.05	11.13	11.11	11.07
		1745 (132322)	11.17	11.21	11.18	11.14
		1717.5 (132047)	11.11	11.14	11.12	11.08
	36RB-Middle (19)	1772.5 (132597)	11.09	11.11	11.09	11.05
		1745 (132322)	10.96	11.14	11.08	11.04
		1717.5 (132047)	11.08	11.10	11.19	11.15
	36RB-Low (0)	1772.5 (132597)	11.02	11.03	11.04	11.00
		1745 (132322)	11.10	11.05	11.15	11.11
		1717.5 (132047)	11.07	11.20	11.18	11.14
	75RB (0)	1772.5 (132597)	11.00	11.04	10.95	10.91
		1745 (132322)	11.06	11.12	11.11	11.07
		1717.5 (132047)	11.08	11.11	11.10	11.06
20MHz	1RB-High (99)	1770 (132572)	10.80	11.30	10.97	10.93
		1745 (132322)	11.04	11.46	11.28	11.24
		1720 (132072)	11.00	11.60	11.25	11.21
	1RB-Middle (50)	1770 (132572)	10.94	11.69	11.04	11.00
		1745 (132322)	11.08	11.39	11.31	11.27
		1720 (132072)	11.02	11.15	11.17	11.13
	1RB-Low (0)	1770 (132572)	10.99	11.11	11.13	11.09
		1745 (132322)	11.23	11.36	11.02	10.98
		1720 (132072)	10.96	11.29	11.33	11.29
	50RB-High (50)	1770 (132572)	11.05	11.12	11.06	11.02
		1745 (132322)	11.11	11.15	11.18	11.14
		1720 (132072)	11.05	11.10	11.04	11.00
	50RB-Middle (25)	1770 (132572)	11.01	11.05	11.00	10.96
		1745 (132322)	11.13	11.18	11.05	11.01
		1720 (132072)	11.10	11.13	11.11	11.07
	50RB-Low (0)	1770 (132572)	10.95	11.00	10.96	10.92
		1745 (132322)	11.07	11.03	11.04	11.00
		1720 (132072)	11.01	11.12	11.04	11.00
	100RB (0)	1770 (132572)	10.95	10.96	11.05	11.01
		1745 (132322)	11.11	11.09	11.00	10.96
		1720 (132072)	11.10	11.12	11.11	11.07

LTE Band66(ANT1 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	23.96	23.48	22.26	19.36
		1745 (132322)	24.15	23.58	22.47	19.06
		1710.7 (131979)	24.19	23.61	22.25	19.15
	1RB-Middle (3)	1779.3 (132665)	23.82	23.52	22.05	19.11
		1745 (132322)	24.19	23.54	22.54	19.13
		1710.7 (131979)	24.07	23.43	22.45	19.03
	1RB-Low (0)	1779.3 (132665)	23.82	23.24	22.11	19.04
		1745 (132322)	24.16	23.61	22.34	19.35
		1710.7 (131979)	23.99	23.58	22.29	19.07
	3RB-High (3)	1779.3 (132665)	24.02	23.30	22.15	19.01
		1745 (132322)	24.18	23.51	22.15	18.92
		1710.7 (131979)	24.09	23.30	22.28	19.19
	3RB-Middle (1)	1779.3 (132665)	24.02	23.19	22.17	19.02
		1745 (132322)	24.25	23.45	22.42	19.12
		1710.7 (131979)	24.15	23.21	22.39	19.24
	3RB-Low (0)	1779.3 (132665)	24.00	23.08	22.07	18.91
		1745 (132322)	24.20	23.13	22.38	19.35
		1710.7 (131979)	23.99	23.16	22.48	19.15
	6RB (0)	1779.3 (132665)	23.06	22.10	21.07	18.89
		1745 (132322)	23.19	22.22	21.10	18.98
		1710.7 (131979)	23.17	22.24	21.21	19.17
3MHz	1RB-High (14)	1778.5 (132657)	23.97	23.26	22.11	19.18
		1745 (132322)	24.02	23.55	22.41	19.09
		1711.5 (131987)	24.08	23.38	22.30	19.02
	1RB-Middle (7)	1778.5 (132657)	23.97	23.35	22.09	19.08
		1745 (132322)	24.12	23.36	22.29	19.12
		1711.5 (131987)	24.19	23.56	22.53	19.35
	1RB-Low (0)	1778.5 (132657)	23.95	23.20	22.00	19.10
		1745 (132322)	23.97	23.34	22.34	19.18
		1711.5 (131987)	24.13	23.47	22.32	19.21
	8RB-High (7)	1778.5 (132657)	23.05	22.23	21.07	18.89
		1745 (132322)	23.34	22.30	21.18	19.04
		1711.5 (131987)	23.27	22.25	21.33	19.12
	8RB-Middle (4)	1778.5 (132657)	23.06	22.23	21.09	18.94
		1745 (132322)	23.22	22.37	21.31	19.20
		1711.5 (131987)	23.27	22.41	21.30	19.07
	8RB-Low (0)	1778.5 (132657)	23.12	22.15	21.08	18.92
		1745 (132322)	23.20	22.33	21.23	19.03
		1711.5 (131987)	23.27	22.33	21.34	19.06
	15RB (0)	1778.5 (132657)	23.03	22.11	21.08	18.93
		1745 (132322)	23.15	22.25	21.26	18.92
		1711.5 (131987)	23.22	22.30	21.31	19.09

5MHz	1RB-High (24)	1777.5 (132647)	24.16	23.22	22.14	19.17
		1745 (132322)	24.13	23.36	22.29	19.20
		1712.5 (131997)	24.17	23.53	22.36	19.29
	1RB-Middle (12)	1777.5 (132647)	24.12	23.34	22.29	19.03
		1745 (132322)	24.32	23.39	22.59	19.31
		1712.5 (131997)	24.23	23.71	22.51	19.17
	1RB-Low (0)	1777.5 (132647)	24.02	23.41	22.07	19.01
		1745 (132322)	24.10	23.46	22.39	19.33
		1712.5 (131997)	24.15	23.57	22.50	19.03
	12RB-High (13)	1777.5 (132647)	23.05	22.14	21.11	18.92
		1745 (132322)	23.17	22.31	21.27	19.16
		1712.5 (131997)	23.24	22.27	21.32	19.09
	12RB-Middle (6)	1777.5 (132647)	23.10	22.12	21.19	18.93
		1745 (132322)	23.18	22.25	21.25	18.92
		1712.5 (131997)	23.26	22.33	21.23	19.12
	12RB-Low (0)	1777.5 (132647)	23.09	22.15	21.14	18.94
		1745 (132322)	23.11	22.25	21.25	18.94
		1712.5 (131997)	23.23	22.31	21.29	19.15
	25RB (0)	1777.5 (132647)	23.01	22.08	21.14	18.82
		1745 (132322)	23.15	22.17	21.17	18.95
		1712.5 (131997)	23.18	22.27	21.28	19.04
10MHz	1RB-High (49)	1775 (132622)	24.12	23.39	22.25	19.33
		1745 (132322)	24.30	23.86	22.50	19.04
		1715 (132022)	24.17	23.72	22.26	19.31
	1RB-Middle (24)	1775 (132622)	24.19	23.37	22.20	19.08
		1745 (132322)	24.22	23.65	22.43	19.30
		1715 (132022)	24.16	23.47	22.28	19.29
	1RB-Low (0)	1775 (132622)	24.09	23.44	22.12	18.99
		1745 (132322)	24.18	23.64	22.38	19.33
		1715 (132022)	24.29	23.53	22.33	19.15
	25RB-High (25)	1775 (132622)	23.24	22.12	21.12	18.82
		1745 (132322)	23.22	22.25	21.26	19.01
		1715 (132022)	23.23	22.30	21.27	19.00
	25RB-Middle (12)	1775 (132622)	23.28	22.16	21.09	18.97
		1745 (132322)	23.22	22.37	21.33	18.93
		1715 (132022)	23.25	22.29	21.29	19.07
	25RB-Low (0)	1775 (132622)	23.15	22.00	21.14	18.76
		1745 (132322)	23.19	22.35	21.28	18.99
		1715 (132022)	23.29	22.30	21.29	19.07
	50RB (0)	1775 (132622)	23.07	22.02	21.12	18.81
		1745 (132322)	23.17	22.28	21.24	18.91
		1715 (132022)	23.28	22.18	21.31	19.00

15MHz	1RB-High (74)	1772.5 (132597)	24.23	22.97	21.85	18.84
		1745 (132322)	24.09	23.35	22.25	18.88
		1717.5 (132047)	24.00	23.23	22.47	19.19
	1RB-Middle (37)	1772.5 (132597)	24.04	22.98	21.96	19.35
		1745 (132322)	24.04	23.23	22.21	19.01
		1717.5 (132047)	23.94	23.26	22.54	19.28
	1RB-Low (0)	1772.5 (132597)	23.86	23.56	22.16	18.76
		1745 (132322)	23.98	23.27	22.36	18.84
		1717.5 (132047)	23.92	23.27	22.12	18.83
	36RB-High (38)	1772.5 (132597)	23.05	22.04	20.99	18.73
		1745 (132322)	23.15	22.16	21.20	18.91
		1717.5 (132047)	23.12	22.17	21.28	18.93
	36RB-Middle (19)	1772.5 (132597)	22.96	21.90	20.99	18.59
		1745 (132322)	23.14	22.19	21.14	18.74
		1717.5 (132047)	23.11	22.21	21.25	18.90
	36RB-Low (0)	1772.5 (132597)	23.06	21.96	21.08	18.75
		1745 (132322)	23.16	22.26	21.18	18.76
		1717.5 (132047)	23.09	22.14	21.13	18.85
75RB (0)	1772.5 (132597)	23.02	22.01	21.03	18.65	
	1745 (132322)	23.10	22.15	21.16	18.82	
	1717.5 (132047)	23.10	22.17	21.27	18.85	
20MHz	1RB-High (99)	1770 (132572)	23.97	23.66	22.20	18.67
		1745 (132322)	24.16	23.34	22.16	19.02
		1720 (132072)	24.38	23.62	22.61	19.24
	1RB-Middle (50)	1770 (132572)	24.30	23.14	22.17	18.98
		1745 (132322)	24.25	23.34	22.29	19.17
		1720 (132072)	24.01	23.32	22.33	18.85
	1RB-Low (0)	1770 (132572)	24.02	23.14	22.13	18.89
		1745 (132322)	24.25	23.25	22.16	19.36
		1720 (132072)	24.16	23.49	22.51	19.30
	50RB-High (50)	1770 (132572)	23.11	22.04	21.09	18.75
		1745 (132322)	23.27	22.20	21.35	18.90
		1720 (132072)	23.18	22.19	21.32	18.88
	50RB-Middle (25)	1770 (132572)	23.18	22.13	21.09	18.83
		1745 (132322)	23.23	22.19	21.07	18.82
		1720 (132072)	23.25	22.23	21.24	18.91
	50RB-Low (0)	1770 (132572)	23.13	22.04	21.07	18.77
		1745 (132322)	23.30	22.17	21.17	18.84
		1720 (132072)	23.23	22.25	21.15	18.68
100RB (0)	1770 (132572)	23.15	22.11	21.04	18.68	
	1745 (132322)	23.15	22.19	21.31	18.77	
	1720 (132072)	23.20	22.32	21.27	18.84	

LTE Band66(ANT1 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	22.73	23.24	22.24	19.29
		1745 (132322)	22.87	23.18	22.12	18.99
		1710.7 (131979)	22.93	23.19	22.33	19.08
	1RB-Middle (3)	1779.3 (132665)	22.81	23.21	22.34	19.04
		1745 (132322)	23.00	23.36	22.12	19.07
		1710.7 (131979)	22.92	23.57	22.32	18.96
	1RB-Low (0)	1779.3 (132665)	22.86	23.12	22.04	18.98
		1745 (132322)	22.75	23.42	22.20	19.28
		1710.7 (131979)	22.82	23.34	22.39	19.00
	3RB-High (3)	1779.3 (132665)	22.70	22.92	22.02	18.94
		1745 (132322)	22.86	23.20	22.11	18.85
		1710.7 (131979)	22.98	23.07	22.16	19.12
	3RB-Middle (1)	1779.3 (132665)	22.87	22.95	22.14	18.95
		1745 (132322)	23.03	23.04	22.15	19.05
		1710.7 (131979)	22.90	23.06	22.15	19.17
	3RB-Low (0)	1779.3 (132665)	22.73	22.89	22.01	18.84
		1745 (132322)	22.94	23.11	22.20	19.28
		1710.7 (131979)	22.94	22.99	22.14	19.08
	6RB (0)	1779.3 (132665)	22.78	22.29	21.48	18.82
		1745 (132322)	22.93	22.48	21.63	18.91
		1710.7 (131979)	22.96	22.54	21.74	19.10
3MHz	1RB-High (14)	1778.5 (132657)	22.72	23.22	21.91	19.11
		1745 (132322)	22.81	23.50	21.78	19.02
		1711.5 (131987)	22.87	23.22	21.96	18.95
	1RB-Middle (7)	1778.5 (132657)	22.80	23.13	21.69	19.01
		1745 (132322)	22.95	23.22	21.81	19.05
		1711.5 (131987)	23.02	23.34	21.74	19.28
	1RB-Low (0)	1778.5 (132657)	22.76	23.25	21.51	19.03
		1745 (132322)	22.77	23.34	22.02	19.11
		1711.5 (131987)	22.88	23.23	22.01	19.14
	8RB-High (7)	1778.5 (132657)	22.84	22.41	20.59	18.82
		1745 (132322)	22.97	22.56	20.72	18.98
		1711.5 (131987)	22.99	22.57	20.74	19.05
	8RB-Middle (4)	1778.5 (132657)	22.79	22.35	20.49	18.88
		1745 (132322)	23.04	22.54	20.75	19.13
		1711.5 (131987)	22.93	22.58	20.80	19.00
	8RB-Low (0)	1778.5 (132657)	22.83	22.32	20.50	18.85
		1745 (132322)	22.89	22.57	20.62	18.96
		1711.5 (131987)	23.01	22.53	20.71	18.99
	15RB (0)	1778.5 (132657)	22.86	22.30	20.57	18.86
		1745 (132322)	22.85	22.43	20.67	18.85
		1711.5 (131987)	22.99	22.50	20.67	19.02

5MHz	1RB-High (24)	1777.5 (132647)	22.76	22.91	21.96	19.10
		1745 (132322)	22.84	23.13	22.16	19.13
		1712.5 (131997)	22.90	23.35	22.08	19.22
	1RB-Middle (12)	1777.5 (132647)	22.96	22.97	22.15	18.96
		1745 (132322)	22.98	23.06	22.36	19.25
		1712.5 (131997)	23.11	23.22	22.50	19.10
	1RB-Low (0)	1777.5 (132647)	22.68	22.99	21.95	18.94
		1745 (132322)	22.71	23.03	22.18	19.26
		1712.5 (131997)	22.85	23.18	22.18	18.96
	12RB-High (13)	1777.5 (132647)	22.73	22.09	21.29	18.85
		1745 (132322)	22.90	22.33	21.58	19.09
		1712.5 (131997)	22.96	22.30	21.60	19.02
	12RB-Middle (6)	1777.5 (132647)	22.79	22.11	21.33	18.86
		1745 (132322)	22.86	22.23	21.45	18.85
		1712.5 (131997)	22.92	22.27	21.52	19.05
	12RB-Low (0)	1777.5 (132647)	22.73	22.20	21.41	18.88
		1745 (132322)	22.75	22.33	21.42	18.88
		1712.5 (131997)	22.97	22.34	21.52	19.08
	25RB (0)	1777.5 (132647)	22.73	22.19	21.40	18.75
		1745 (132322)	22.79	22.19	21.47	18.89
		1712.5 (131997)	22.96	22.27	21.42	18.98
10MHz	1RB-High (49)	1775 (132622)	22.66	23.10	22.17	19.26
		1745 (132322)	22.78	23.35	22.34	18.98
		1715 (132022)	22.79	23.30	22.19	19.25
	1RB-Middle (24)	1775 (132622)	22.73	23.01	21.96	19.01
		1745 (132322)	22.98	23.14	22.19	19.23
		1715 (132022)	22.87	23.17	22.23	19.22
	1RB-Low (0)	1775 (132622)	22.71	23.12	22.27	18.92
		1745 (132322)	22.93	23.28	22.23	19.26
		1715 (132022)	22.87	23.28	22.58	19.08
	25RB-High (25)	1775 (132622)	22.72	22.25	21.34	18.75
		1745 (132322)	22.89	22.32	21.55	18.94
		1715 (132022)	22.96	22.30	21.51	18.93
	25RB-Middle (12)	1775 (132622)	22.80	22.25	21.43	18.90
		1745 (132322)	22.87	22.36	21.52	18.86
		1715 (132022)	22.96	22.34	21.67	19.00
	25RB-Low (0)	1775 (132622)	22.57	22.16	21.40	18.70
		1745 (132322)	22.91	22.30	21.48	18.92
		1715 (132022)	22.97	22.39	21.56	19.00
	50RB (0)	1775 (132622)	22.73	22.17	21.34	18.74
		1745 (132322)	22.89	22.30	21.43	18.84
		1715 (132022)	22.94	22.35	21.57	18.93

15MHz	1RB-High (74)	1772.5 (132597)	22.54	22.71	21.77	18.77	
		1745 (132322)	22.72	22.96	21.96	18.81	
		1717.5 (132047)	22.85	23.27	22.02	19.12	
	1RB-Middle (37)	1772.5 (132597)	22.46	22.80	21.84	19.28	
		1745 (132322)	22.63	23.04	22.04	18.94	
		1717.5 (132047)	22.70	23.41	21.97	19.21	
	1RB-Low (0)	1772.5 (132597)	22.51	22.98	21.88	18.70	
		1745 (132322)	22.72	22.95	22.11	18.77	
		1717.5 (132047)	22.74	22.93	22.10	18.76	
	36RB-High (38)	1772.5 (132597)	22.67	22.06	21.11	18.66	
		1745 (132322)	22.81	22.16	21.21	18.84	
		1717.5 (132047)	22.81	22.06	21.37	18.86	
	36RB-Middle (19)	1772.5 (132597)	22.60	21.95	21.13	18.53	
		1745 (132322)	22.71	22.08	21.22	18.67	
		1717.5 (132047)	22.80	22.20	21.26	18.83	
	36RB-Low (0)	1772.5 (132597)	22.70	22.00	21.13	18.68	
		1745 (132322)	22.68	22.08	21.34	18.70	
		1717.5 (132047)	22.75	21.95	21.34	18.79	
	75RB (0)	1772.5 (132597)	22.62	21.94	21.07	18.58	
		1745 (132322)	22.66	22.10	21.24	18.75	
		1717.5 (132047)	22.88	22.01	21.37	18.79	
	20MHz	1RB-High (99)	1770 (132572)	22.48	22.94	21.84	18.61
			1745 (132322)	22.63	23.00	22.01	18.95
			1720 (132072)	22.81	22.94	21.85	19.17
		1RB-Middle (50)	1770 (132572)	22.61	23.26	22.08	18.91
			1745 (132322)	22.67	22.91	22.17	19.10
			1720 (132072)	22.58	22.94	21.92	18.79
1RB-Low (0)		1770 (132572)	22.54	22.95	21.97	18.82	
		1745 (132322)	23.11	23.49	22.03	19.29	
		1720 (132072)	22.74	22.96	22.66	19.23	
50RB-High (50)		1770 (132572)	22.71	21.87	21.17	18.68	
		1745 (132322)	22.85	22.14	21.26	18.83	
		1720 (132072)	22.82	22.15	21.29	18.81	
50RB-Middle (25)		1770 (132572)	22.66	21.96	21.25	18.76	
		1745 (132322)	22.68	22.05	21.26	18.75	
		1720 (132072)	22.81	22.24	21.36	18.84	
50RB-Low (0)		1770 (132572)	22.63	21.92	21.09	18.71	
		1745 (132322)	22.76	22.10	21.32	18.77	
		1720 (132072)	22.73	22.05	21.32	18.62	
100RB (0)		1770 (132572)	22.65	21.93	21.22	18.62	
		1745 (132322)	22.76	22.00	21.21	18.71	
		1720 (132072)	22.81	22.13	21.30	18.77	

LTE Band66(ANT1 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM	
1.4MHz	1RB-High (5)	1779.3 (132665)	16.61	17.20	16.90	16.66	
		1745 (132322)	16.75	16.93	16.84	16.40	
		1710.7 (131979)	16.80	17.01	17.18	16.48	
	1RB-Middle (3)	1779.3 (132665)	16.58	16.98	16.90	16.45	
		1745 (132322)	16.79	17.00	17.03	16.47	
		1710.7 (131979)	16.94	16.91	16.95	16.38	
	1RB-Low (0)	1779.3 (132665)	16.68	16.92	16.93	16.39	
		1745 (132322)	16.68	17.19	17.07	16.65	
		1710.7 (131979)	16.87	16.94	17.14	16.41	
	3RB-High (3)	1779.3 (132665)	16.72	16.89	16.81	16.36	
		1745 (132322)	16.84	16.81	16.90	16.28	
		1710.7 (131979)	16.88	17.05	16.95	16.51	
	3RB-Middle (1)	1779.3 (132665)	16.66	16.90	16.91	16.37	
		1745 (132322)	16.86	16.99	16.90	16.46	
		1710.7 (131979)	16.89	17.09	16.83	16.55	
	3RB-Low (0)	1779.3 (132665)	16.63	16.80	16.73	16.27	
		1745 (132322)	16.77	17.19	17.07	16.65	
		1710.7 (131979)	16.80	17.01	16.83	16.48	
	6RB (0)	1779.3 (132665)	16.69	16.78	16.64	16.25	
		1745 (132322)	16.84	16.86	16.95	16.33	
		1710.7 (131979)	16.86	17.03	16.91	16.50	
	3MHz	1RB-High (14)	1778.5 (132657)	16.47	17.04	16.86	16.51
			1745 (132322)	16.69	16.96	16.86	16.43
			1711.5 (131987)	16.79	16.90	16.95	16.37
1RB-Middle (7)		1778.5 (132657)	16.68	16.95	16.84	16.42	
		1745 (132322)	16.77	16.99	17.09	16.46	
		1711.5 (131987)	16.83	17.19	16.68	16.65	
1RB-Low (0)		1778.5 (132657)	16.56	16.97	16.67	16.44	
		1745 (132322)	16.65	17.04	17.04	16.51	
		1711.5 (131987)	16.82	17.07	16.93	16.53	
8RB-High (7)		1778.5 (132657)	16.77	16.78	16.74	16.25	
		1745 (132322)	16.80	16.92	16.89	16.39	
		1711.5 (131987)	16.93	16.99	16.95	16.46	
8RB-Middle (4)		1778.5 (132657)	16.72	16.83	16.82	16.30	
		1745 (132322)	16.88	17.06	16.89	16.52	
		1711.5 (131987)	16.88	16.94	16.93	16.41	
8RB-Low (0)		1778.5 (132657)	16.77	16.81	16.74	16.28	
		1745 (132322)	16.79	16.91	16.84	16.38	
		1711.5 (131987)	16.82	16.93	16.97	16.40	
15RB (0)		1778.5 (132657)	16.72	16.82	16.81	16.29	
		1745 (132322)	16.74	16.81	16.76	16.28	
		1711.5 (131987)	16.93	16.96	16.90	16.43	

5MHz	1RB-High (24)	1777.5 (132647)	16.67	17.03	16.68	16.50
		1745 (132322)	16.69	17.06	16.80	16.52
		1712.5 (131997)	16.69	17.14	17.07	16.60
	1RB-Middle (12)	1777.5 (132647)	16.75	16.91	16.78	16.38
		1745 (132322)	16.87	17.16	16.91	16.62
		1712.5 (131997)	17.07	17.03	17.17	16.50
	1RB-Low (0)	1777.5 (132647)	16.68	16.89	16.69	16.36
		1745 (132322)	16.68	17.17	16.77	16.63
		1712.5 (131997)	16.83	16.91	16.80	16.38
	12RB-High (13)	1777.5 (132647)	16.64	16.81	16.77	16.28
		1745 (132322)	16.89	17.02	16.91	16.49
		1712.5 (131997)	16.89	16.96	16.85	16.43
	12RB-Middle (6)	1777.5 (132647)	16.75	16.82	16.80	16.29
		1745 (132322)	16.80	16.81	16.86	16.28
		1712.5 (131997)	16.90	16.99	16.96	16.46
	12RB-Low (0)	1777.5 (132647)	16.72	16.83	16.73	16.30
		1745 (132322)	16.78	16.83	16.83	16.30
		1712.5 (131997)	16.84	17.01	16.90	16.48
	25RB (0)	1777.5 (132647)	16.73	16.72	16.78	16.20
		1745 (132322)	16.78	16.84	16.78	16.31
		1712.5 (131997)	16.83	16.92	16.86	16.39
10MHz	1RB-High (49)	1775 (132622)	16.72	17.17	16.92	16.63
		1745 (132322)	16.78	16.92	16.86	16.39
		1715 (132022)	16.80	17.16	17.00	16.62
	1RB-Middle (24)	1775 (132622)	16.69	16.95	16.70	16.42
		1745 (132322)	16.72	17.15	17.08	16.61
		1715 (132022)	16.79	17.14	16.87	16.60
	1RB-Low (0)	1775 (132622)	16.68	16.87	17.06	16.34
		1745 (132322)	16.69	17.17	17.03	16.63
		1715 (132022)	16.81	17.01	16.98	16.48
	25RB-High (25)	1775 (132622)	16.80	16.72	16.76	16.20
		1745 (132322)	16.91	16.89	16.88	16.36
		1715 (132022)	16.82	16.88	16.87	16.35
	25RB-Middle (12)	1775 (132622)	16.81	16.85	16.78	16.32
		1745 (132322)	16.84	16.82	16.89	16.29
		1715 (132022)	16.88	16.94	16.96	16.41
	25RB-Low (0)	1775 (132622)	16.66	16.67	16.75	16.15
		1745 (132322)	16.77	16.87	16.82	16.34
		1715 (132022)	16.81	16.94	16.91	16.41
	50RB (0)	1775 (132622)	16.65	16.71	16.65	16.19
		1745 (132322)	16.84	16.80	16.86	16.27
		1715 (132022)	16.93	16.88	16.92	16.35

15MHz	1RB-High (74)	1772.5 (132597)	16.46	16.74	16.49	16.21
		1745 (132322)	16.82	16.77	17.06	16.24
		1717.5 (132047)	16.56	17.05	16.77	16.51
	1RB-Middle (37)	1772.5 (132597)	16.45	17.19	16.61	16.65
		1745 (132322)	16.64	16.89	16.62	16.36
		1717.5 (132047)	16.51	17.13	16.55	16.59
	1RB-Low (0)	1772.5 (132597)	16.47	16.67	16.67	16.15
		1745 (132322)	16.71	16.74	16.74	16.21
		1717.5 (132047)	16.61	16.73	16.85	16.20
	36RB-High (38)	1772.5 (132597)	16.59	16.64	16.68	16.12
		1745 (132322)	16.74	16.80	16.80	16.27
		1717.5 (132047)	16.69	16.82	16.79	16.29
	36RB-Middle (19)	1772.5 (132597)	16.53	16.52	16.54	16.00
		1745 (132322)	16.68	16.65	16.67	16.13
		1717.5 (132047)	16.77	16.79	16.76	16.26
	36RB-Low (0)	1772.5 (132597)	16.52	16.66	16.57	16.14
		1745 (132322)	16.72	16.67	16.75	16.15
		1717.5 (132047)	16.65	16.75	16.72	16.22
75RB (0)	1772.5 (132597)	16.55	16.57	16.61	16.05	
	1745 (132322)	16.67	16.72	16.64	16.20	
	1717.5 (132047)	16.72	16.75	16.76	16.22	
20MHz	1RB-High (99)	1770 (132572)	16.44	16.59	16.54	16.07
		1745 (132322)	16.65	16.90	16.74	16.37
		1720 (132072)	16.69	17.09	16.87	16.55
	1RB-Middle (50)	1770 (132572)	16.51	16.86	17.02	16.33
		1745 (132322)	16.71	17.03	17.18	16.50
		1720 (132072)	16.51	16.75	16.77	16.22
	1RB-Low (0)	1770 (132572)	16.50	16.78	16.67	16.25
		1745 (132322)	16.71	17.20	16.78	16.66
		1720 (132072)	16.68	17.15	16.83	16.61
	50RB-High (50)	1770 (132572)	16.65	16.66	16.64	16.14
		1745 (132322)	16.75	16.79	16.84	16.26
		1720 (132072)	16.73	16.77	16.77	16.24
	50RB-Middle (25)	1770 (132572)	16.70	16.73	16.72	16.20
		1745 (132322)	16.66	16.72	16.73	16.20
		1720 (132072)	16.74	16.80	16.81	16.27
	50RB-Low (0)	1770 (132572)	16.57	16.68	16.61	16.16
		1745 (132322)	16.65	16.74	16.75	16.21
		1720 (132072)	16.66	16.60	16.73	16.08
100RB (0)	1770 (132572)	16.52	16.60	16.63	16.08	
	1745 (132322)	16.71	16.68	16.69	16.16	
	1720 (132072)	16.73	16.74	16.76	16.21	

LTE Band66(ANT2 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	20.21	20.70	20.41	18.08
		1745 (132322)	20.26	20.56	20.58	17.80
		1710.7 (131979)	20.44	20.73	20.75	17.88
	1RB-Middle (3)	1779.3 (132665)	20.41	20.79	20.39	17.85
		1745 (132322)	20.35	20.50	20.49	17.87
		1710.7 (131979)	20.43	20.56	20.72	17.77
	1RB-Low (0)	1779.3 (132665)	20.34	20.66	20.49	17.78
		1745 (132322)	20.33	20.67	20.28	18.07
		1710.7 (131979)	20.52	20.77	20.56	17.81
	3RB-High (3)	1779.3 (132665)	20.32	20.45	20.32	17.75
		1745 (132322)	20.31	20.45	20.27	17.67
		1710.7 (131979)	20.47	20.64	20.55	17.92
	3RB-Middle (1)	1779.3 (132665)	20.42	20.38	20.33	17.76
		1745 (132322)	20.29	20.49	20.38	17.86
		1710.7 (131979)	20.35	20.52	20.65	17.97
	3RB-Low (0)	1779.3 (132665)	20.40	20.44	20.42	17.66
		1745 (132322)	20.37	20.36	20.32	18.07
		1710.7 (131979)	20.56	20.63	20.57	17.88
	6RB (0)	1779.3 (132665)	20.36	20.35	20.40	17.64
		1745 (132322)	20.35	20.33	20.20	17.73
		1710.7 (131979)	20.53	20.52	20.54	17.90
3MHz	1RB-High (14)	1778.5 (132657)	20.35	20.51	20.37	17.91
		1745 (132322)	20.30	20.59	20.31	17.83
		1711.5 (131987)	20.41	20.58	20.46	17.76
	1RB-Middle (7)	1778.5 (132657)	20.39	20.65	20.45	17.82
		1745 (132322)	20.44	20.61	20.45	17.86
		1711.5 (131987)	20.56	20.73	20.67	18.07
	1RB-Low (0)	1778.5 (132657)	20.27	20.41	20.41	17.84
		1745 (132322)	20.20	20.53	20.24	17.91
		1711.5 (131987)	20.50	20.52	20.53	17.94
	8RB-High (7)	1778.5 (132657)	20.46	20.41	20.24	17.64
		1745 (132322)	20.34	20.39	20.36	17.78
		1711.5 (131987)	20.58	20.59	20.51	17.86
	8RB-Middle (4)	1778.5 (132657)	20.44	20.44	20.44	17.69
		1745 (132322)	20.34	20.42	20.39	17.93
		1711.5 (131987)	20.63	20.62	20.54	17.81
	8RB-Low (0)	1778.5 (132657)	20.36	20.40	20.34	17.67
		1745 (132322)	20.29	20.40	20.35	17.77
		1711.5 (131987)	20.57	20.61	20.55	17.80
	15RB (0)	1778.5 (132657)	20.31	20.40	20.38	17.68
		1745 (132322)	20.32	20.25	20.27	17.67
		1711.5 (131987)	20.52	20.44	20.50	17.83

5MHz	1RB-High (24)	1777.5 (132647)	20.39	20.67	20.42	17.90
		1745 (132322)	20.33	20.65	20.35	17.93
		1712.5 (131997)	20.40	20.66	20.57	18.01
	1RB-Middle (12)	1777.5 (132647)	20.37	20.76	20.58	17.77
		1745 (132322)	20.30	20.71	20.46	18.03
		1712.5 (131997)	20.55	20.52	20.72	17.90
	1RB-Low (0)	1777.5 (132647)	20.33	20.58	20.61	17.75
		1745 (132322)	20.33	20.57	20.31	18.05
		1712.5 (131997)	20.48	20.72	20.56	17.77
	12RB-High (13)	1777.5 (132647)	20.39	20.36	20.40	17.67
		1745 (132322)	20.36	20.30	20.27	17.89
		1712.5 (131997)	20.59	20.51	20.58	17.83
	12RB-Middle (6)	1777.5 (132647)	20.47	20.47	20.37	17.68
		1745 (132322)	20.36	20.38	20.40	17.67
		1712.5 (131997)	20.56	20.54	20.60	17.86
	12RB-Low (0)	1777.5 (132647)	20.40	20.34	20.36	17.69
		1745 (132322)	20.29	20.31	20.26	17.69
		1712.5 (131997)	20.55	20.58	20.54	17.88
25RB (0)	1777.5 (132647)	20.42	20.39	20.36	17.58	
	1745 (132322)	20.34	20.34	20.27	17.70	
	1712.5 (131997)	20.56	20.51	20.48	17.78	
10MHz	1RB-High (49)	1775 (132622)	20.31	20.71	20.46	18.05
		1745 (132322)	20.29	20.70	20.15	17.78
		1715 (132022)	20.36	20.57	20.71	18.03
	1RB-Middle (24)	1775 (132622)	20.38	20.49	20.41	17.82
		1745 (132322)	20.28	20.70	20.41	18.02
		1715 (132022)	20.52	20.78	20.60	18.01
	1RB-Low (0)	1775 (132622)	20.27	20.57	20.30	17.73
		1745 (132322)	20.31	20.60	20.45	18.05
		1715 (132022)	20.40	20.55	20.48	17.88
	25RB-High (25)	1775 (132622)	20.50	20.34	20.36	17.58
		1745 (132322)	20.31	20.31	20.39	17.75
		1715 (132022)	20.56	20.48	20.51	17.74
	25RB-Middle (12)	1775 (132622)	20.37	20.35	20.28	17.72
		1745 (132322)	20.43	20.41	20.30	17.68
		1715 (132022)	20.57	20.59	20.46	17.81
	25RB-Low (0)	1775 (132622)	20.28	20.23	20.26	17.52
		1745 (132322)	20.27	20.29	20.24	17.73
		1715 (132022)	20.50	20.49	20.56	17.81
50RB (0)	1775 (132622)	20.34	20.28	20.29	17.57	
	1745 (132322)	20.36	20.33	20.36	17.66	
	1715 (132022)	20.52	20.49	20.48	17.74	

15MHz	1RB-High (74)	1772.5 (132597)	20.21	20.45	20.80	17.59
		1745 (132322)	20.02	20.41	20.30	17.63
		1717.5 (132047)	20.35	20.80	20.30	17.92
	1RB-Middle (37)	1772.5 (132597)	20.27	20.40	20.53	18.07
		1745 (132322)	20.08	20.20	20.20	17.75
		1717.5 (132047)	20.25	20.55	20.27	18.01
	1RB-Low (0)	1772.5 (132597)	20.28	20.79	20.21	17.52
		1745 (132322)	20.18	20.25	20.19	17.59
		1717.5 (132047)	20.31	20.45	20.36	17.59
	36RB-High (38)	1772.5 (132597)	20.31	20.32	20.21	17.49
		1745 (132322)	20.26	20.20	20.31	17.66
		1717.5 (132047)	20.42	20.30	20.34	17.68
	36RB-Middle (19)	1772.5 (132597)	20.22	20.26	20.16	17.36
		1745 (132322)	20.23	20.28	20.20	17.50
		1717.5 (132047)	20.43	20.43	20.38	17.65
	36RB-Low (0)	1772.5 (132597)	20.13	20.28	20.23	17.51
		1745 (132322)	20.21	20.21	20.22	17.52
		1717.5 (132047)	20.49	20.39	20.40	17.60
75RB (0)	1772.5 (132597)	20.27	20.19	20.14	17.42	
	1745 (132322)	20.32	20.24	20.22	17.58	
	1717.5 (132047)	20.43	20.39	20.39	17.60	
20MHz	1RB-High (99)	1770 (132572)	20.11	20.33	20.23	17.44
		1745 (132322)	20.12	20.25	20.44	17.76
		1720 (132072)	20.26	20.63	20.43	17.97
	1RB-Middle (50)	1770 (132572)	20.17	20.43	20.14	17.73
		1745 (132322)	20.15	20.26	20.59	17.90
		1720 (132072)	20.26	20.71	20.71	17.60
	1RB-Low (0)	1770 (132572)	20.06	20.27	20.29	17.64
		1745 (132322)	20.45	20.45	20.51	18.08
		1720 (132072)	20.28	20.50	20.48	18.02
	50RB-High (50)	1770 (132572)	20.27	20.32	20.32	17.51
		1745 (132322)	20.33	20.19	20.18	17.65
		1720 (132072)	20.51	20.32	20.33	17.63
	50RB-Middle (25)	1770 (132572)	20.30	20.27	20.25	17.59
		1745 (132322)	20.29	20.22	20.25	17.58
		1720 (132072)	20.50	20.38	20.39	17.66
	50RB-Low (0)	1770 (132572)	20.26	20.17	20.25	17.53
		1745 (132322)	20.22	20.20	20.19	17.59
		1720 (132072)	20.40	20.41	20.35	17.44
100RB (0)	1770 (132572)	20.24	20.22	20.27	17.44	
	1745 (132322)	20.29	20.21	20.27	17.53	
	1720 (132072)	20.52	20.39	20.37	17.59	

LTE Band66(ANT2 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	20.94	21.15	20.72	18.26
		1745 (132322)	20.82	21.06	20.65	17.98
		1710.7 (131979)	21.06	21.07	21.05	18.06
	1RB-Middle (3)	1779.3 (132665)	21.14	21.08	20.94	18.02
		1745 (132322)	20.97	21.04	21.04	18.04
		1710.7 (131979)	21.04	21.04	21.09	17.95
	1RB-Low (0)	1779.3 (132665)	20.88	21.06	21.06	17.96
		1745 (132322)	20.95	20.92	20.69	18.25
		1710.7 (131979)	21.08	21.02	20.97	17.98
	3RB-High (3)	1779.3 (132665)	20.99	20.72	20.80	17.93
		1745 (132322)	21.01	20.73	20.75	17.84
		1710.7 (131979)	21.14	20.88	21.02	18.10
	3RB-Middle (1)	1779.3 (132665)	21.02	20.90	20.77	17.94
		1745 (132322)	21.10	20.96	20.85	18.03
		1710.7 (131979)	21.12	21.09	20.84	18.14
	3RB-Low (0)	1779.3 (132665)	20.92	20.89	20.65	17.83
		1745 (132322)	21.01	20.70	20.82	18.25
		1710.7 (131979)	21.12	20.92	20.78	18.06
	6RB (0)	1779.3 (132665)	20.94	20.62	20.68	17.81
		1745 (132322)	20.94	20.56	20.65	17.90
		1710.7 (131979)	21.17	20.93	20.53	18.08
3MHz	1RB-High (14)	1778.5 (132657)	20.91	20.90	20.82	18.09
		1745 (132322)	20.82	20.97	20.93	18.00
		1711.5 (131987)	21.02	21.16	21.08	17.94
	1RB-Middle (7)	1778.5 (132657)	21.08	20.99	20.91	17.99
		1745 (132322)	21.08	20.98	20.90	18.03
		1711.5 (131987)	21.18	21.39	21.00	18.25
	1RB-Low (0)	1778.5 (132657)	20.92	21.03	20.74	18.01
		1745 (132322)	20.84	20.94	20.57	18.09
		1711.5 (131987)	21.09	21.25	21.18	18.12
	8RB-High (7)	1778.5 (132657)	20.86	20.72	20.69	17.81
		1745 (132322)	21.11	20.73	20.62	17.96
		1711.5 (131987)	21.19	20.96	20.84	18.03
	8RB-Middle (4)	1778.5 (132657)	21.07	20.72	20.65	17.86
		1745 (132322)	21.11	20.69	20.64	18.11
		1711.5 (131987)	21.23	20.90	20.84	17.98
	8RB-Low (0)	1778.5 (132657)	21.08	20.74	20.66	17.84
		1745 (132322)	20.94	20.63	20.58	17.95
		1711.5 (131987)	21.12	20.84	20.89	17.98
	15RB (0)	1778.5 (132657)	21.09	20.64	20.60	17.85
		1745 (132322)	21.01	20.63	20.65	17.84
		1711.5 (131987)	21.17	20.80	20.78	18.00

5MHz	1RB-High (24)	1777.5 (132647)	20.96	20.75	20.85	18.08
		1745 (132322)	20.90	21.01	20.96	18.11
		1712.5 (131997)	21.13	20.93	20.86	18.19
	1RB-Middle (12)	1777.5 (132647)	21.02	21.08	20.80	17.95
		1745 (132322)	20.96	21.26	20.72	18.21
		1712.5 (131997)	21.20	21.17	21.16	18.08
	1RB-Low (0)	1777.5 (132647)	21.00	21.14	20.93	17.93
		1745 (132322)	20.93	21.15	20.75	18.23
		1712.5 (131997)	21.15	21.05	21.07	17.95
	12RB-High (13)	1777.5 (132647)	21.04	20.70	20.69	17.84
		1745 (132322)	21.01	20.62	20.70	18.07
		1712.5 (131997)	21.22	20.83	20.85	18.00
	12RB-Middle (6)	1777.5 (132647)	21.08	20.76	20.70	17.85
		1745 (132322)	21.08	20.73	20.70	17.84
		1712.5 (131997)	21.25	20.87	20.86	18.03
	12RB-Low (0)	1777.5 (132647)	21.07	20.63	20.67	17.86
		1745 (132322)	20.92	20.67	20.61	17.86
		1712.5 (131997)	21.19	20.81	20.82	18.06
	25RB (0)	1777.5 (132647)	21.14	20.75	20.62	17.75
		1745 (132322)	21.10	20.71	20.65	17.87
		1712.5 (131997)	21.09	20.82	20.86	17.96
10MHz	1RB-High (49)	1775 (132622)	20.98	21.17	20.81	18.23
		1745 (132322)	20.93	21.29	20.78	17.96
		1715 (132022)	21.09	21.37	20.91	18.21
	1RB-Middle (24)	1775 (132622)	21.02	21.16	20.78	17.99
		1745 (132322)	20.93	20.95	20.89	18.20
		1715 (132022)	21.08	21.07	21.09	18.19
	1RB-Low (0)	1775 (132622)	20.89	21.16	20.64	17.91
		1745 (132322)	21.06	21.03	21.01	18.23
		1715 (132022)	21.13	21.28	20.99	18.06
	25RB-High (25)	1775 (132622)	21.24	20.69	20.72	17.75
		1745 (132322)	21.00	20.66	20.60	17.93
		1715 (132022)	21.11	20.73	20.82	17.92
	25RB-Middle (12)	1775 (132622)	21.00	20.71	20.58	17.89
		1745 (132322)	21.06	20.71	20.63	17.85
		1715 (132022)	21.27	20.85	20.85	17.98
	25RB-Low (0)	1775 (132622)	21.08	20.66	20.64	17.69
		1745 (132322)	20.98	20.54	20.60	17.91
		1715 (132022)	21.14	20.84	20.87	17.98
	50RB (0)	1775 (132622)	21.06	20.59	20.59	17.74
		1745 (132322)	21.10	20.62	20.68	17.83
		1715 (132022)	21.20	20.82	20.82	17.92

15MHz	1RB-High (74)	1772.5 (132597)	20.71	20.77	20.51	17.77
		1745 (132322)	20.78	20.62	20.99	17.81
		1717.5 (132047)	21.01	21.17	20.64	18.10
	1RB-Middle (37)	1772.5 (132597)	20.80	20.74	21.21	18.25
		1745 (132322)	20.90	20.80	20.44	17.93
		1717.5 (132047)	20.95	20.99	20.76	18.18
	1RB-Low (0)	1772.5 (132597)	20.80	20.94	20.52	17.69
		1745 (132322)	20.86	21.14	20.59	17.77
		1717.5 (132047)	20.84	20.75	21.00	17.76
	36RB-High (38)	1772.5 (132597)	21.08	20.61	20.55	17.66
		1745 (132322)	20.87	20.50	20.53	17.83
		1717.5 (132047)	21.02	20.69	20.63	17.85
	36RB-Middle (19)	1772.5 (132597)	20.97	20.56	20.59	17.53
		1745 (132322)	20.89	20.56	20.57	17.67
		1717.5 (132047)	20.99	20.62	20.67	17.82
	36RB-Low (0)	1772.5 (132597)	20.89	20.43	20.47	17.68
		1745 (132322)	20.82	20.45	20.52	17.69
		1717.5 (132047)	21.01	20.77	20.68	17.78
	75RB (0)	1772.5 (132597)	20.82	20.41	20.47	17.59
		1745 (132322)	20.88	20.53	20.54	17.75
		1717.5 (132047)	21.02	20.60	20.62	17.78
20MHz	1RB-High (99)	1770 (132572)	20.97	20.88	20.51	17.61
		1745 (132322)	20.89	20.92	20.63	17.94
		1720 (132072)	20.95	20.71	20.70	18.14
	1RB-Middle (50)	1770 (132572)	20.90	21.33	20.55	17.90
		1745 (132322)	20.82	20.84	21.13	18.08
		1720 (132072)	20.83	20.80	20.86	17.78
	1RB-Low (0)	1770 (132572)	20.69	20.76	20.95	17.81
		1745 (132322)	20.85	20.67	20.64	18.26
		1720 (132072)	20.87	20.99	20.89	18.20
	50RB-High (50)	1770 (132572)	20.95	20.57	20.57	17.68
		1745 (132322)	20.84	20.55	20.49	17.82
		1720 (132072)	20.98	20.59	20.71	17.81
	50RB-Middle (25)	1770 (132572)	20.93	20.57	20.54	17.76
		1745 (132322)	20.94	20.56	20.49	17.75
		1720 (132072)	21.04	20.66	20.68	17.83
	50RB-Low (0)	1770 (132572)	20.86	20.49	20.48	17.70
		1745 (132322)	20.97	20.44	20.50	17.77
		1720 (132072)	20.95	20.65	20.54	17.62
	100RB (0)	1770 (132572)	20.90	20.52	20.41	17.62
		1745 (132322)	21.01	20.50	20.27	17.70
		1720 (132072)	21.08	20.69	20.65	17.77

LTE Band66(ANT2 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	15.49	15.68	15.19	15.45
		1745 (132322)	15.36	15.47	15.18	15.20
		1710.7 (131979)	15.63	15.41	15.35	15.28
	1RB-Middle (3)	1779.3 (132665)	15.56	15.43	15.27	15.24
		1745 (132322)	15.34	15.49	15.10	15.27
		1710.7 (131979)	15.50	15.63	15.27	15.18
	1RB-Low (0)	1779.3 (132665)	15.45	15.42	15.29	15.19
		1745 (132322)	15.29	15.38	15.34	15.44
		1710.7 (131979)	15.48	15.37	15.37	15.21
	3RB-High (3)	1779.3 (132665)	15.46	15.42	15.17	15.16
		1745 (132322)	15.33	15.51	15.24	15.08
		1710.7 (131979)	15.56	15.49	15.30	15.30
	3RB-Middle (1)	1779.3 (132665)	15.45	15.39	15.44	15.17
		1745 (132322)	15.32	15.31	15.43	15.25
		1710.7 (131979)	15.54	15.54	15.15	15.34
	3RB-Low (0)	1779.3 (132665)	15.45	15.47	15.24	15.45
		1745 (132322)	15.40	15.52	15.16	15.44
		1710.7 (131979)	15.50	15.49	15.25	15.28
	6RB (0)	1779.3 (132665)	15.48	15.42	15.08	15.43
		1745 (132322)	15.37	15.25	15.40	15.13
		1710.7 (131979)	15.58	15.46	15.19	15.30
3MHz	1RB-High (14)	1778.5 (132657)	15.44	15.60	15.30	15.30
		1745 (132322)	15.27	15.51	15.10	15.22
		1711.5 (131987)	15.50	15.59	15.45	15.17
	1RB-Middle (7)	1778.5 (132657)	15.50	15.54	15.29	15.21
		1745 (132322)	15.48	15.67	15.33	15.25
		1711.5 (131987)	15.67	15.36	15.23	15.44
	1RB-Low (0)	1778.5 (132657)	15.36	15.63	15.22	15.23
		1745 (132322)	15.23	15.41	15.16	15.30
		1711.5 (131987)	15.52	15.51	15.34	15.32
	8RB-High (7)	1778.5 (132657)	15.41	15.38	15.19	15.43
		1745 (132322)	15.45	15.31	15.21	15.19
		1711.5 (131987)	15.58	15.60	15.27	15.25
	8RB-Middle (4)	1778.5 (132657)	15.54	15.32	15.14	15.10
		1745 (132322)	15.46	15.38	15.17	15.31
		1711.5 (131987)	15.69	15.53	15.38	15.21
	8RB-Low (0)	1778.5 (132657)	15.42	15.39	15.10	15.08
		1745 (132322)	15.29	15.28	15.35	15.18
		1711.5 (131987)	15.59	15.49	15.24	15.20
	15RB (0)	1778.5 (132657)	15.48	15.31	15.09	15.09
		1745 (132322)	15.41	15.28	15.42	15.08
		1711.5 (131987)	15.59	15.44	15.24	15.22

5MHz	1RB-High (24)	1777.5 (132647)	15.40	15.37	15.17	15.30
		1745 (132322)	15.32	15.64	15.08	15.31
		1712.5 (131997)	15.50	15.70	15.27	15.38
	1RB-Middle (12)	1777.5 (132647)	15.50	15.50	15.35	15.18
		1745 (132322)	15.36	15.45	15.29	15.40
		1712.5 (131997)	15.53	15.44	15.52	15.30
	1RB-Low (0)	1777.5 (132647)	15.51	15.55	15.39	15.16
		1745 (132322)	15.34	15.54	15.14	15.42
		1712.5 (131997)	15.42	15.72	15.37	15.18
	12RB-High (13)	1777.5 (132647)	15.49	15.24	15.16	15.08
		1745 (132322)	15.37	15.29	15.22	15.29
		1712.5 (131997)	15.61	15.47	15.29	15.22
	12RB-Middle (6)	1777.5 (132647)	15.46	15.32	15.24	15.09
		1745 (132322)	15.46	15.33	15.13	15.08
		1712.5 (131997)	15.67	15.56	15.35	15.25
	12RB-Low (0)	1777.5 (132647)	15.46	15.35	15.16	15.10
		1745 (132322)	15.35	15.18	15.09	15.10
		1712.5 (131997)	15.64	15.46	15.27	15.28
	25RB (0)	1777.5 (132647)	15.49	15.29	15.20	15.39
		1745 (132322)	15.42	15.28	15.45	15.12
		1712.5 (131997)	15.65	15.49	15.29	15.19
10MHz	1RB-High (49)	1775 (132622)	15.50	15.60	15.46	15.42
		1745 (132322)	15.25	15.39	15.17	15.19
		1715 (132022)	15.44	15.60	15.37	15.40
	1RB-Middle (24)	1775 (132622)	15.47	15.57	15.39	15.21
		1745 (132322)	15.40	15.49	15.15	15.39
		1715 (132022)	15.54	15.56	15.29	15.38
	1RB-Low (0)	1775 (132622)	15.38	15.41	15.28	15.14
		1745 (132322)	15.42	15.60	15.28	15.42
		1715 (132022)	15.58	15.46	15.23	15.28
	25RB-High (25)	1775 (132622)	15.50	15.36	15.09	15.39
		1745 (132322)	15.39	15.22	15.38	15.16
		1715 (132022)	15.58	15.40	15.18	15.15
	25RB-Middle (12)	1775 (132622)	15.38	15.30	15.37	15.13
		1745 (132322)	15.47	15.29	15.09	15.09
		1715 (132022)	15.62	15.42	15.28	15.21
	25RB-Low (0)	1775 (132622)	15.41	15.25	15.12	15.33
		1745 (132322)	15.33	15.26	15.34	15.14
		1715 (132022)	15.60	15.47	15.27	15.21
	50RB (0)	1775 (132622)	15.41	15.20	15.09	15.38
		1745 (132322)	15.42	15.28	15.44	15.45
		1715 (132022)	15.65	15.47	15.29	15.15

15MHz	1RB-High (74)	1772.5 (132597)	15.28	15.72	15.34	15.40
		1745 (132322)	15.26	15.25	15.36	15.42
		1717.5 (132047)	15.35	15.28	15.12	15.30
	1RB-Middle (37)	1772.5 (132597)	15.17	15.35	15.31	15.44
		1745 (132322)	15.14	15.24	15.40	15.16
		1717.5 (132047)	15.32	15.63	15.42	15.38
	1RB-Low (0)	1772.5 (132597)	15.45	15.31	15.12	15.33
		1745 (132322)	15.19	15.41	15.36	15.40
		1717.5 (132047)	15.41	15.38	15.39	15.39
	36RB-High (38)	1772.5 (132597)	15.33	15.20	15.38	15.31
		1745 (132322)	15.36	15.09	15.24	15.45
		1717.5 (132047)	15.39	15.24	15.43	15.09
	36RB-Middle (19)	1772.5 (132597)	15.32	15.34	15.25	15.20
		1745 (132322)	15.32	15.18	15.41	15.32
		1717.5 (132047)	15.41	15.23	15.18	15.44
	36RB-Low (0)	1772.5 (132597)	15.24	15.36	15.23	15.33
		1745 (132322)	15.18	15.44	15.24	15.33
		1717.5 (132047)	15.56	15.37	15.15	15.41
	75RB (0)	1772.5 (132597)	15.26	15.14	15.31	15.25
		1745 (132322)	15.30	15.11	15.28	15.39
		1717.5 (132047)	15.39	15.29	15.38	15.41
20MHz	1RB-High (99)	1770 (132572)	15.52	15.79	15.41	15.26
		1745 (132322)	15.57	15.79	15.57	15.55
		1720 (132072)	15.50	15.74	15.60	15.72
	1RB-Middle (50)	1770 (132572)	15.33	15.65	15.69	15.51
		1745 (132322)	15.37	15.64	15.40	15.68
		1720 (132072)	15.56	15.73	15.75	15.41
	1RB-Low (0)	1770 (132572)	15.53	15.69	15.49	15.43
		1745 (132322)	15.45	15.61	15.42	15.83
		1720 (132072)	15.51	15.87	15.59	15.77
	50RB-High (50)	1770 (132572)	15.55	15.53	15.50	15.33
		1745 (132322)	15.37	15.49	15.47	15.44
		1720 (132072)	15.54	15.59	15.50	15.42
	50RB-Middle (25)	1770 (132572)	15.48	15.49	15.57	15.39
		1745 (132322)	15.50	15.45	15.44	15.39
		1720 (132072)	15.51	15.58	15.65	15.45
	50RB-Low (0)	1770 (132572)	15.35	15.47	15.48	15.35
		1745 (132322)	15.39	15.49	15.44	15.40
		1720 (132072)	15.52	15.53	15.50	15.27
	100RB (0)	1770 (132572)	15.35	15.46	15.51	15.27
		1745 (132322)	15.46	15.36	15.46	15.35
		1720 (132072)	15.53	15.62	15.59	15.23

LTE Band66(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	14.50	14.86	14.57	14.79
		1745 (132322)	14.38	14.67	14.56	14.56
		1710.7 (131979)	14.63	14.61	14.72	14.63
	1RB-Middle (3)	1779.3 (132665)	14.56	14.63	14.64	14.60
		1745 (132322)	14.36	14.68	14.49	14.62
		1710.7 (131979)	14.51	14.81	14.64	14.54
	1RB-Low (0)	1779.3 (132665)	14.46	14.62	14.66	14.55
		1745 (132322)	14.32	14.58	14.71	14.78
		1710.7 (131979)	14.49	14.57	14.74	14.57
	3RB-High (3)	1779.3 (132665)	14.47	14.62	14.55	14.52
		1745 (132322)	14.35	14.70	14.62	14.45
		1710.7 (131979)	14.56	14.68	14.67	14.65
	3RB-Middle (1)	1779.3 (132665)	14.46	14.59	14.45	14.53
		1745 (132322)	14.34	14.52	14.44	14.61
		1710.7 (131979)	14.55	14.73	14.53	14.69
	3RB-Low (0)	1779.3 (132665)	14.46	14.67	14.62	14.44
		1745 (132322)	14.42	14.71	14.54	14.78
		1710.7 (131979)	14.51	14.68	14.63	14.63
	6RB (0)	1779.3 (132665)	14.49	14.62	14.47	14.42
		1745 (132322)	14.39	14.46	14.41	14.49
		1710.7 (131979)	14.58	14.66	14.57	14.65
3MHz	1RB-High (14)	1778.5 (132657)	14.45	14.79	14.67	14.65
		1745 (132322)	14.30	14.70	14.49	14.58
		1711.5 (131987)	14.51	14.78	14.81	14.53
	1RB-Middle (7)	1778.5 (132657)	14.51	14.73	14.66	14.57
		1745 (132322)	14.49	14.85	14.70	14.61
		1711.5 (131987)	14.66	14.56	14.61	14.78
	1RB-Low (0)	1778.5 (132657)	14.38	14.81	14.60	14.59
		1745 (132322)	14.26	14.61	14.54	14.65
		1711.5 (131987)	14.53	14.70	14.71	14.67
	8RB-High (7)	1778.5 (132657)	14.43	14.58	14.57	14.42
		1745 (132322)	14.46	14.52	14.59	14.55
		1711.5 (131987)	14.58	14.79	14.64	14.61
	8RB-Middle (4)	1778.5 (132657)	14.55	14.53	14.52	14.47
		1745 (132322)	14.47	14.58	14.55	14.66
		1711.5 (131987)	14.68	14.72	14.75	14.57
	8RB-Low (0)	1778.5 (132657)	14.44	14.59	14.49	14.45
		1745 (132322)	14.32	14.49	14.36	14.54
		1711.5 (131987)	14.59	14.68	14.62	14.56
	15RB (0)	1778.5 (132657)	14.49	14.52	14.48	14.46
		1745 (132322)	14.43	14.49	14.43	14.45
		1711.5 (131987)	14.59	14.64	14.62	14.58

5MHz	1RB-High (24)	1777.5 (132647)	14.42	14.57	14.55	14.65
		1745 (132322)	14.34	14.82	14.47	14.66
		1712.5 (131997)	14.51	14.88	14.64	14.73
	1RB-Middle (12)	1777.5 (132647)	14.51	14.69	14.72	14.54
		1745 (132322)	14.38	14.65	14.66	14.75
		1712.5 (131997)	14.54	14.64	14.88	14.65
	1RB-Low (0)	1777.5 (132647)	14.52	14.74	14.76	14.52
		1745 (132322)	14.36	14.73	14.52	14.76
		1712.5 (131997)	14.44	14.90	14.74	14.54
	12RB-High (13)	1777.5 (132647)	14.50	14.45	14.54	14.45
		1745 (132322)	14.39	14.50	14.60	14.64
		1712.5 (131997)	14.61	14.67	14.66	14.58
	12RB-Middle (6)	1777.5 (132647)	14.47	14.53	14.62	14.46
		1745 (132322)	14.47	14.54	14.51	14.45
		1712.5 (131997)	14.66	14.75	14.72	14.61
	12RB-Low (0)	1777.5 (132647)	14.47	14.55	14.54	14.47
		1745 (132322)	14.37	14.40	14.48	14.47
		1712.5 (131997)	14.64	14.66	14.64	14.63
	25RB (0)	1777.5 (132647)	14.50	14.50	14.58	14.38
		1745 (132322)	14.44	14.49	14.46	14.48
		1712.5 (131997)	14.65	14.68	14.66	14.55
10MHz	1RB-High (49)	1775 (132622)	14.51	14.79	14.82	14.76
		1745 (132322)	14.28	14.59	14.55	14.55
		1715 (132022)	14.45	14.79	14.74	14.75
	1RB-Middle (24)	1775 (132622)	14.48	14.76	14.76	14.57
		1745 (132322)	14.42	14.68	14.53	14.74
		1715 (132022)	14.55	14.75	14.66	14.73
	1RB-Low (0)	1775 (132622)	14.40	14.61	14.65	14.50
		1745 (132322)	14.44	14.79	14.65	14.76
		1715 (132022)	14.58	14.66	14.61	14.63
	25RB-High (25)	1775 (132622)	14.51	14.56	14.48	14.38
		1745 (132322)	14.41	14.43	14.39	14.52
		1715 (132022)	14.58	14.60	14.56	14.51
	25RB-Middle (12)	1775 (132622)	14.40	14.51	14.38	14.49
		1745 (132322)	14.48	14.50	14.48	14.46
		1715 (132022)	14.62	14.62	14.65	14.57
	25RB-Low (0)	1775 (132622)	14.43	14.46	14.50	14.33
		1745 (132322)	14.35	14.47	14.35	14.50
		1715 (132022)	14.60	14.67	14.64	14.57
	50RB (0)	1775 (132622)	14.43	14.42	14.48	14.37
		1745 (132322)	14.44	14.49	14.45	14.44
		1715 (132022)	14.65	14.67	14.66	14.51

15MHz	1RB-High (74)	1772.5 (132597)	14.31	14.90	14.35	14.39
		1745 (132322)	14.29	14.46	14.37	14.41
		1717.5 (132047)	14.37	14.49	14.50	14.65
	1RB-Middle (37)	1772.5 (132597)	14.21	14.55	14.33	14.78
		1745 (132322)	14.18	14.45	14.41	14.52
		1717.5 (132047)	14.34	14.81	14.43	14.73
	1RB-Low (0)	1772.5 (132597)	14.12	14.52	14.50	14.33
		1745 (132322)	14.23	14.61	14.37	14.39
		1717.5 (132047)	14.43	14.58	14.76	14.38
	36RB-High (38)	1772.5 (132597)	14.35	14.42	14.39	14.31
		1745 (132322)	14.38	14.31	14.26	14.44
		1717.5 (132047)	14.41	14.45	14.44	14.46
	36RB-Middle (19)	1772.5 (132597)	14.34	14.19	14.27	14.20
		1745 (132322)	14.34	14.40	14.42	14.32
		1717.5 (132047)	14.43	14.44	14.56	14.43
	36RB-Low (0)	1772.5 (132597)	14.27	14.21	14.25	14.33
		1745 (132322)	14.22	14.29	14.26	14.33
		1717.5 (132047)	14.56	14.57	14.53	14.40
	75RB (0)	1772.5 (132597)	14.29	14.36	14.33	14.25
		1745 (132322)	14.33	14.33	14.30	14.38
		1717.5 (132047)	14.41	14.50	14.39	14.40
20MHz	1RB-High (99)	1770 (132572)	14.18	14.61	14.42	14.26
		1745 (132322)	14.19	14.74	14.45	14.53
		1720 (132072)	14.31	14.62	14.78	14.69
	1RB-Middle (50)	1770 (132572)	14.24	14.65	14.48	14.49
		1745 (132322)	14.27	14.57	14.34	14.65
		1720 (132072)	14.45	14.60	14.91	14.40
	1RB-Low (0)	1770 (132572)	14.19	14.68	14.50	14.42
		1745 (132322)	14.25	14.56	14.36	14.79
		1720 (132072)	14.48	14.46	14.48	14.74
	50RB-High (50)	1770 (132572)	14.36	14.40	14.37	14.33
		1745 (132322)	14.36	14.35	14.34	14.43
		1720 (132072)	14.46	14.48	14.45	14.41
	50RB-Middle (25)	1770 (132572)	14.40	14.34	14.39	14.38
		1745 (132322)	14.35	14.40	14.35	14.38
		1720 (132072)	14.48	14.53	14.49	14.44
	50RB-Low (0)	1770 (132572)	14.29	14.21	14.33	14.34
		1745 (132322)	14.23	14.24	14.34	14.39
		1720 (132072)	14.47	14.32	14.39	14.27
	100RB (0)	1770 (132572)	14.37	14.32	14.26	14.27
		1745 (132322)	14.36	14.40	14.38	14.34
		1720 (132072)	14.39	14.44	14.53	14.39

LTE Band66(ANT8 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	64QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	18.04	18.36	17.87	14.97
		1745 (132322)	17.98	18.05	18.08	15.29
		1710.7 (131979)	17.89	18.41	18.04	15.21
	1RB-Middle (3)	1779.3 (132665)	18.12	18.56	18.11	15.19
		1745 (132322)	17.99	18.35	18.16	15.36
		1710.7 (131979)	17.84	18.43	18.05	15.29
	1RB-Low (0)	1779.3 (132665)	18.11	18.58	18.32	15.10
		1745 (132322)	17.89	18.20	18.43	15.05
		1710.7 (131979)	17.85	18.29	18.05	15.48
	3RB-High (3)	1779.3 (132665)	18.23	18.24	18.02	15.02
		1745 (132322)	17.90	18.10	17.98	15.21
		1710.7 (131979)	17.93	18.20	17.93	14.97
	3RB-Middle (1)	1779.3 (132665)	18.14	18.24	18.11	15.01
		1745 (132322)	17.97	18.03	17.97	15.21
		1710.7 (131979)	17.88	18.03	17.99	15.09
	3RB-Low (0)	1779.3 (132665)	18.06	18.19	17.94	15.10
		1745 (132322)	17.87	18.19	18.06	15.15
		1710.7 (131979)	17.93	17.93	17.98	15.24
	6RB (0)	1779.3 (132665)	18.03	18.17	17.22	14.80
		1745 (132322)	17.98	18.01	17.01	15.17
		1710.7 (131979)	17.89	17.93	17.16	15.02
3MHz	1RB-High (14)	1778.5 (132657)	18.07	18.35	18.09	15.05
		1745 (132322)	17.99	18.23	17.98	15.24
		1711.5 (131987)	17.89	18.38	17.98	15.13
	1RB-Middle (7)	1778.5 (132657)	18.25	18.58	18.16	15.25
		1745 (132322)	17.88	18.26	18.13	15.19
		1711.5 (131987)	17.83	18.39	18.09	15.16
	1RB-Low (0)	1778.5 (132657)	18.02	18.45	17.96	15.06
		1745 (132322)	17.96	18.44	18.06	15.13
		1711.5 (131987)	17.81	18.33	17.87	14.89
	8RB-High (7)	1778.5 (132657)	18.16	18.09	17.27	14.98
		1745 (132322)	18.01	18.03	17.17	15.06
		1711.5 (131987)	17.94	17.99	17.12	15.06
	8RB-Middle (4)	1778.5 (132657)	18.22	18.18	17.25	15.00
		1745 (132322)	18.06	18.14	17.17	15.16
		1711.5 (131987)	18.02	18.01	17.22	15.20
	8RB-Low (0)	1778.5 (132657)	18.22	18.20	17.31	14.85
		1745 (132322)	18.00	17.98	17.02	15.01
		1711.5 (131987)	17.94	18.07	17.11	15.04
	15RB (0)	1778.5 (132657)	18.15	18.13	17.26	15.06
		1745 (132322)	17.96	17.97	17.10	14.97
		1711.5 (131987)	17.96	17.96	17.04	15.01

5MHz	1RB-High (24)	1777.5 (132647)	18.12	18.55	17.99	15.13
		1745 (132322)	17.97	18.32	17.97	15.16
		1712.5 (131997)	17.83	18.22	17.97	15.00
	1RB-Middle (12)	1777.5 (132647)	18.65	18.57	18.21	15.21
		1745 (132322)	18.03	18.18	18.13	15.25
		1712.5 (131997)	17.97	18.53	18.11	15.33
	1RB-Low (0)	1777.5 (132647)	18.21	18.30	18.22	14.89
		1745 (132322)	18.00	18.05	17.89	15.15
		1712.5 (131997)	17.93	18.24	18.05	15.28
	12RB-High (13)	1777.5 (132647)	18.20	18.13	17.31	14.89
		1745 (132322)	18.07	18.04	17.18	15.13
		1712.5 (131997)	17.98	17.92	17.08	15.01
	12RB-Middle (6)	1777.5 (132647)	18.24	18.19	17.32	14.98
		1745 (132322)	18.12	18.01	17.24	15.23
		1712.5 (131997)	18.01	18.01	17.20	15.12
	12RB-Low (0)	1777.5 (132647)	18.16	18.16	17.24	15.01
		1745 (132322)	17.93	17.93	17.05	14.97
		1712.5 (131997)	17.92	17.95	17.17	15.05
	25RB (0)	1777.5 (132647)	18.13	18.14	17.22	14.96
		1745 (132322)	18.02	17.98	17.13	14.86
		1712.5 (131997)	17.95	17.97	17.14	15.08
10MHz	1RB-High (49)	1775 (132622)	18.15	18.46	18.14	15.00
		1745 (132322)	17.99	18.13	18.17	15.05
		1715 (132022)	17.89	18.53	18.25	14.92
	1RB-Middle (24)	1775 (132622)	18.19	18.32	18.23	15.19
		1745 (132322)	18.13	18.36	18.21	15.15
		1715 (132022)	17.90	18.11	17.89	15.04
	1RB-Low (0)	1775 (132622)	18.07	18.57	18.41	15.08
		1745 (132322)	18.09	18.31	18.16	15.27
		1715 (132022)	17.87	18.49	18.18	15.09
	25RB-High (25)	1775 (132622)	18.23	18.14	17.28	14.98
		1745 (132322)	18.06	18.05	17.19	15.12
		1715 (132022)	18.00	18.02	17.10	15.08
	25RB-Middle (12)	1775 (132622)	18.08	18.11	17.26	14.96
		1745 (132322)	18.08	18.04	17.13	15.05
		1715 (132022)	17.93	17.95	17.16	15.09
	25RB-Low (0)	1775 (132622)	18.16	18.07	17.19	15.10
		1745 (132322)	17.91	17.95	17.07	15.08
		1715 (132022)	17.99	18.00	17.08	15.06
	50RB (0)	1775 (132622)	18.10	18.10	17.23	15.04
		1745 (132322)	18.04	18.02	17.17	14.90
		1715 (132022)	17.99	17.98	17.11	15.12

15MHz	1RB-High (74)	1772.5 (132597)	18.08	18.10	17.94	14.77	
		1745 (132322)	17.95	18.14	17.76	15.02	
		1717.5 (132047)	17.75	17.99	18.02	14.94	
	1RB-Middle (37)	1772.5 (132597)	17.97	18.35	18.00	14.96	
		1745 (132322)	17.84	17.98	18.07	14.92	
		1717.5 (132047)	17.72	17.91	17.84	14.77	
	1RB-Low (0)	1772.5 (132597)	17.96	18.18	18.67	14.76	
		1745 (132322)	17.83	18.23	17.85	14.80	
		1717.5 (132047)	17.71	18.03	18.19	14.86	
	36RB-High (38)	1772.5 (132597)	18.18	18.03	17.18	14.86	
		1745 (132322)	17.96	17.95	17.08	14.96	
		1717.5 (132047)	17.89	17.79	17.00	14.88	
	36RB-Middle (19)	1772.5 (132597)	18.16	18.07	17.18	14.84	
		1745 (132322)	17.97	17.88	17.10	14.82	
		1717.5 (132047)	17.92	17.85	16.97	14.97	
	36RB-Low (0)	1772.5 (132597)	18.06	18.07	17.07	14.77	
		1745 (132322)	17.86	17.85	16.98	14.92	
		1717.5 (132047)	17.82	17.89	17.01	14.96	
	75RB (0)	1772.5 (132597)	18.09	17.92	17.10	14.65	
		1745 (132322)	17.94	17.91	17.04	14.86	
		1717.5 (132047)	17.91	17.85	16.91	14.85	
	20MHz	1RB-High (99)	1770 (132572)	17.84	18.16	17.99	14.68
			1745 (132322)	18.29	17.86	17.75	15.09
			1720 (132072)	18.06	18.11	18.24	15.05
		1RB-Middle (50)	1770 (132572)	17.98	18.15	18.35	14.77
			1745 (132322)	18.33	18.40	17.92	15.13
			1720 (132072)	17.67	18.19	17.99	14.94
1RB-Low (0)		1770 (132572)	17.84	18.42	17.86	14.89	
		1745 (132322)	17.75	18.02	18.01	14.74	
		1720 (132072)	17.68	17.97	17.89	15.16	
50RB-High (50)		1770 (132572)	18.03	18.00	17.19	14.80	
		1745 (132322)	17.91	17.90	17.09	14.96	
		1720 (132072)	17.86	17.89	17.07	14.77	
50RB-Middle (25)		1770 (132572)	18.06	17.96	17.20	14.72	
		1745 (132322)	17.90	17.91	17.12	14.78	
		1720 (132072)	17.80	17.84	17.03	14.86	
50RB-Low (0)		1770 (132572)	17.95	17.95	17.16	14.66	
		1745 (132322)	17.83	17.77	16.99	14.77	
		1720 (132072)	17.76	17.75	16.94	14.77	
100RB (0)		1770 (132572)	17.89	17.97	17.04	14.78	
		1745 (132322)	17.89	17.88	17.06	14.72	
		1720 (132072)	17.87	17.85	16.99	14.86	

LTE Band66(ANT8 DSI 3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	19.87	19.43	18.29	15.16
		1745 (132322)	19.65	19.45	18.03	15.48
		1710.7 (131979)	19.52	19.43	18.21	15.40
	1RB-Middle (3)	1779.3 (132665)	19.81	19.58	18.37	15.38
		1745 (132322)	19.56	19.67	18.24	15.55
		1710.7 (131979)	19.63	19.42	18.25	15.48
	1RB-Low (0)	1779.3 (132665)	19.72	19.40	18.49	15.29
		1745 (132322)	19.80	19.61	18.14	15.24
		1710.7 (131979)	19.49	19.56	18.30	15.68
	3RB-High (3)	1779.3 (132665)	19.84	19.51	18.35	15.21
		1745 (132322)	19.65	19.32	18.33	15.40
		1710.7 (131979)	19.53	19.17	18.09	15.16
	3RB-Middle (1)	1779.3 (132665)	19.86	19.45	18.34	15.20
		1745 (132322)	19.62	19.31	18.15	15.40
		1710.7 (131979)	19.63	19.42	18.11	15.28
	3RB-Low (0)	1779.3 (132665)	19.76	19.40	18.31	15.29
		1745 (132322)	19.58	19.42	18.19	15.34
		1710.7 (131979)	19.63	19.14	18.09	15.43
	6RB (0)	1779.3 (132665)	19.28	18.16	17.30	14.99
		1745 (132322)	19.11	18.23	17.15	15.36
		1710.7 (131979)	19.09	18.00	17.15	15.21
3MHz	1RB-High (14)	1778.5 (132657)	19.77	19.62	18.25	15.24
		1745 (132322)	19.50	19.23	18.11	15.43
		1711.5 (131987)	19.43	19.46	18.25	15.32
	1RB-Middle (7)	1778.5 (132657)	19.90	19.69	18.44	15.44
		1745 (132322)	19.59	19.46	18.25	15.38
		1711.5 (131987)	19.58	19.61	18.43	15.35
	1RB-Low (0)	1778.5 (132657)	19.71	19.31	18.31	15.25
		1745 (132322)	19.51	19.43	18.24	15.32
		1711.5 (131987)	19.55	19.13	18.02	15.08
	8RB-High (7)	1778.5 (132657)	19.28	18.34	17.31	15.17
		1745 (132322)	19.21	18.36	17.14	15.25
		1711.5 (131987)	19.14	18.24	17.12	15.25
	8RB-Middle (4)	1778.5 (132657)	19.38	18.28	17.28	15.19
		1745 (132322)	19.23	18.23	17.26	15.35
		1711.5 (131987)	19.19	18.26	17.21	15.39
	8RB-Low (0)	1778.5 (132657)	19.40	18.37	17.27	15.04
		1745 (132322)	19.09	18.10	17.18	15.20
		1711.5 (131987)	19.11	18.18	17.18	15.23
	15RB (0)	1778.5 (132657)	19.31	18.27	17.22	15.25
		1745 (132322)	19.16	18.15	17.18	15.16
		1711.5 (131987)	19.13	18.15	17.07	15.20

5MHz	1RB-High (24)	1777.5 (132647)	19.76	19.70	18.43	15.32
		1745 (132322)	19.60	19.37	18.19	15.35
		1712.5 (131997)	19.45	19.55	18.16	15.19
	1RB-Middle (12)	1777.5 (132647)	19.98	19.37	18.44	15.40
		1745 (132322)	19.83	19.36	18.26	15.44
		1712.5 (131997)	19.57	19.39	18.21	15.52
	1RB-Low (0)	1777.5 (132647)	19.76	19.48	18.25	15.08
		1745 (132322)	19.52	19.19	18.11	15.34
		1712.5 (131997)	19.48	19.33	18.27	15.47
	12RB-High (13)	1777.5 (132647)	19.28	18.31	17.25	15.08
		1745 (132322)	19.19	18.13	17.18	15.32
		1712.5 (131997)	19.14	18.19	17.10	15.20
	12RB-Middle (6)	1777.5 (132647)	19.37	18.28	17.30	15.17
		1745 (132322)	19.38	18.21	17.14	15.42
		1712.5 (131997)	19.13	18.16	17.12	15.31
	12RB-Low (0)	1777.5 (132647)	19.38	18.26	17.32	15.20
		1745 (132322)	19.09	18.11	17.15	15.16
		1712.5 (131997)	19.17	18.14	17.16	15.24
	25RB (0)	1777.5 (132647)	19.31	18.25	17.23	15.15
		1745 (132322)	19.16	18.18	17.16	15.05
		1712.5 (131997)	19.13	18.09	17.07	15.27
10MHz	1RB-High (49)	1775 (132622)	19.82	19.55	18.31	15.19
		1745 (132322)	19.61	19.57	18.51	15.24
		1715 (132022)	19.52	19.37	18.22	15.11
	1RB-Middle (24)	1775 (132622)	19.93	19.63	18.39	15.38
		1745 (132322)	19.62	19.18	18.24	15.34
		1715 (132022)	19.66	19.26	18.18	15.23
	1RB-Low (0)	1775 (132622)	19.69	19.42	18.56	15.27
		1745 (132322)	19.53	19.31	18.05	15.46
		1715 (132022)	19.53	19.64	18.21	15.28
	25RB-High (25)	1775 (132622)	19.37	18.23	17.35	15.17
		1745 (132322)	19.21	18.19	17.24	15.31
		1715 (132022)	19.19	18.09	17.16	15.27
	25RB-Middle (12)	1775 (132622)	19.38	18.36	17.29	15.15
		1745 (132322)	19.30	18.21	17.23	15.24
		1715 (132022)	19.18	18.21	17.14	15.28
	25RB-Low (0)	1775 (132622)	19.29	18.17	17.46	15.29
		1745 (132322)	19.19	18.09	17.09	15.27
		1715 (132022)	19.18	18.17	17.16	15.25
	50RB (0)	1775 (132622)	19.26	18.31	17.21	15.23
		1745 (132322)	19.22	18.22	17.17	15.09
		1715 (132022)	19.09	18.09	17.15	15.31

15MHz	1RB-High (74)	1772.5 (132597)	19.73	19.51	18.13	14.96
		1745 (132322)	19.74	19.22	18.07	15.21
		1717.5 (132047)	19.61	19.18	18.27	15.13
	1RB-Middle (37)	1772.5 (132597)	19.72	19.45	18.08	15.15
		1745 (132322)	19.50	19.33	17.95	15.11
		1717.5 (132047)	19.36	19.30	18.01	14.96
	1RB-Low (0)	1772.5 (132597)	19.62	19.25	18.15	14.95
		1745 (132322)	19.47	19.33	18.07	14.99
		1717.5 (132047)	19.37	19.02	18.01	15.05
	36RB-High (38)	1772.5 (132597)	19.29	18.16	17.26	15.05
		1745 (132322)	19.19	17.98	17.11	15.15
		1717.5 (132047)	19.01	17.99	16.99	15.07
	36RB-Middle (19)	1772.5 (132597)	19.31	18.19	17.15	15.03
		1745 (132322)	19.06	18.07	17.07	15.01
		1717.5 (132047)	19.01	17.98	16.94	15.16
	36RB-Low (0)	1772.5 (132597)	19.21	18.14	17.05	14.96
		1745 (132322)	19.01	18.01	17.04	15.11
		1717.5 (132047)	18.98	17.95	17.02	15.15
	75RB (0)	1772.5 (132597)	19.16	18.08	17.13	14.84
		1745 (132322)	19.07	18.06	17.12	15.05
		1717.5 (132047)	18.95	18.00	16.98	15.04
20MHz	1RB-High (99)	1770 (132572)	19.75	19.07	18.28	14.87
		1745 (132322)	19.55	19.29	18.23	15.28
		1720 (132072)	19.55	19.06	18.30	15.24
	1RB-Middle (50)	1770 (132572)	19.71	19.21	18.35	14.96
		1745 (132322)	19.53	19.29	18.06	15.32
		1720 (132072)	19.29	19.41	18.05	15.13
	1RB-Low (0)	1770 (132572)	19.80	19.09	18.09	15.08
		1745 (132322)	19.52	19.15	18.10	14.93
		1720 (132072)	19.39	18.97	17.93	15.35
	50RB-High (50)	1770 (132572)	19.25	18.18	17.20	14.99
		1745 (132322)	19.12	18.15	17.12	15.15
		1720 (132072)	19.01	18.10	17.05	14.96
	50RB-Middle (25)	1770 (132572)	19.22	18.24	17.21	14.91
		1745 (132322)	19.12	18.12	17.11	14.97
		1720 (132072)	19.07	18.06	16.98	15.05
	50RB-Low (0)	1770 (132572)	19.09	18.13	17.10	14.85
		1745 (132322)	19.06	18.07	17.07	14.96
		1720 (132072)	18.93	18.01	16.92	14.96
	100RB (0)	1770 (132572)	19.15	18.10	17.14	14.97
		1745 (132322)	19.06	18.12	17.11	14.91
		1720 (132072)	19.03	17.98	16.92	15.05

LTE Band66(ANT8 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	12.92	12.86	13.04	12.78
		1745 (132322)	12.93	13.08	13.31	13.04
		1710.7 (131979)	12.88	13.00	13.25	12.98
	1RB-Middle (3)	1779.3 (132665)	12.91	13.18	13.23	12.95
		1745 (132322)	13.01	13.21	12.85	13.11
		1710.7 (131979)	12.86	13.18	13.31	13.04
	1RB-Low (0)	1779.3 (132665)	12.84	13.05	13.15	12.89
		1745 (132322)	12.76	13.05	13.10	12.84
		1710.7 (131979)	12.78	13.04	12.82	12.71
	3RB-High (3)	1779.3 (132665)	12.84	12.78	13.08	12.82
		1745 (132322)	12.91	12.82	13.25	12.98
		1710.7 (131979)	12.89	12.87	13.04	12.78
	3RB-Middle (1)	1779.3 (132665)	12.81	12.76	13.07	12.81
		1745 (132322)	12.93	12.80	13.25	12.98
		1710.7 (131979)	12.85	12.81	13.14	12.88
	3RB-Low (0)	1779.3 (132665)	12.73	12.70	13.15	12.89
		1745 (132322)	12.83	12.77	13.19	12.92
		1710.7 (131979)	12.94	12.76	13.27	13.00
	6RB (0)	1779.3 (132665)	12.81	12.61	12.88	12.62
		1745 (132322)	12.93	12.73	13.21	12.94
		1710.7 (131979)	12.84	12.84	13.08	12.82
3MHz	1RB-High (14)	1778.5 (132657)	12.75	12.93	13.10	12.84
		1745 (132322)	12.83	13.13	13.27	13.00
		1711.5 (131987)	12.82	13.08	13.18	12.91
	1RB-Middle (7)	1778.5 (132657)	12.89	13.02	13.28	13.01
		1745 (132322)	12.95	13.08	13.23	12.95
		1711.5 (131987)	12.93	13.08	13.20	12.93
	1RB-Low (0)	1778.5 (132657)	12.72	12.93	13.11	12.85
		1745 (132322)	12.82	12.89	13.18	12.91
		1711.5 (131987)	12.80	12.98	12.97	12.71
	8RB-High (7)	1778.5 (132657)	12.81	12.72	13.05	12.79
		1745 (132322)	13.02	12.87	13.11	12.85
		1711.5 (131987)	12.96	12.74	13.11	12.85
	8RB-Middle (4)	1778.5 (132657)	12.80	12.79	13.06	12.80
		1745 (132322)	12.96	12.82	13.20	12.93
		1711.5 (131987)	12.98	12.92	13.24	12.96
	8RB-Low (0)	1778.5 (132657)	12.91	12.85	12.94	12.66
		1745 (132322)	12.86	12.74	13.07	12.81
		1711.5 (131987)	12.91	12.85	13.09	12.83
	15RB (0)	1778.5 (132657)	12.86	12.66	13.11	12.85
		1745 (132322)	12.89	12.67	13.04	12.78
		1711.5 (131987)	12.97	12.72	13.07	12.81

5MHz	1RB-High (24)	1777.5 (132647)	12.73	12.92	13.18	12.91
		1745 (132322)	12.81	12.89	13.20	12.93
		1712.5 (131997)	12.82	12.98	13.06	12.80
	1RB-Middle (12)	1777.5 (132647)	12.91	12.87	13.25	12.98
		1745 (132322)	12.93	13.13	13.28	13.01
		1712.5 (131997)	12.91	13.04	12.90	13.09
	1RB-Low (0)	1777.5 (132647)	12.75	12.89	12.97	12.71
		1745 (132322)	12.85	13.06	13.19	12.92
		1712.5 (131997)	12.89	12.99	13.30	13.03
	12RB-High (13)	1777.5 (132647)	12.89	12.72	12.97	12.71
		1745 (132322)	12.91	12.73	13.18	12.91
		1712.5 (131997)	12.94	12.74	13.07	12.81
	12RB-Middle (6)	1777.5 (132647)	12.97	12.68	13.05	12.79
		1745 (132322)	13.02	12.81	13.26	12.99
		1712.5 (131997)	13.03	12.79	13.17	12.90
	12RB-Low (0)	1777.5 (132647)	12.91	12.62	13.07	12.81
		1745 (132322)	12.85	12.74	13.04	12.78
		1712.5 (131997)	12.96	12.70	13.10	12.84
	25RB (0)	1777.5 (132647)	12.83	12.62	13.02	12.76
		1745 (132322)	12.88	12.69	12.95	12.68
		1712.5 (131997)	12.91	12.75	13.13	12.86
10MHz	1RB-High (49)	1775 (132622)	12.74	13.00	13.06	12.80
		1745 (132322)	12.93	13.11	13.10	12.84
		1715 (132022)	12.84	13.08	12.99	12.73
	1RB-Middle (24)	1775 (132622)	12.92	13.08	13.23	12.95
		1745 (132322)	12.92	12.99	13.19	12.92
		1715 (132022)	12.86	13.15	13.09	12.83
	1RB-Low (0)	1775 (132622)	12.78	13.00	13.13	12.86
		1745 (132322)	12.82	13.12	13.29	13.02
		1715 (132022)	12.85	12.98	13.14	12.88
	25RB-High (25)	1775 (132622)	12.88	12.69	13.05	12.79
		1745 (132322)	12.96	12.75	13.17	12.90
		1715 (132022)	12.91	12.72	13.13	12.86
	25RB-Middle (12)	1775 (132622)	12.96	12.75	13.02	12.76
		1745 (132322)	12.88	12.73	13.10	12.84
		1715 (132022)	13.04	12.73	13.14	12.88
	25RB-Low (0)	1775 (132622)	12.93	12.68	13.15	12.89
		1745 (132322)	12.86	12.67	13.13	12.86
		1715 (132022)	12.99	12.73	13.11	12.85
	50RB (0)	1775 (132622)	12.91	12.72	13.09	12.83
		1745 (132322)	12.85	12.68	12.98	12.72
		1715 (132022)	12.94	12.75	13.17	12.90

15MHz	1RB-High (74)	1772.5 (132597)	12.60	12.77	12.86	12.60
		1745 (132322)	12.72	12.94	13.08	12.82
		1717.5 (132047)	12.60	12.81	13.01	12.75
	1RB-Middle (37)	1772.5 (132597)	12.49	12.70	13.02	12.76
		1745 (132322)	12.68	12.65	12.99	12.73
		1717.5 (132047)	12.65	12.56	12.86	12.60
	1RB-Low (0)	1772.5 (132597)	12.61	12.58	12.85	12.59
		1745 (132322)	12.64	12.62	12.88	12.62
		1717.5 (132047)	12.77	12.78	12.95	12.68
	36RB-High (38)	1772.5 (132597)	12.72	12.58	12.95	12.68
		1745 (132322)	12.85	12.67	13.02	12.76
		1717.5 (132047)	12.78	12.59	12.96	12.69
	36RB-Middle (19)	1772.5 (132597)	12.76	12.55	12.92	12.65
		1745 (132322)	12.62	12.59	12.90	12.64
		1717.5 (132047)	12.75	12.54	13.04	12.78
	36RB-Low (0)	1772.5 (132597)	12.68	12.47	12.86	12.60
		1745 (132322)	12.77	12.49	12.99	12.73
		1717.5 (132047)	12.74	12.66	13.02	12.76
	75RB (0)	1772.5 (132597)	12.66	12.48	12.76	12.50
		1745 (132322)	12.73	12.56	12.95	12.68
		1717.5 (132047)	12.75	12.55	12.94	12.66
20MHz	1RB-High (99)	1770 (132572)	12.68	12.77	12.78	12.52
		1745 (132322)	12.79	12.78	12.60	12.88
		1720 (132072)	12.76	12.74	12.69	12.84
	1RB-Middle (50)	1770 (132572)	12.85	12.85	12.72	12.60
		1745 (132322)	12.87	12.73	12.86	12.91
		1720 (132072)	12.68	13.07	13.21	12.75
	1RB-Low (0)	1770 (132572)	12.82	12.79	12.75	12.71
		1745 (132322)	12.67	12.72	12.55	12.58
		1720 (132072)	12.70	12.70	13.26	12.93
	50RB-High (50)	1770 (132572)	12.81	12.56	12.62	12.62
		1745 (132322)	12.79	12.61	12.43	12.76
		1720 (132072)	12.76	12.47	12.53	12.60
	50RB-Middle (25)	1770 (132572)	12.85	12.62	12.63	12.55
		1745 (132322)	12.79	12.55	12.55	12.61
		1720 (132072)	12.77	12.48	12.53	12.68
	50RB-Low (0)	1770 (132572)	12.76	12.56	12.45	12.51
		1745 (132322)	12.69	12.56	12.53	12.60
		1720 (132072)	12.79	12.40	12.40	12.60
	100RB (0)	1770 (132572)	12.74	12.57	12.53	12.61
		1745 (132322)	12.83	12.59	12.61	12.55
		1720 (132072)	12.71	12.52	12.54	12.68

LTE Band66(ANT8 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	12.48	12.37	12.52	12.43
		1745 (132322)	12.49	12.58	12.78	12.69
		1710.7 (131979)	12.44	12.50	12.72	12.63
	1RB-Middle (3)	1779.3 (132665)	12.47	12.67	12.70	12.60
		1745 (132322)	12.57	12.70	12.34	12.75
		1710.7 (131979)	12.43	12.67	12.78	12.69
	1RB-Low (0)	1779.3 (132665)	12.41	12.55	12.63	12.54
		1745 (132322)	12.33	12.55	12.58	12.49
		1710.7 (131979)	12.35	12.54	12.31	12.36
	3RB-High (3)	1779.3 (132665)	12.41	12.29	12.56	12.47
		1745 (132322)	12.47	12.33	12.72	12.63
		1710.7 (131979)	12.45	12.38	12.52	12.43
	3RB-Middle (1)	1779.3 (132665)	12.38	12.27	12.55	12.46
		1745 (132322)	12.49	12.31	12.72	12.63
		1710.7 (131979)	12.42	12.32	12.62	12.53
	3RB-Low (0)	1779.3 (132665)	12.30	12.21	12.63	12.54
		1745 (132322)	12.40	12.28	12.66	12.57
		1710.7 (131979)	12.50	12.27	12.74	12.65
	6RB (0)	1779.3 (132665)	12.38	12.13	12.37	12.28
		1745 (132322)	12.49	12.24	12.68	12.59
		1710.7 (131979)	12.41	12.35	12.56	12.47
3MHz	1RB-High (14)	1778.5 (132657)	12.32	12.43	12.58	12.49
		1745 (132322)	12.40	12.63	12.74	12.65
		1711.5 (131987)	12.39	12.58	12.65	12.56
	1RB-Middle (7)	1778.5 (132657)	12.45	12.52	12.75	12.66
		1745 (132322)	12.51	12.58	12.70	12.60
		1711.5 (131987)	12.49	12.58	12.67	12.58
	1RB-Low (0)	1778.5 (132657)	12.29	12.43	12.59	12.50
		1745 (132322)	12.39	12.40	12.65	12.56
		1711.5 (131987)	12.37	12.48	12.45	12.36
	8RB-High (7)	1778.5 (132657)	12.38	12.23	12.53	12.44
		1745 (132322)	12.58	12.38	12.59	12.50
		1711.5 (131987)	12.52	12.25	12.59	12.50
	8RB-Middle (4)	1778.5 (132657)	12.37	12.30	12.54	12.45
		1745 (132322)	12.52	12.33	12.67	12.58
		1711.5 (131987)	12.54	12.42	12.71	12.61
	8RB-Low (0)	1778.5 (132657)	12.47	12.36	12.42	12.32
		1745 (132322)	12.43	12.25	12.55	12.46
		1711.5 (131987)	12.47	12.36	12.57	12.48
	15RB (0)	1778.5 (132657)	12.43	12.17	12.59	12.50
		1745 (132322)	12.45	12.18	12.52	12.43
		1711.5 (131987)	12.53	12.23	12.55	12.46

5MHz	1RB-High (24)	1777.5 (132647)	12.30	12.42	12.65	12.56
		1745 (132322)	12.38	12.40	12.67	12.58
		1712.5 (131997)	12.39	12.48	12.54	12.45
	1RB-Middle (12)	1777.5 (132647)	12.47	12.38	12.72	12.63
		1745 (132322)	12.49	12.63	12.75	12.66
		1712.5 (131997)	12.47	12.54	12.39	12.73
	1RB-Low (0)	1777.5 (132647)	12.32	12.40	12.45	12.36
		1745 (132322)	12.42	12.56	12.66	12.57
		1712.5 (131997)	12.45	12.49	12.77	12.68
	12RB-High (13)	1777.5 (132647)	12.45	12.23	12.45	12.36
		1745 (132322)	12.47	12.24	12.65	12.56
		1712.5 (131997)	12.50	12.25	12.55	12.46
	12RB-Middle (6)	1777.5 (132647)	12.53	12.19	12.53	12.44
		1745 (132322)	12.58	12.32	12.73	12.64
		1712.5 (131997)	12.59	12.30	12.64	12.55
	12RB-Low (0)	1777.5 (132647)	12.47	12.14	12.55	12.46
		1745 (132322)	12.42	12.25	12.52	12.43
		1712.5 (131997)	12.52	12.21	12.58	12.49
	25RB (0)	1777.5 (132647)	12.40	12.14	12.50	12.41
		1745 (132322)	12.44	12.20	12.43	12.34
		1712.5 (131997)	12.47	12.26	12.61	12.51
10MHz	1RB-High (49)	1775 (132622)	12.31	12.50	12.54	12.45
		1745 (132322)	12.49	12.61	12.58	12.49
		1715 (132022)	12.41	12.58	12.47	12.38
	1RB-Middle (24)	1775 (132622)	12.48	12.58	12.70	12.60
		1745 (132322)	12.48	12.49	12.66	12.57
		1715 (132022)	12.43	12.65	12.57	12.48
	1RB-Low (0)	1775 (132622)	12.35	12.50	12.61	12.51
		1745 (132322)	12.39	12.62	12.76	12.67
		1715 (132022)	12.42	12.48	12.62	12.53
	25RB-High (25)	1775 (132622)	12.44	12.20	12.53	12.44
		1745 (132322)	12.52	12.26	12.64	12.55
		1715 (132022)	12.47	12.23	12.61	12.51
	25RB-Middle (12)	1775 (132622)	12.52	12.26	12.50	12.41
		1745 (132322)	12.44	12.24	12.58	12.49
		1715 (132022)	12.60	12.24	12.62	12.53
	25RB-Low (0)	1775 (132622)	12.49	12.19	12.63	12.54
		1745 (132322)	12.43	12.18	12.61	12.51
		1715 (132022)	12.55	12.24	12.59	12.50
	50RB (0)	1775 (132622)	12.47	12.23	12.57	12.48
		1745 (132322)	12.42	12.19	12.46	12.37
		1715 (132022)	12.50	12.26	12.64	12.55

15MHz	1RB-High (74)	1772.5 (132597)	12.17	12.28	12.35	12.26
		1745 (132322)	12.29	12.44	12.56	12.47
		1717.5 (132047)	12.17	12.32	12.49	12.40
	1RB-Middle (37)	1772.5 (132597)	12.07	12.21	12.50	12.41
		1745 (132322)	12.25	12.16	12.47	12.38
		1717.5 (132047)	12.22	12.08	12.35	12.26
	1RB-Low (0)	1772.5 (132597)	12.18	12.10	12.34	12.25
		1745 (132322)	12.21	12.14	12.37	12.28
		1717.5 (132047)	12.34	12.29	12.43	12.34
	36RB-High (38)	1772.5 (132597)	12.29	12.10	12.43	12.34
		1745 (132322)	12.42	12.18	12.50	12.41
		1717.5 (132047)	12.35	12.11	12.44	12.35
	36RB-Middle (19)	1772.5 (132597)	12.33	12.07	12.40	12.31
		1745 (132322)	12.19	12.11	12.39	12.30
		1717.5 (132047)	12.32	12.06	12.52	12.43
	36RB-Low (0)	1772.5 (132597)	12.25	11.99	12.35	12.26
		1745 (132322)	12.34	12.01	12.47	12.38
		1717.5 (132047)	12.31	12.17	12.50	12.41
75RB (0)	1772.5 (132597)	12.23	12.00	12.25	12.16	
	1745 (132322)	12.30	12.08	12.43	12.34	
	1717.5 (132047)	12.32	12.07	12.42	12.32	
20MHz	1RB-High (99)	1770 (132572)	12.01	12.28	12.27	12.18
		1745 (132322)	12.06	12.19	12.16	12.53
		1720 (132072)	11.98	12.15	12.13	12.49
	1RB-Middle (50)	1770 (132572)	12.03	12.46	12.27	12.26
		1745 (132322)	11.94	12.14	12.08	12.56
		1720 (132072)	11.92	11.98	12.06	12.40
	1RB-Low (0)	1770 (132572)	12.09	12.57	12.15	12.36
		1745 (132322)	11.90	12.17	12.32	12.24
		1720 (132072)	11.92	11.93	12.21	12.58
	50RB-High (50)	1770 (132572)	12.19	12.05	12.17	12.28
		1745 (132322)	12.05	12.08	12.10	12.41
		1720 (132072)	11.91	11.94	11.97	12.26
	50RB-Middle (25)	1770 (132572)	12.18	12.22	12.15	12.21
		1745 (132322)	12.07	12.06	12.16	12.27
		1720 (132072)	12.03	12.06	12.05	12.34
	50RB-Low (0)	1770 (132572)	12.07	12.02	12.15	12.17
		1745 (132322)	11.98	12.02	11.91	12.26
		1720 (132072)	11.97	12.05	11.98	12.26
100RB (0)	1770 (132572)	12.14	12.14	12.05	12.27	
	1745 (132322)	12.08	12.09	12.12	12.21	
	1720 (132072)	12.01	12.05	12.08	12.34	

LTE Carrier Aggregation Conducted Power (Uplink)

7C ANT4 DSI1

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 7C	20M	20850	2850	1	99	20M	3048	1	0	18.20	16.97
CA 7C	20M	20850	2850	1	99	15M	3021	1	0	18.20	17.01
CA 7C	20M	20850	2850	1	99	10M	2994	1	0	18.20	17.02
CA 7C	15M	20825	2825	1	74	15M	2975	1	0	18.20	16.82
CA 7C	15M	20825	2825	1	74	10M	2945	1	0	18.20	16.99
CA 7C	20M	21350	3350	1	0	20M	3152	1	99	18.20	16.93
CA 7C	20M	21350	3350	1	0	15M	3179	1	74	18.20	16.98
CA 7C	20M	21350	3350	1	0	10M	3206	1	49	18.20	16.98
CA 7C	15M	21375	3375	1	0	15M	3225	1	74	18.20	17.00

7C ANT4 DSI3

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 7C	20M	20850	2850	1	99	20M	3048	1	0	21.10	20.02
CA 7C	20M	20850	2850	1	99	15M	3021	1	0	21.10	19.97
CA 7C	20M	20850	2850	1	99	10M	2994	1	0	21.10	19.99
CA 7C	15M	20825	2825	1	74	15M	2975	1	0	21.10	19.95
CA 7C	15M	20825	2825	1	74	10M	2945	1	0	21.10	19.96
CA 7C	20M	21350	3350	1	0	20M	3152	1	99	21.10	19.88
CA 7C	20M	21350	3350	1	0	15M	3179	1	74	21.10	19.98
CA 7C	20M	21350	3350	1	0	10M	3206	1	49	21.10	20.01
CA 7C	15M	21375	3375	1	0	15M	3225	1	74	21.10	19.91

7C ANT4 DSI13

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 7C	20M	20850	2850	1	99	20M	3048	1	0	12.20	10.92
CA 7C	20M	20850	2850	1	99	15M	3021	1	0	12.20	10.98
CA 7C	20M	20850	2850	1	99	10M	2994	1	0	12.20	10.99
CA 7C	15M	20825	2825	1	74	15M	2975	1	0	12.20	10.96
CA 7C	15M	20825	2825	1	74	10M	2945	1	0	12.20	11.02
CA 7C	20M	21350	3350	1	0	20M	3152	1	99	12.20	11.00
CA 7C	20M	21350	3350	1	0	15M	3179	1	74	12.20	11.05
CA 7C	20M	21350	3350	1	0	10M	3206	1	49	12.20	11.06
CA 7C	15M	21375	3375	1	0	15M	3225	1	74	12.20	10.91

7C ANT1 DSI1

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 7C	20M	20850	2850	1	99	20M	3048	1	0	22.20	21.12
CA 7C	20M	20850	2850	1	99	15M	3021	1	0	22.20	21.07
CA 7C	20M	20850	2850	1	99	10M	2994	1	0	22.20	21.09
CA 7C	15M	20825	2825	1	74	15M	2975	1	0	22.20	20.90
CA 7C	15M	20825	2825	1	74	10M	2945	1	0	22.20	20.91
CA 7C	20M	21350	3350	1	0	20M	3152	1	99	22.20	20.97
CA 7C	20M	21350	3350	1	0	15M	3179	1	74	22.20	21.08
CA 7C	20M	21350	3350	1	0	10M	3206	1	49	22.20	21.11
CA 7C	15M	21375	3375	1	0	15M	3225	1	74	22.20	21.00

7C ANT1 DSI3

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 7C	20M	20850	2850	1	99	20M	3048	1	0	22.40	21.28
CA 7C	20M	20850	2850	1	99	15M	3021	1	0	22.40	21.23
CA 7C	20M	20850	2850	1	99	10M	2994	1	0	22.40	21.25
CA 7C	15M	20825	2825	1	74	15M	2975	1	0	22.40	21.06
CA 7C	15M	20825	2825	1	74	10M	2945	1	0	22.40	21.07
CA 7C	20M	21350	3350	1	0	20M	3152	1	99	22.40	21.13
CA 7C	20M	21350	3350	1	0	15M	3179	1	74	22.40	21.24
CA 7C	20M	21350	3350	1	0	10M	3206	1	49	22.40	21.27
CA 7C	15M	21375	3375	1	0	15M	3225	1	74	22.40	21.16

7C ANT1 DSI13

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 7C	20M	20850	2850	1	99	20M	3048	1	0	16.20	15.17
CA 7C	20M	20850	2850	1	99	15M	3021	1	0	16.20	15.13
CA 7C	20M	20850	2850	1	99	10M	2994	1	0	16.20	15.15
CA 7C	15M	20825	2825	1	74	15M	2975	1	0	16.20	15.01
CA 7C	15M	20825	2825	1	74	10M	2945	1	0	16.20	15.02
CA 7C	20M	21350	3350	1	0	20M	3152	1	99	16.20	15.06
CA 7C	20M	21350	3350	1	0	15M	3179	1	74	16.20	15.14
CA 7C	20M	21350	3350	1	0	10M	3206	1	49	16.20	15.16
CA 7C	15M	21375	3375	1	0	15M	3225	1	74	16.20	15.08

38C ANT4 DSI1

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 38C	20M	37850	1	99	20M	38048	1	0	19.30	18.51
CA 38C	15M	37825	1	74	15M	37975	1	0	19.30	18.55
CA 38C	20M	38150	1	0	20M	37952	1	99	19.30	18.59
CA 38C	15M	38175	1	0	15M	38025	1	74	19.30	18.43

38C ANT4 DSI3

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 38C	20M	37850	1	99	20M	38048	1	0	23.60	22.78
CA 38C	15M	37825	1	74	15M	37975	1	0	23.60	22.64
CA 38C	20M	38150	1	0	20M	37952	1	99	23.60	22.81
CA 38C	15M	38175	1	0	15M	38025	1	74	23.60	22.80

38C ANT4 DSI13

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 38C	20M	37850	1	99	20M	38048	1	0	13.30	12.53
CA 38C	15M	37825	1	74	15M	37975	1	0	13.30	12.55
CA 38C	20M	38150	1	0	20M	37952	1	99	13.30	12.57
CA 38C	15M	38175	1	0	15M	38025	1	74	13.30	12.56

38C ANT1 DSI1

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 38C	20M	37850	1	99	20M	38048	1	0	24.20	23.05
CA 38C	15M	37825	1	74	15M	37975	1	0	24.20	22.91
CA 38C	20M	38150	1	0	20M	37952	1	99	24.20	23.10
CA 38C	15M	38175	1	0	15M	38025	1	74	24.20	23.07

38C ANT1 DSI3

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 38C	20M	37850	1	99	20M	38048	1	0	23.90	22.86
CA 38C	15M	37825	1	74	15M	37975	1	0	23.90	22.72
CA 38C	20M	38150	1	0	20M	37952	1	99	23.90	22.89
CA 38C	15M	38175	1	0	15M	38025	1	74	23.90	22.88

38C ANT1 DSI13

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 38C	20M	37850	1	99	20M	38048	1	0	17.90	17.00
CA 38C	15M	37825	1	74	15M	37975	1	0	17.90	16.90
CA 38C	20M	38150	1	0	20M	37952	1	99	17.90	17.04
CA 38C	15M	38175	1	0	15M	38025	1	74	17.90	17.02

41C PC3 ANT4 DSI1

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	19.30	18.38
CA 41C	20M	39750	1	99	20M	39948	1	0	19.30	18.39
CA 41C	20M	39750	1	99	15M	39921	1	0	19.30	18.36
CA 41C	20M	39750	1	99	10M	39894	1	0	19.30	18.35
CA 41C	15M	39725	1	74	10M	39845	1	0	19.30	18.40
CA 41C	20M	41490	1	0	20M	41292	1	99	19.30	18.55
CA 41C	20M	41490	1	0	15M	41319	1	74	19.30	18.57
CA 41C	20M	41490	1	0	10M	41346	1	49	19.30	18.48
CA 41C	20M	41490	1	0	5M	41373	1	24	19.30	18.50
CA 41C	15M	41515	1	0	15M	41365	1	74	19.30	18.50
CA 41C	15M	41515	1	0	10M	41395	1	49	19.30	18.48

41C PC3 ANT4 DS13

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	23.60	22.49
CA 41C	20M	39750	1	99	20M	39948	1	0	23.60	22.51
CA 41C	20M	39750	1	99	15M	39921	1	0	23.60	22.47
CA 41C	20M	39750	1	99	10M	39894	1	0	23.60	22.45
CA 41C	15M	39725	1	74	10M	39845	1	0	23.60	22.52
CA 41C	20M	41490	1	0	20M	41292	1	99	23.60	22.70
CA 41C	20M	41490	1	0	15M	41319	1	74	23.60	22.72
CA 41C	20M	41490	1	0	10M	41346	1	49	23.60	22.61
CA 41C	20M	41490	1	0	5M	41373	1	24	23.60	22.64
CA 41C	15M	41515	1	0	15M	41365	1	74	23.60	22.64
CA 41C	15M	41515	1	0	10M	41395	1	49	23.60	22.62

41C PC3 ANT4 DS113

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	13.30	12.54
CA 41C	20M	39750	1	99	20M	39948	1	0	13.30	12.55
CA 41C	20M	39750	1	99	15M	39921	1	0	13.30	12.53
CA 41C	20M	39750	1	99	10M	39894	1	0	13.30	12.52
CA 41C	15M	39725	1	74	10M	39845	1	0	13.30	12.56
CA 41C	20M	41490	1	0	20M	41292	1	99	13.30	12.66
CA 41C	20M	41490	1	0	15M	41319	1	74	13.30	12.67
CA 41C	20M	41490	1	0	10M	41346	1	49	13.30	12.61
CA 41C	20M	41490	1	0	5M	41373	1	24	13.30	12.63
CA 41C	15M	41515	1	0	15M	41365	1	74	13.30	12.63
CA 41C	15M	41515	1	0	10M	41395	1	49	13.30	12.61

41C PC3 ANT1 DS11

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	24.20	23.23
CA 41C	20M	39750	1	99	20M	39948	1	0	24.20	23.25
CA 41C	20M	39750	1	99	15M	39921	1	0	24.20	23.21
CA 41C	20M	39750	1	99	10M	39894	1	0	24.20	23.29
CA 41C	15M	39725	1	74	10M	39845	1	0	24.20	23.16
CA 41C	20M	41490	1	0	20M	41292	1	99	24.20	23.35
CA 41C	20M	41490	1	0	15M	41319	1	74	24.20	23.37
CA 41C	20M	41490	1	0	10M	41346	1	49	24.20	23.26
CA 41C	20M	41490	1	0	5M	41373	1	24	24.20	23.29
CA 41C	15M	41515	1	0	15M	41365	1	74	24.20	23.29
CA 41C	15M	41515	1	0	10M	41395	1	49	24.20	23.27

41C PC3 ANT1 DS13

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	23.90	22.92
CA 41C	20M	39750	1	99	20M	39948	1	0	23.90	22.96
CA 41C	20M	39750	1	99	15M	39921	1	0	23.90	22.91
CA 41C	20M	39750	1	99	10M	39894	1	0	23.90	23.00
CA 41C	15M	39725	1	74	10M	39845	1	0	23.90	22.84
CA 41C	20M	41490	1	0	20M	41292	1	99	23.90	23.03
CA 41C	20M	41490	1	0	15M	41319	1	74	23.90	23.05
CA 41C	20M	41490	1	0	10M	41346	1	49	23.90	22.94
CA 41C	20M	41490	1	0	5M	41373	1	24	23.90	22.97
CA 41C	15M	41515	1	0	15M	41365	1	74	23.90	22.97
CA 41C	15M	41515	1	0	10M	41395	1	49	23.90	22.95

41C PC3 ANT1 DS113

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	17.90	16.98
CA 41C	20M	39750	1	99	20M	39948	1	0	17.90	17.01
CA 41C	20M	39750	1	99	15M	39921	1	0	17.90	16.97
CA 41C	20M	39750	1	99	10M	39894	1	0	17.90	17.04
CA 41C	15M	39725	1	74	10M	39845	1	0	17.90	16.92
CA 41C	20M	41490	1	0	20M	41292	1	99	17.90	17.06
CA 41C	20M	41490	1	0	15M	41319	1	74	17.90	17.07
CA 41C	20M	41490	1	0	10M	41346	1	49	17.90	16.99
CA 41C	20M	41490	1	0	5M	41373	1	24	17.90	17.02
CA 41C	15M	41515	1	0	15M	41365	1	74	17.90	17.02
CA 41C	15M	41515	1	0	10M	41395	1	49	17.90	17.00

41C PC2 ANT4 DS11

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	20.80	19.99
CA 41C	20M	39750	1	99	20M	39948	1	0	20.80	20.01
CA 41C	20M	39750	1	99	15M	39921	1	0	20.80	19.97
CA 41C	20M	39750	1	99	10M	39894	1	0	20.80	19.96
CA 41C	15M	39725	1	74	10M	39845	1	0	20.80	20.02
CA 41C	20M	41490	1	0	20M	41292	1	99	20.80	20.18
CA 41C	20M	41490	1	0	15M	41319	1	74	20.80	20.16
CA 41C	20M	41490	1	0	10M	41346	1	49	20.80	20.10
CA 41C	20M	41490	1	0	5M	41373	1	24	20.80	20.12
CA 41C	15M	41515	1	0	15M	41365	1	74	20.80	20.13
CA 41C	15M	41515	1	0	10M	41395	1	49	20.80	20.11

41C PC2 ANT4 DS13

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	25.10	24.20
CA 41C	20M	39750	1	99	20M	39948	1	0	25.10	24.23
CA 41C	20M	39750	1	99	15M	39921	1	0	25.10	24.18
CA 41C	20M	39750	1	99	10M	39894	1	0	25.10	24.16
CA 41C	15M	39725	1	74	10M	39845	1	0	25.10	24.23
CA 41C	20M	41490	1	0	20M	41292	1	99	25.10	24.43
CA 41C	20M	41490	1	0	15M	41319	1	74	25.10	24.40
CA 41C	20M	41490	1	0	10M	41346	1	49	25.10	24.33
CA 41C	20M	41490	1	0	5M	41373	1	24	25.10	24.36
CA 41C	15M	41515	1	0	15M	41365	1	74	25.10	24.37
CA 41C	15M	41515	1	0	10M	41395	1	49	25.10	24.34

41C PC2 ANT4 DS113

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	20.80	13.95
CA 41C	20M	39750	1	99	20M	39948	1	0	20.80	13.96
CA 41C	20M	39750	1	99	15M	39921	1	0	20.80	13.93
CA 41C	20M	39750	1	99	10M	39894	1	0	20.80	13.93
CA 41C	15M	39725	1	74	10M	39845	1	0	20.80	13.97
CA 41C	20M	41490	1	0	20M	41292	1	99	20.80	14.08
CA 41C	20M	41490	1	0	15M	41319	1	74	20.80	14.07
CA 41C	20M	41490	1	0	10M	41346	1	49	20.80	14.02
CA 41C	20M	41490	1	0	5M	41373	1	24	20.80	14.04
CA 41C	15M	41515	1	0	15M	41365	1	74	20.80	14.05
CA 41C	15M	41515	1	0	10M	41395	1	49	20.80	14.03

41C PC2 ANT1 DS11

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	25.60	23.93
CA 41C	20M	39750	1	99	20M	39948	1	0	25.60	23.97
CA 41C	20M	39750	1	99	15M	39921	1	0	25.60	23.91
CA 41C	20M	39750	1	99	10M	39894	1	0	25.60	23.89
CA 41C	15M	39725	1	74	10M	39845	1	0	25.60	23.97
CA 41C	20M	41490	1	0	20M	41292	1	99	25.60	24.17
CA 41C	20M	41490	1	0	15M	41319	1	74	25.60	24.14
CA 41C	20M	41490	1	0	10M	41346	1	49	25.60	24.07
CA 41C	20M	41490	1	0	5M	41373	1	24	25.60	24.10
CA 41C	15M	41515	1	0	15M	41365	1	74	25.60	24.11
CA 41C	15M	41515	1	0	10M	41395	1	49	25.60	24.08

41C PC2 ANT1 DS13

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	25.40	23.67
CA 41C	20M	39750	1	99	20M	39948	1	0	25.40	23.71
CA 41C	20M	39750	1	99	15M	39921	1	0	25.40	23.65
CA 41C	20M	39750	1	99	10M	39894	1	0	25.40	23.63
CA 41C	15M	39725	1	74	10M	39845	1	0	25.40	23.71
CA 41C	20M	41490	1	0	20M	41292	1	99	25.40	23.91
CA 41C	20M	41490	1	0	15M	41319	1	74	25.40	23.88
CA 41C	20M	41490	1	0	10M	41346	1	49	25.40	23.81
CA 41C	20M	41490	1	0	5M	41373	1	24	25.40	23.84
CA 41C	15M	41515	1	0	15M	41365	1	74	25.40	23.85
CA 41C	15M	41515	1	0	10M	41395	1	49	25.40	23.82

41C PC2 ANT1 DSI13

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwidth	channel	RB	RB OFFSET	SCC Bandwidth	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	19.40	18.49
CA 41C	20M	39750	1	99	20M	39948	1	0	19.40	18.52
CA 41C	20M	39750	1	99	15M	39921	1	0	19.40	18.47
CA 41C	20M	39750	1	99	10M	39894	1	0	19.40	18.46
CA 41C	15M	39725	1	74	10M	39845	1	0	19.40	18.52
CA 41C	20M	41490	1	0	20M	41292	1	99	19.40	18.67
CA 41C	20M	41490	1	0	15M	41319	1	74	19.40	18.65
CA 41C	20M	41490	1	0	10M	41346	1	49	19.40	18.59
CA 41C	20M	41490	1	0	5M	41373	1	24	19.40	18.62
CA 41C	15M	41515	1	0	15M	41365	1	74	19.40	18.62
CA 41C	15M	41515	1	0	10M	41395	1	49	19.40	18.60

66C ANT4 DSI1

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	18.30	17.02
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	18.30	17.05
CA 66C	15M	132072	66511	1	74	15M	66661	1	0	18.30	16.99
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	18.30	17.02
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	18.30	16.99

66C ANT4 DSI3

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	21.90	20.58
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	21.90	20.61
CA 66C	15M	132047	66511	1	74	15M	66661	1	0	21.90	20.55
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	21.90	20.58
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	21.90	20.55

66C ANT4 DSI13

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	12.30	11.01
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	12.30	11.03
CA 66C	15M	132072	66511	1	74	15M	66661	1	0	12.30	10.99
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	12.30	11.01
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	12.30	10.99

66C ANT1 DSI1

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	25.40	24.29
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	25.40	24.31
CA 66C	15M	132072	66511	1	74	15M	66661	1	0	25.40	24.26
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	25.40	24.29
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	25.40	24.26

66C ANT1 DSI3

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	23.90	22.74
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	23.90	22.86
CA 66C	15M	132072	66511	1	74	15M	66661	1	0	23.90	22.70
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	23.90	22.74
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	23.90	22.70

66C ANT1 DSI13

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	17.90	16.67
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	17.90	16.69
CA 66C	15M	132072	66511	1	74	15M	66661	1	0	17.90	16.64
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	17.90	16.67
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	17.90	16.64

12.4 NR 5G Measurement result

N2(ANT4 DSI 1)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12.6	1907.5	381500	18.30	16.86
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12.6	1880	376000	18.30	16.94
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12.6	1852.5	370500	18.30	16.74
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50.25	1900	380000	18.30	16.90
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50.25	1880	376000	18.30	16.91
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50.25	1860	372000	18.30	16.91

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12.6	1880	376000	18.30	16.85
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12.6	1880	376000	18.30	16.77
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12.6	1880	376000	18.30	16.74
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12.6	1880	376000	18.30	16.86
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12.6	1880	376000	18.30	16.77
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12.6	1880	376000	18.30	16.70
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12.6	1880	376000	18.30	16.84
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12.6	1880	376000	18.30	16.81
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2.23	1880	376000	18.30	16.75
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2.0	1880	376000	18.30	16.80
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1.24	1880	376000	18.30	16.78
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1.0	1880	376000	18.30	16.74
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1.23	1880	376000	18.30	16.79
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1.1	1880	376000	18.30	16.80
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25.0	1880	376000	18.30	16.75
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25.12	1880	376000	18.30	16.86
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36.18	1880	376000	18.30	16.83

N2(ANT4 DSI 3)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12.6	1907.5	381500	22.30	20.88
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12.6	1880	376000	22.30	20.90
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12.6	1852.5	370500	22.30	20.89
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50.25	1900	380000	22.30	20.79
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50.25	1880	376000	22.30	20.81
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50.25	1860	372000	22.30	20.85

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12.6	1880	376000	22.30	20.71
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12.6	1880	376000	22.30	20.66
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12.6	1880	376000	22.30	20.71
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12.6	1880	376000	22.30	20.36
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12.6	1880	376000	22.30	20.70
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12.6	1880	376000	22.30	20.66
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12.6	1880	376000	22.30	20.67
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12.6	1880	376000	21.00	19.03
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2.23	1880	376000	22.30	20.79
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2.0	1880	376000	22.30	20.69
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1.24	1880	376000	22.30	20.68
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1.0	1880	376000	22.30	20.71
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1.23	1880	376000	22.30	20.75
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1.1	1880	376000	22.30	20.66
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25.0	1880	376000	22.30	20.81
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25.12	1880	376000	22.30	20.74
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36.18	1880	376000	22.30	20.77

N2(ANT4 DSI 5)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm) n2
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	13.30	12.12
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	13.30	12.17
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	13.30	12.04
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	13.30	12.14
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	13.30	12.15
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	13.30	12.15

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm) n2
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	13.30	12.11
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	13.30	12.06
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	13.30	12.04
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	13.30	12.12
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	13.30	12.06
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	13.30	12.02
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	13.30	12.10
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	13.30	12.09
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	13.30	12.05
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	13.30	12.08
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	13.30	12.07
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	13.30	12.04
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	13.30	12.08
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	13.30	12.08
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	13.30	12.05
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	13.30	12.12
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	13.30	12.10

N2(ANT4 DSI 13)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm) n2
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	12.30	10.57
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	12.30	10.62
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	12.30	10.49
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	12.30	10.59
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	12.30	10.60
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	12.30	10.60

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm) n2
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	12.30	10.56
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	12.30	10.51
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	12.30	10.49
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	12.30	10.57
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	12.30	10.51
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	12.30	10.47
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	12.30	10.55
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	12.30	10.54
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	12.30	10.50
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	12.30	10.53
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	12.30	10.52
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	12.30	10.49
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	12.30	10.53
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	12.30	10.53
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	12.30	10.50
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	12.30	10.57
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	12.30	10.55

N2(ANT1 DSI 1)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	25.20	23.69
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	25.20	23.70
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.20	23.60
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	25.20	23.67
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	25.20	23.66
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	25.20	23.63

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	25.20	23.54
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	25.20	23.62
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	24.20	22.51
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	22.70	21.13
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	24.70	22.98
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	24.20	22.29
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	23.20	21.68
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.70	19.13
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	24.20	22.49
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	24.20	22.58
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	24.20	22.42
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	24.20	22.49
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	25.20	23.46
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	25.20	23.48
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	24.70	23.10
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	25.20	23.55
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	25.20	23.60

N2(ANT1 DSI 3)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	23.00	21.48
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	23.00	21.59
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	23.00	21.40
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	23.00	21.52
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	23.00	21.58
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	23.00	21.58

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	23.00	21.47
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.00	21.48
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	23.00	21.49
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	22.70	21.16
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	23.00	21.44
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.00	21.30
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	23.00	21.42
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.70	19.05
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	23.00	21.50
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	23.00	21.48
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	23.00	21.44
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	23.00	21.43
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	23.00	21.49
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	23.00	21.50
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	23.00	21.44
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	23.00	21.48
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	23.00	21.46

N2(ANT1 DSI 13)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	17.00	15.36
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	17.00	15.43
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	17.00	15.25
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	17.00	15.40
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	17.00	15.41
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	17.00	15.41

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	17.00	15.35
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	17.00	15.28
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	17.00	15.25
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	17.00	15.36
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	17.00	15.28
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	17.00	15.22
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	17.00	15.34
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	17.00	15.32
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	17.00	15.26
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	17.00	15.31
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	17.00	15.29
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	17.00	15.25
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	17.00	15.30
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	17.00	15.31
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	17.00	15.26
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	17.00	15.36
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	17.00	15.33

N2(ANT2 DSI 1)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	19.70	18.01
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	19.70	18.10
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	19.70	17.88
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	19.70	18.06
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	19.70	18.07
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	19.70	18.07

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	19.70	18.00
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	19.70	17.92
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	19.70	17.88
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.70	18.01
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	19.70	17.92
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	19.70	17.85
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	19.70	17.99
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.70	17.97
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	19.70	17.90
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	19.70	17.95
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	19.70	17.93
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	19.70	17.88
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	19.70	17.94
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	19.70	17.95
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	19.70	17.90
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	19.70	18.01
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	19.70	17.98

N2(ANT2 DSI 3)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	20.00	18.26
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	20.00	18.35
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	20.00	18.13
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	20.00	18.31
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	20.00	18.32
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	20.00	18.32

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	20.00	18.25
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	20.00	18.17
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	20.00	18.13
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.00	18.26
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	20.00	18.17
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	20.00	18.10
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	20.00	18.24
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.00	18.21
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	20.00	18.14
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	20.00	18.20
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	20.00	18.18
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	20.00	18.13
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	20.00	18.19
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	20.00	18.20
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	20.00	18.14
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	20.00	18.26
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	20.00	18.23

N2(ANT2 DSI 13)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	13.70	11.79
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	13.70	11.85
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	13.70	11.71
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	13.70	11.82
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	13.70	11.83
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	13.70	11.83

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	13.70	11.78
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	13.70	11.73
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	13.70	11.71
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	13.70	11.79
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	13.70	11.73
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	13.70	11.71
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	13.70	11.78
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	13.70	11.76
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	13.70	11.71
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	13.70	11.75
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	13.70	11.74
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	13.70	11.71
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	13.70	11.75
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	13.70	11.75
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	13.70	11.71
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	13.70	11.79
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	13.70	11.77

N2(ANT8 DSI 1)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	16.70	15.90
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	16.70	15.98
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	16.70	15.79
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	16.70	15.94
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	16.70	15.95
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	16.70	15.95

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	16.70	15.89
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	16.70	15.82
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	16.70	15.79
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	16.70	15.90
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	16.70	15.82
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	16.70	15.76
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	16.70	15.88
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	16.30	15.86
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	16.70	15.80
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	16.70	15.85
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	16.70	15.83
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	16.70	15.79
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	16.70	15.84
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	16.70	15.85
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	16.70	15.80
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	16.70	15.90
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	16.70	15.87

N2(ANT8 DSI 3)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	19.50	18.69
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	19.50	18.78
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	19.50	18.56
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	19.50	18.74
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	19.50	18.75
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	19.50	18.75

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	19.50	18.64
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	19.50	18.61
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	19.50	18.55
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.30	18.08
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	19.50	18.70
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	19.50	18.55
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	18.80	18.56
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	16.30	16.22
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	19.50	18.57
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	19.50	18.63
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	19.50	18.60
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	19.50	18.56
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	19.50	18.62
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	19.50	18.63
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	19.50	18.57
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	19.50	18.69
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	19.50	18.65

N2(ANT8 DSI 13)

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	10.70	9.73
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	10.70	9.78
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	10.70	9.66
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	10.70	9.76
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	10.70	9.76
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	10.70	9.76

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

No.	Test Freq Description	5G-n2							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n2
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1880	376000	10.70	9.72
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	10.70	9.68
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	10.70	9.66
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	10.70	9.73
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	10.70	9.68
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	10.70	9.64
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	10.70	9.72
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	10.70	9.71
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	10.70	9.67
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	10.70	9.70
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	10.70	9.69
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	10.70	9.66
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	10.70	9.69
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	10.70	9.70
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	10.70	9.67
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	10.70	9.73
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	10.70	9.71

N5(ANT0 DSI 1_3)

No.	Test Freq Description	5G-n5						Tune up	Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		NR Test CH.	n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	24.90	24.29
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	24.90	24.39
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	24.90	24.22
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	24.90	24.28
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	24.90	24.35
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	24.90	24.25

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

No.	Test Freq Description	5G-n5						Tune up	Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)		NR Test CH.	n5
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	836.5	167300	24.90	24.33
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	24.90	24.31
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	24.40	22.93
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	22.90	21.41
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	24.90	23.67
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	24.40	23.41
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	23.40	21.92
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	20.90	19.51
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	24.40	24.33
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	24.40	24.36
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	24.40	24.36
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	24.40	24.33
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	24.90	24.33
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	24.90	24.35
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	24.90	24.35
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	24.90	24.31
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	24.90	24.28

N5(ANT0 DSI 13)

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5	
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	18.90	18.34	
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	18.90	18.39	
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	18.90	18.29	
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	18.90	18.31	
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	18.90	18.37	
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	18.90	18.29	

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

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5	
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	836.5	167300	18.90	18.34	
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	18.90	18.33	
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	18.90	18.34	
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	18.90	18.33	
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	18.90	18.31	
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	18.90	18.32	
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	18.90	18.34	
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	18.90	18.32	
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	836.5	167300	18.90	18.35	
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	18.90	18.37	
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	836.5	167300	18.90	18.37	
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	18.90	18.35	
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	836.5	167300	18.90	18.35	
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	18.90	18.36	
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	836.5	167300	18.90	18.36	
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	18.90	18.33	
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	18.90	18.31	

N5(ANT3 DSI 1)

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5	
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	21.10	20.17	
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	21.10	20.20	
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	21.10	20.11	
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	21.10	20.24	
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	21.10	20.33	
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	21.10	20.22	

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

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5	
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	836.5	167300	21.10	20.28	
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50_25	836.5	167300	21.10	20.27	
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50_25	836.5	167300	21.10	20.25	
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50_25	836.5	167300	21.10	20.27	
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50_25	836.5	167300	21.10	20.23	
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	836.5	167300	21.10	20.25	
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50_25	836.5	167300	21.10	19.82	
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50_25	836.5	167300	21.00	19.03	
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	836.5	167300	21.10	20.29	
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	21.10	20.31	
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	836.5	167300	21.10	20.31	
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	21.10	20.29	
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	836.5	167300	21.10	20.29	
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	21.10	20.3	
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	50_0	836.5	167300	21.10	20.3	
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	21.10	20.27	
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	21.10	20.24	

N5(ANT3 DSI 3)

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	25.00	24.05
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	25.00	24.09
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	25.00	23.98
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	25.00	24.14
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	25.00	24.25
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	25.00	24.11

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

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	836.5	167300	25.00	24.14
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50_25	836.5	167300	25.00	23.73
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50_25	836.5	167300	24.00	22.57
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50_25	836.5	167300	22.50	21.06
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50_25	836.5	167300	24.50	23.19
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	836.5	167300	24.00	22.57
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50_25	836.5	167300	23.00	21.51
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50_25	836.5	167300	20.50	19.04
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	836.5	167300	24.00	23.02
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	24.00	23.27
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	836.5	167300	24.00	23.25
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	24.00	23.15
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	836.5	167300	25.00	24.19
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	25.00	24.21
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	50_0	836.5	167300	24.50	24.21
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	25.00	24.17
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	25.00	24.14

N5(ANT3 DSI 13)

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	15.10	14.17
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	15.10	14.19
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	15.10	14.13
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	15.10	14.22
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	15.10	14.29
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	15.10	14.21

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

No.	Test Freq Description	5G-n5							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	836.5	167300	15.10	14.25
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	15.10	14.18
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	15.10	14.22
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	15.10	14.19
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	15.10	14.18
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	15.10	14.14
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	15.10	14.16
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	15.10	14.09
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	836.5	167300	15.10	14.25
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	15.10	14.27
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	836.5	167300	15.10	14.27
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	15.10	14.25
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	836.5	167300	15.10	14.25
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	15.10	14.26
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	50_0	836.5	167300	15.10	14.26
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	15.10	14.24
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	15.10	14.22

N7(ANT4 DSI 1)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	17.50	16.10
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	17.50	16.18
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	17.50	16.04
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	17.50	16.06
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	17.50	16.14
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	17.50	16.00

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12@6	2535	507000	17.50	16.11
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	17.50	16.10
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	17.50	16.11
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	17.50	16.09
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	17.50	16.04
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	17.50	16.07
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	17.50	16.12
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	17.50	16.07
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	17.50	16.14
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	17.50	16.17
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	17.50	16.18
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	17.50	16.13
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	17.50	16.13
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	17.50	16.16
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	17.50	16.15
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	17.50	16.08

N7(ANT4 DSI 3)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	20.70	19.11
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	20.70	19.24
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	20.70	19.01
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	20.70	19.05
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	20.70	19.18
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	20.70	18.95

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12@6	2535	507000	20.70	19.13
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	20.70	19.11
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	20.70	19.13
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	20.70	19.09
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	20.70	19.01
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	20.70	19.06
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	20.70	19.14
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	20.70	19.06
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	20.70	19.18
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	20.70	19.22
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	20.70	19.24
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	20.70	19.16
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	20.70	19.16
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	20.70	19.21
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	20.70	19.19
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	20.70	19.08
17	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	20.70	19.11

N7(ANT4 DSI 5)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	12.50	10.99
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	12.50	11.05
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	12.50	10.87
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	12.50	10.91
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	12.50	11.07
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	12.50	10.85

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	50_25	2535	507000	12.50	11.01
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50_25	2535	507000	12.50	10.99
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50_25	2535	507000	12.50	11.01
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50_25	2535	507000	12.50	10.97
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50_25	2535	507000	12.50	10.87
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	2535	507000	12.50	10.93
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50_25	2535	507000	12.50	11.03
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50_25	2535	507000	12.50	10.93
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	2535	507000	12.50	11.06
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	12.50	11.04
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2535	507000	12.50	11.05
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	12.50	11.05
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2535	507000	12.50	11.05
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	12.50	11.03
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2535	507000	12.50	11.02
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	12.50	10.95
19	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	12.50	10.99

N7(ANT4 DSI 13)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	11.50	9.73
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	11.50	9.90
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	11.50	9.61
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	11.50	9.65
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	11.50	9.82
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	11.50	9.52

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12@6	2535	507000	11.50	9.75
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	11.50	9.73
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	11.50	9.75
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	11.50	9.71
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	11.50	9.61
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	11.50	9.67
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	11.50	9.77
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	11.50	9.67
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	11.50	9.82
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	11.50	9.88
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	11.50	9.90
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	11.50	9.80
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	11.50	9.80
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	11.50	9.86
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	11.50	9.84
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	11.50	9.69
17	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	11.50	9.73

N7(ANT1 DSI 1)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	22.20	20.70
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	22.20	21.08
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	22.20	21.13
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	22.20	21.06
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	22.20	21.17
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	22.20	21.24

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50@25	2535	507000	22.20	21.22
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	2535	507000	22.20	21.23
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	2535	507000	22.20	21.22
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	2535	507000	22.20	21.11
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50@25	2535	507000	22.20	21.10
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50@25	2535	507000	22.20	21.04
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50@25	2535	507000	22.20	20.94
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50@25	2535	507000	20.90	19.31
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	2535	507000	22.20	21.04
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	22.20	21.14
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2535	507000	22.20	21.18
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	22.20	20.97
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2535	507000	22.20	20.97
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	22.20	21.10
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2535	507000	22.20	21.07
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	22.20	21.10
17	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	22.20	21.01

N7(ANT1 DSI 3)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	21.80	20.25
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	21.80	20.62
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	21.80	20.67
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	21.80	20.60
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	21.80	20.75
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	21.80	20.78

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50@25	2535	507000	21.80	20.74
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	2535	507000	21.80	20.69
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	2535	507000	21.80	20.69
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	2535	507000	21.80	20.65
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50@25	2535	507000	21.80	20.45
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50@25	2535	507000	21.80	20.58
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50@25	2535	507000	21.80	20.70
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50@25	2535	507000	20.90	19.28
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	2535	507000	21.80	20.67
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	21.80	20.68
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2535	507000	21.80	20.72
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	21.80	20.52
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2535	507000	21.80	20.52
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	21.80	20.64
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2535	507000	21.80	20.61
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	21.80	20.31
19	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	21.80	20.38

N7(ANT1 DSI 13)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	15.80	14.25
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	15.80	14.51
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	15.80	14.54
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	15.80	14.49
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	15.80	14.62
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	15.80	14.57

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50@25	2535	507000	15.80	14.59
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	2535	507000	15.80	14.56
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	2535	507000	15.80	14.59
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	2535	507000	15.80	14.53
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50@25	2535	507000	15.80	14.39
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50@25	2535	507000	15.80	14.48
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50@25	2535	507000	15.80	14.60
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50@25	2535	507000	15.80	14.48
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	2535	507000	15.80	14.54
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	15.80	14.55
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2535	507000	15.80	14.58
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	15.80	14.44
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2535	507000	15.80	14.44
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	15.80	14.52
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2535	507000	15.80	14.50
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	15.80	14.29
19	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	15.80	14.34

N7(ANT2 DSI 1_3)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	20.60	18.92
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	20.60	18.99
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	20.60	18.94
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	20.60	18.96
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	20.60	18.97
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	20.60	18.98

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	20.60	18.92
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	20.60	18.95
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	20.60	18.80
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	20.60	18.81
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	20.60	18.74
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	20.60	18.77
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	20.60	18.84
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	19.50	18.65
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	20.60	18.89
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	20.60	18.87
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	20.60	18.85
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	20.60	18.85
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	20.60	18.88
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	20.60	18.80
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	20.60	18.87
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	20.60	18.88
17	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	20.60	18.86

N7(ANT2 DSI 13)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	14.60	12.74
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	14.60	12.79
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	14.60	12.76
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	14.60	12.77
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	14.60	12.78
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	14.60	12.72

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	14.60	12.74
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	14.60	12.76
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	14.60	12.76
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	14.60	12.77
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	14.60	12.72
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	14.60	12.74
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	14.60	12.69
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	14.60	12.66
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	14.60	12.72
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	14.60	12.71
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	14.60	12.70
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	14.60	12.70
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	14.60	12.72
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	14.60	12.76
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	14.60	12.71
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	14.60	12.72
17	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	14.60	12.70

N7(ANT8 DSI 1)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	18.20	16.42
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	18.20	16.72
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	18.20	16.76
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	18.20	16.70
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	18.20	16.89
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	18.20	16.85

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50@25	2535	507000	18.20	16.83
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	2535	507000	18.20	16.84
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	2535	507000	18.20	16.70
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	2535	507000	17.80	15.91
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50@25	2535	507000	18.20	16.58
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50@25	2535	507000	18.20	16.71
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50@25	2535	507000	18.20	16.58
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50@25	2535	507000	15.80	14.23
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	2535	507000	18.20	16.61
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	18.20	16.72
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2535	507000	18.20	16.77
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	18.20	16.63
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2535	507000	18.20	16.66
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	18.20	16.73
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2535	507000	18.20	16.71
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	18.20	16.73
17	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	18.20	16.52

N7(ANT8 DSI 3)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	20.30	18.57
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	20.30	18.91
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	20.30	18.95
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	20.30	18.89
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	20.30	19.07
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	20.30	19.05

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50@25	2535	507000	20.30	19.02
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	2535	507000	20.30	18.86
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	2535	507000	19.30	17.54
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	2535	507000	17.80	15.95
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50@25	2535	507000	19.80	18.15
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50@25	2535	507000	19.30	17.84
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50@25	2535	507000	18.30	16.65
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50@25	2535	507000	15.80	14.27
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	2535	507000	20.30	18.95
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	20.30	18.96
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2535	507000	20.30	18.95
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	20.30	18.82
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2535	507000	20.30	18.82
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	20.30	18.93
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2535	507000	20.30	18.90
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	20.30	18.62
17	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	20.30	18.69

N7(ANT8 DSI 5)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	13.20	11.93
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	13.20	11.78
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	13.20	11.88
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	13.20	11.93
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	13.20	12.02
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	13.20	11.99

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	2535	507000	13.20	12.00
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50_25	2535	507000	13.20	11.97
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50_25	2535	507000	13.20	12.00
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50_25	2535	507000	13.20	11.96
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50_25	2535	507000	13.20	11.85
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	2535	507000	13.20	11.91
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50_25	2535	507000	13.20	12.01
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50_25	2535	507000	13.20	11.91
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	2535	507000	13.20	11.97
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	13.20	11.97
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2535	507000	13.20	12.00
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	13.20	11.90
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2535	507000	13.20	11.90
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	13.20	11.94
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2535	507000	13.20	11.94
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	13.20	11.79
19	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	13.20	11.82

N7(ANT8 DSI 13)

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	12.20	10.56
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	12.20	10.63
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	12.20	10.59
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	12.20	10.79
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	12.20	10.89
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	12.20	10.85

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

No.	Test Freq Description	5G-n7							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n7
1	Middle	15	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	50@25	2535	507000	12.20	10.87
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	2535	507000	12.20	10.84
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	2535	507000	12.20	10.87
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	2535	507000	12.20	10.82
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50@25	2535	507000	12.20	10.71
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50@25	2535	507000	12.20	10.78
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50@25	2535	507000	12.20	10.89
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50@25	2535	507000	12.20	10.78
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	2535	507000	12.20	10.83
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	12.20	10.84
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2535	507000	12.20	10.86
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	12.20	10.75
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2535	507000	12.20	10.75
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	12.20	10.81
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2535	507000	12.20	10.80
16	Low	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	12.20	10.64
17	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	12.20	10.67

N38(ANT4 DSI 1)

No.	Test Freq Description	5G-n38							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	17.50	16.02
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	17.50	16.06
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	17.50	16.01
4	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	17.50	16.08
5	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	17.50	16.10
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	17.50	16.07

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

No.	Test Freq Description	5G-n38							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n38
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	2595	519000	17.50	16.08
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2595	519000	17.50	16.07
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2595	519000	17.50	16.08
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2595	519000	17.50	16.07
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2595	519000	17.50	16.05
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2595	519000	17.50	16.06
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2595	519000	17.50	16.08
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2595	519000	17.50	16.06
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2595	519000	17.50	16.08
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595	519000	17.50	16.09
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2595	519000	17.50	16.09
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	17.50	16.08
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2595	519000	17.50	16.08
14	High	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2595	519000	17.50	16.09
15	Low	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2595	519000	17.50	16.09
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	17.50	16.03

N38(ANT4 DSI 3)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	20.70	19.22
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	20.70	19.28
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	20.70	19.23
4	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	20.70	19.31
5	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	20.70	19.35
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	20.70	19.30

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

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25_12	2595	519000	20.70	19.31
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2595	519000	20.70	19.30
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2595	519000	20.70	19.31
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2595	519000	20.70	19.30
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2595	519000	20.70	19.27
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2595	519000	20.70	19.29
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2595	519000	20.70	19.31
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2595	519000	20.70	19.29
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2595	519000	20.70	19.32
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	20.70	19.34
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2595	519000	20.70	19.34
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	20.70	19.32
13	Middle	30	20	DFT-s-OFDM QPSK	Outer Full	50_0	2595	519000	20.70	19.32
14	High	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2595	519000	20.70	19.33
15	Low	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	20.70	19.33
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	20.70	19.22

N38(ANT4 DSI 5)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	12.50	11.28
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	12.50	11.30
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	12.50	11.27
4	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	12.50	11.32
5	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	12.50	11.33
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	12.50	11.31

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

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25_12	2595	519000	12.50	11.32
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2595	519000	12.50	11.31
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2595	519000	12.50	11.32
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2595	519000	12.50	11.31
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2595	519000	12.50	11.30
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2595	519000	12.50	11.30
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2595	519000	12.50	11.32
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2595	519000	12.50	11.30
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2595	519000	12.50	11.29
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	12.50	11.32
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2595	519000	12.50	11.31
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	12.50	11.32
13	Middle	30	20	DFT-s-OFDM QPSK	Outer Full	50_0	2595	519000	12.50	11.30
14	High	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2595	519000	12.50	11.28
15	Low	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	12.50	11.32
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	12.50	11.29

N38(ANT4 DSI 13)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	11.50	9.90
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	11.50	9.93
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	11.50	9.86
4	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	11.50	9.97
5	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	11.50	10.02
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	11.50	9.96

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

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	2595	519000	11.50	9.97
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2595	519000	11.50	9.96
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2595	519000	11.50	9.97
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2595	519000	11.50	9.96
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2595	519000	11.50	9.92
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2595	519000	11.50	9.94
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2595	519000	11.50	9.97
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2595	519000	11.50	9.94
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2595	519000	11.50	9.98
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595	519000	11.50	10.01
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2595	519000	11.50	10.01
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	11.50	9.98
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2595	519000	11.50	9.98
14	High	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2595	519000	11.50	9.99
15	Low	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2595	519000	11.50	9.99
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	11.50	9.88

N38(ANT1 DSI 1_3)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	21.50	20.53
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	21.50	20.55
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	21.50	20.56
4	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	21.50	20.61
5	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	21.50	20.66
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	21.50	20.56

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

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	2595	519000	21.50	20.60
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2595	519000	21.50	20.56
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2595	519000	21.50	20.60
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2595	519000	21.50	20.52
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2595	519000	21.50	20.32
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2595	519000	21.50	20.45
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2595	519000	21.50	20.65
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2595	519000	21.40	19.51
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2595	519000	21.50	20.53
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595	519000	21.50	20.55
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2595	519000	21.50	20.59
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	21.50	20.39
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2595	519000	21.50	20.39
14	High	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2595	519000	21.50	20.50
15	Low	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2595	519000	21.50	20.47
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	21.50	20.33

N38(ANT1 DSI 13)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	15.50	14.31
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	15.50	14.33
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	15.50	14.29
4	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	15.50	14.39
5	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	15.50	14.42
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	15.50	14.35

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

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	2595	519000	15.50	14.38
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2595	519000	15.50	14.35
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2595	519000	15.50	14.38
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2595	519000	15.50	14.32
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2595	519000	15.50	14.18
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2595	519000	15.50	14.27
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2595	519000	15.50	14.41
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2595	519000	15.50	14.27
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2595	519000	15.50	14.33
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595	519000	15.50	14.34
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2595	519000	15.50	14.37
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	15.50	14.23
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2595	519000	15.50	14.23
14	High	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2595	519000	15.50	14.31
15	Low	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2595	519000	15.50	14.29
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	15.50	14.21

N38(ANT2 DSI 1_3)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	20.60	19.03
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	20.60	19.11
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	20.60	19.09
4	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	20.60	19.14
5	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	20.60	19.19
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	20.60	19.15

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

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	2595	519000	20.60	19.12
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2595	519000	20.60	19.08
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2595	519000	20.60	19.12
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2595	519000	20.60	19.13
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2595	519000	20.60	19.13
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2595	519000	20.60	19.15
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2595	519000	20.60	19.18
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2595	519000	19.40	17.99
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2595	519000	20.60	19.16
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595	519000	20.60	19.18
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2595	519000	20.60	19.20
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	20.60	19.29
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2595	519000	20.60	19.08
1	High	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2595	519000	20.60	19.14
3	Low	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2595	519000	20.60	19.14
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	20.60	19.12

N38(ANT2 DSI 5)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	15.60	14.30
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	15.60	14.36
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	15.60	14.31
4	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	15.60	14.34
5	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	15.60	14.38
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	15.60	14.35

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

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2595	519000	15.60	14.37
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2595	519000	15.60	14.34
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2595	519000	15.60	14.37
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2595	519000	15.60	14.35
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2595	519000	15.60	14.37
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2595	519000	15.60	14.31
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2595	519000	15.60	14.33
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2595	519000	15.60	13.51
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2595	519000	15.60	14.39
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	15.60	14.35
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2595	519000	15.60	14.36
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	15.60	14.33
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2595	519000	15.60	14.34
1	High	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2595	519000	15.60	14.35
3	Low	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	15.60	14.31
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	15.60	14.31

N38(ANT2 DSI 13)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	14.60	13.01
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	14.60	13.06
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	14.60	13.02
4	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	14.60	13.04
5	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	14.60	13.08
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	14.60	13.05

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

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	2595	519000	14.60	13.07
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2595	519000	14.60	13.04
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2595	519000	14.60	13.07
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2595	519000	14.60	13.05
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2595	519000	14.60	13.07
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2595	519000	14.60	13.02
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2595	519000	14.60	13.03
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2595	519000	14.60	12.29
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2595	519000	14.60	13.09
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595	519000	14.60	13.05
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2595	519000	14.60	13.06
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	14.60	13.03
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2595	519000	14.60	13.04
1	High	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2595	519000	14.60	13.05
3	Low	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2595	519000	14.60	13.02
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	14.60	13.02

N38(ANT8 DSI 1)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	17.70	16.24
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	17.70	16.31
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	17.70	16.33
4	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	17.70	16.39
5	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	17.70	16.42
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	17.70	16.34

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

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	2595	519000	17.70	16.37
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2595	519000	17.70	16.34
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2595	519000	17.70	16.37
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2595	519000	17.70	16.31
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2595	519000	17.70	16.15
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2595	519000	17.70	16.25
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2595	519000	17.70	16.37
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2595	519000	16.20	14.84
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2595	519000	17.70	16.32
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595	519000	17.70	16.33
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2595	519000	17.70	16.36
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	17.70	16.20
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2595	519000	17.70	16.20
1	High	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2595	519000	17.70	16.29
3	Low	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2595	519000	17.70	16.27
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	17.70	16.33

N38(ANT8 DSI 3)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	20.50	19.04
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	20.50	19.11
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	20.50	19.09
4	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	20.50	19.17
5	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	20.50	19.22
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	20.50	19.13

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

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	20	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25@12	2595	519000	20.50	19.18
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2595	519000	20.50	19.16
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2595	519000	19.70	18.19
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2595	519000	18.20	16.79
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2595	519000	20.20	18.89
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2595	519000	19.70	18.31
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2595	519000	18.70	17.37
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2595	519000	16.20	14.83
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2595	519000	20.50	19.11
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595	519000	20.50	19.12
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2595	519000	20.50	19.15
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	20.50	18.97
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2595	519000	20.50	18.97
14	High	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2595	519000	20.50	19.07
15	Low	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2595	519000	20.50	19.04
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	20.50	19.09

N38(ANT8 DSI 5)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	12.70	11.70
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	12.70	11.66
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	12.70	11.62
4	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	12.70	11.74
5	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	12.70	11.76
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	12.70	11.70

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

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2595	519000	12.70	11.73
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2595	519000	12.70	11.70
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2595	519000	12.70	11.73
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2595	519000	12.70	11.68
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2595	519000	12.70	11.55
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2595	519000	12.70	11.63
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2595	519000	12.70	11.75
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2595	519000	12.70	11.63
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2595	519000	12.70	11.68
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	12.70	11.69
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2595	519000	12.70	11.71
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	12.70	11.60
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2595	519000	12.70	11.59
14	High	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2595	519000	12.70	11.67
15	Low	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	12.70	11.65
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	12.70	11.63

N38(ANT8 DSI 13)

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	High	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2615	523000	11.70	10.21
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	11.70	10.17
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	11.70	10.14
4	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	11.70	10.24
5	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	11.70	10.26
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	11.70	10.21

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

No.	Test Freq Description	5G-n38							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	2595	519000	11.70	10.23
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2595	519000	11.70	10.21
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2595	519000	11.70	10.23
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2595	519000	11.70	10.19
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2595	519000	11.70	10.08
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2595	519000	11.70	10.15
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2595	519000	11.70	10.25
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2595	519000	11.70	10.15
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2595	519000	11.70	10.19
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595	519000	11.70	10.20
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2595	519000	11.70	10.22
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	11.70	10.12
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2595	519000	11.70	10.11
14	High	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2595	519000	11.70	10.18
15	Low	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2595	519000	11.70	10.16
16	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	11.70	10.15

N41(ANT4 DSI 1)

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	17.40	16.02
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	17.40	16.03
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	17.40	16.07
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	17.40	16.00
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	17.40	16.05
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	17.40	15.92
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	17.40	15.95
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	17.40	15.90
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	17.40	15.90
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	17.40	16.00

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

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2592.99	518598	17.40	16.03
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	17.40	15.99
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	17.40	16.04
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	17.40	16.06
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	17.40	15.97
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	17.40	15.97
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	17.40	15.98
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	17.40	16.03
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2592.99	518598	17.40	16.06
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	17.40	16.04
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2592.99	518598	17.40	16.03
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2592.99	518598	17.40	16.00
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2592.99	518598	17.40	16.05
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	17.40	15.99
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2592.99	518598	17.40	16.02
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	17.40	16.01
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	17.40	16.01
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	17.40	16.04
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	17.40	16.03
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	17.40	16.02
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	17.40	16.05
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	17.40	16.01

N41(ANT4 DSI 3)

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	20.70	19.33
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	20.70	19.35
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	20.70	19.41
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	20.70	19.29
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	20.70	19.36
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	20.70	19.16
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	20.70	19.21
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	20.70	19.13
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	20.70	19.12
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	20.70	19.30

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

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2592.99	518598	20.70	19.35
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	20.70	19.28
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	20.70	19.36
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	20.70	19.39
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	20.70	19.25
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	20.70	19.24
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	20.70	19.26
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	20.70	19.35
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2592.99	518598	20.70	19.40
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	20.70	19.36
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2592.99	518598	20.70	19.35
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2592.99	518598	20.70	19.29
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2592.99	518598	20.70	19.38
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	20.70	19.28
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2592.99	518598	20.70	19.33
16	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	20.70	19.32
17	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	20.70	19.31
18	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	20.70	19.36
19	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	20.70	19.35
20	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	20.70	19.31
21	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	20.70	19.34
22	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	20.70	19.30

N41(ANT4 DSI 5)

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	12.40	11.10
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	12.40	11.21
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	12.40	11.27
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	12.40	11.11
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	12.40	11.14
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	12.40	11.03
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	12.40	11.09
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	12.40	11.12
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	12.40	11.08
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	12.40	11.07

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

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM P12 BPSK1	Inner_Full	25_12	2592.99	518598	12.40	11.25
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	12.40	11.12
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	12.40	11.21
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	12.40	11.22
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	12.40	11.15
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	12.40	11.23
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	12.40	11.20
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	12.40	11.25
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2592.99	518598	12.40	11.21
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	12.40	11.17
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2592.99	518598	12.40	11.12
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	12.40	11.13
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2592.99	518598	12.40	11.19
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	12.40	11.17
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2592.99	518598	12.40	11.19
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	12.40	11.12
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	12.40	11.18
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	12.40	11.10
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	12.40	11.08
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	12.40	11.06

N41(ANT4 DSI 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.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	11.40	10.16
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	11.40	10.19
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	11.40	10.36
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	11.40	10.11
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	11.40	10.35
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	11.40	9.94
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	11.40	10.01
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	11.40	9.90
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	11.40	9.89
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	11.40	10.13

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

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM P12 BPSK1	Inner_Full	25_12	2592.99	518598	11.40	10.19
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	11.40	10.10
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	11.40	10.20
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	11.40	10.24
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	11.40	10.06
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	11.40	10.05
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	11.40	10.07
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	11.40	10.19
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2592.99	518598	11.40	10.26
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	11.40	10.20
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2592.99	518598	11.40	10.19
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2592.99	518598	11.40	10.11
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2592.99	518598	11.40	10.23
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	11.40	10.10
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2592.99	518598	11.40	10.16
16	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	11.40	10.15
17	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	11.40	10.14
18	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	11.40	10.20
19	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	11.40	10.19
20	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	11.40	10.28
21	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	11.40	10.31
22	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	11.40	10.27

N41(ANT1 DSI 1)

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	21.60	20.21
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	21.60	20.29
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	21.60	20.48
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	21.60	20.32
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	21.60	20.35
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	21.60	20.00
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	21.60	20.02
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	21.60	20.20
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	21.60	20.04
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	21.60	20.07

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

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2592.99	518598	21.60	20.38
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	21.60	20.29
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	21.60	20.25
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	21.60	20.29
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	21.60	20.32
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	21.60	20.31
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	21.60	20.35
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	21.60	20.36
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2592.99	518598	21.60	20.36
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	21.60	20.30
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2592.99	518598	21.60	20.31
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2592.99	518598	21.60	20.26
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2592.99	518598	21.60	20.33
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	21.60	20.29
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2592.99	518598	21.60	20.28
16	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	21.60	20.25
17	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	21.60	20.24
18	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	21.60	20.21
19	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	21.60	20.19
20	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	21.60	20.11
21	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	21.60	20.06
22	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	21.60	20.18

N41(ANT1 DSI 3)

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	21.50	20.07
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	21.50	20.15
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	21.50	20.35
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	21.50	20.18
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	21.50	20.21
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	21.50	19.80
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	21.50	19.88
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	21.50	20.06
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	21.50	19.90
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	21.50	19.93

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

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2592.99	518598	21.50	20.34
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	21.50	20.25
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	21.50	20.21
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	21.50	20.25
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	21.50	20.28
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	21.50	20.27
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	21.50	20.31
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	21.50	20.32
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2592.99	518598	21.50	20.32
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	21.50	20.26
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2592.99	518598	21.50	20.27
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2592.99	518598	21.50	20.22
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2592.99	518598	21.50	20.29
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	21.50	20.25
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2592.99	518598	21.50	20.24
16	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	21.50	20.21
17	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	21.50	20.20
18	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	21.50	20.17
19	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	21.50	20.15
20	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	21.50	20.06
21	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	21.50	20.01
22	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	21.50	20.03

N41(ANT1 DSI 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.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	15.50	14.03
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	15.50	14.06
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	15.50	14.11
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	15.50	14.06
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	15.50	14.07
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	15.50	14.05
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	15.50	14.07
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	15.50	14.03
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	15.50	14.08
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	15.50	14.00

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

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM Pi/2 BPSK1	Inner_Full	25_12	2592.99	518598	15.50	14.01
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	15.50	13.99
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	15.50	13.97
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	15.50	13.99
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	15.50	13.99
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	15.50	13.99
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	15.50	14.00
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	15.50	14.01
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2592.99	518598	15.50	14.01
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	15.50	13.99
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2592.99	518598	15.50	13.99
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2592.99	518598	15.50	13.98
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2592.99	518598	15.50	14.00
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	15.50	13.99
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2592.99	518598	15.50	13.98
16	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	15.50	13.97
17	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	15.50	13.97
18	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	15.50	13.96
19	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	15.50	13.96
20	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	15.50	13.89
21	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	15.50	13.94
22	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	15.50	13.92

N41(ANT2 DSI 1_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.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	20.50	19.05
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	20.50	19.07
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	20.50	19.10
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	20.50	18.80
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	20.50	18.90
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	20.50	18.80
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	20.50	18.81
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	20.50	18.84
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	20.50	18.65
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	20.50	18.75

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

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM Pi/2 BPSK1	Inner_Full	25_12	2592.99	518598	20.50	19.05
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	20.50	18.99
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	20.50	19.04
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	20.50	19.06
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	20.50	19.07
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	20.50	19.03
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	20.50	19.06
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	20.50	19.08
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2592.99	518598	20.50	19.02
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	20.50	19.01
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2592.99	518598	20.50	19.07
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2592.99	518598	20.50	19.07
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2592.99	518598	20.50	19.09
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	20.50	19.08
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2592.99	518598	20.50	19.07
16	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	20.50	19.02
17	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	20.50	18.99
18	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	20.50	18.94
19	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	20.50	18.88
20	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	20.50	18.91
21	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	20.50	19.01
22	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	20.50	18.97

N41(ANT2 DSI 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.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	14.50	12.94
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	14.50	12.94
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	14.50	12.95
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	14.50	12.89
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	14.50	12.91
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	14.50	12.89
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	14.50	12.89
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	14.50	12.90
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	14.50	12.86
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	14.50	12.88

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

No.	Test Freq Description	5G-n41						Power Results (dBm)		
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2592.99	518598	14.50	12.94
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	14.50	12.93
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	14.50	12.90
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	14.50	12.94
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	14.50	12.92
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	14.50	12.92
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	14.50	12.94
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	14.50	12.94
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2592.99	518598	14.50	12.93
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	14.50	12.93
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2592.99	518598	14.50	12.94
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2592.99	518598	14.50	12.94
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2592.99	518598	14.50	12.91
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	14.50	12.94
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2592.99	518598	14.50	12.89
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	14.50	12.93
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	14.50	12.93
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	14.50	12.92
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	14.50	12.81
22	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	14.50	12.84
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	14.50	12.87
24	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	14.50	12.91

N41(ANT8 DSI 1)

No.	Test Freq Description	5G-n41						Power Results (dBm)		
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	18.00	16.20
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	18.00	16.30
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	18.00	16.33
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	18.00	16.21
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	18.00	16.25
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	18.00	16.09
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	18.00	16.17
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	18.00	16.23
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	18.00	16.16
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	18.00	16.15

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

No.	Test Freq Description	5G-n41						Power Results (dBm)		
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2592.99	518598	18.00	16.30
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	18.00	16.20
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	18.00	16.28
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	18.00	16.31
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	18.00	16.27
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	18.00	16.30
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	18.00	16.25
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	17.00	15.64
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2592.99	518598	18.00	16.28
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	18.00	16.70
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2592.99	518598	18.00	16.22
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2592.99	518598	18.00	16.24
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2592.99	518598	18.00	16.31
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	18.00	16.28
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2592.99	518598	18.00	16.31
16	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	18.00	16.23
17	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	18.00	16.30
18	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	18.00	16.19
19	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	18.00	16.16
20	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	18.00	16.17
21	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	18.00	16.22
22	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	18.00	16.18

N41(ANT8 DSI 3)

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	20.90	18.93
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	20.90	19.35
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	20.90	19.37
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	20.90	19.02
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	20.90	18.93
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	20.90	18.97
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	20.90	19.10
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	20.90	19.08
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	20.90	18.96
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	20.90	18.91

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

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2592.99	518598	20.90	19.35
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	20.90	19.32
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	20.50	19.33
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	19.00	17.92
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	20.90	19.31
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	20.50	19.30
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	19.50	18.33
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	17.00	15.99
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2592.99	518598	17.40	16.91
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	17.40	16.87
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2592.99	518598	17.40	16.95
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2592.99	518598	17.40	16.99
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2592.99	518598	20.90	19.32
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	20.90	19.33
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2592.99	518598	20.90	19.32
16	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	20.40	19.35
17	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	20.90	19.31
18	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	20.90	19.12
19	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	20.90	19.08
20	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	20.90	19.05
21	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	20.90	19.11
22	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	20.90	19.03

N41(ANT8 DSI 5)

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	13.00	11.32
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	13.00	11.42
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	13.00	11.49
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	13.00	11.33
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	13.00	11.36
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	13.00	11.25
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	13.00	11.31
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	13.00	11.33
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	13.00	11.29
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	13.00	11.29

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

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2592.99	518598	13.00	11.46
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	13.00	11.33
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	13.00	11.42
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	13.00	11.43
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	13.00	11.38
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	13.00	11.45
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	13.00	11.42
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	13.00	11.46
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2592.99	518598	13.00	11.42
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2592.99	518598	13.00	11.38
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2592.99	518598	13.00	11.33
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2592.99	518598	13.00	11.35
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2592.99	518598	13.00	11.40
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	13.00	11.38
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2592.99	518598	13.00	11.40
18	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	13.00	11.33
19	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	13.00	11.39
20	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	13.00	11.32
21	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	13.00	11.29
23	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	13.00	11.28

N41(ANT8 DSI 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.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	12.00	10.11
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	12.00	10.21
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	12.00	10.27
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.49	509898	12.00	10.12
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	12.00	10.15
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	12.00	10.04
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	12.00	10.10
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	12.00	10.13
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	12.00	10.09
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	12.00	10.08

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

No.	Test Freq Description	5G-n41							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	Middle2	30	20	DFT-s-OFDM Pi/2 BPSK1	Inner_Full	25_12	2592.99	518598	12.00	10.25
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	12.00	10.13
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	12.00	10.21
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	12.00	10.22
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2592.99	518598	12.00	10.16
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2592.99	518598	12.00	10.23
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2592.99	518598	12.00	10.20
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2592.99	518598	12.00	10.25
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2592.99	518598	12.00	10.21
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	12.00	10.17
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2592.99	518598	12.00	10.13
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2592.99	518598	12.00	10.14
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2592.99	518598	12.00	10.19
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2592.99	518598	12.00	10.17
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2592.99	518598	12.00	10.19
16	Middle2	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2592.99	518598	12.00	10.13
17	Middle2	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2592.99	518598	12.00	10.18
18	Middle2	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	2592.99	518598	12.00	10.11
19	Middle2	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	2592.99	518598	12.00	10.09
20	Middle2	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	2592.99	518598	12.00	10.05
21	Middle2	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	2592.99	518598	12.00	10.11
22	Middle2	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	2592.99	518598	12.00	10.07

N66(ANT4 DSI 1)

No.	Test Freq Description	5G-n66							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	18.30	16.68
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	18.30	16.85
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	18.30	16.75
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	18.30	16.64
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	18.30	16.74
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	18.30	16.71

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

No.	Test Freq Description	5G-n66							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n28
1	Middle	15	5	DFT-s-OFDM Pi/2 BPSK1	Inner_Full	12_6	1745	349000	18.30	16.81
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	18.30	16.80
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	18.30	16.72
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.30	16.73
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	18.30	16.71
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	18.30	16.70
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	18.30	16.79
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	18.30	16.57
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	18.30	16.81
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	18.30	16.73
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	18.30	16.79
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	18.30	16.77
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	18.30	16.77
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	18.30	16.74
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	18.30	16.78
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	18.30	16.75
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	18.30	16.83

N66(ANT4 DSI 3)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	21.70	19.98
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	21.70	20.19
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	21.70	20.09
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	21.70	19.92
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	21.70	20.07
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	21.70	20.03

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

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	21.70	20.18
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	21.70	20.17
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.70	20.04
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	21.70	20.06
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	21.70	20.03
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	21.70	20.01
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.70	20.15
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	21.50	19.81
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	21.70	20.18
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	21.70	20.06
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	21.70	20.14
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	21.70	20.11
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	21.70	20.12
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	21.70	20.07
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	21.70	20.13
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	21.70	20.09
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	21.70	20.01

N66(ANT4 DSI 13)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	12.30	10.52
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	12.30	10.69
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	12.30	10.58
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	12.30	10.49
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	12.30	10.57
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	12.30	10.55

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

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	12.30	10.63
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	12.30	10.63
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	12.30	10.56
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	12.30	10.57
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	12.30	10.55
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	12.30	10.54
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	12.30	10.62
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	12.30	10.43
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	12.30	10.63
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	12.30	10.57
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	12.30	10.61
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	12.30	10.59
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	12.30	10.60
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	12.30	10.57
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	12.30	10.61
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	12.30	10.58
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	12.30	10.65

N66(ANT1 DSI 1)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	25.70	24.38
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	25.70	24.55
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	25.70	24.47
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1760	352000	25.70	24.40
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745	349000	25.70	24.51
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1730	346000	25.70	24.44

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

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	25.70	24.52
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	25.70	24.51
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	24.70	23.45
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	23.20	21.94
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	25.20	24.06
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	24.70	23.54
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	23.70	22.43
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	21.20	20.09
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	24.70	23.52
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	24.70	23.58
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	24.70	23.47
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	24.70	23.43
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	25.70	24.44
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	25.70	24.39
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	25.20	24.01
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	25.70	24.41
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	25.70	24.52

N66(ANT1 DSI 3)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	23.80	22.55
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	23.80	22.71
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	23.80	22.64
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1760	352000	23.80	22.57
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1745	349000	23.80	22.67
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	1730	346000	23.80	22.61

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

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	23.80	22.68
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	23.80	22.67
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	23.80	22.56
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	23.20	22.01
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	23.80	22.51
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	23.80	22.67
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	23.70	22.46
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	21.20	20.09
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	23.80	22.68
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	23.80	22.55
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	23.80	22.64
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	23.80	22.60
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	23.80	22.61
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	23.80	22.56
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	23.80	22.62
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	23.80	22.58
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	23.80	22.68

N66(ANT1 DSI 13)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	17.80	16.56
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	17.80	16.68
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	17.80	16.63
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	17.80	16.58
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	17.80	16.65
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	17.80	16.61

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

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1745	349000	17.80	16.63
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	17.80	16.60
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	17.80	16.63
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	17.80	16.56
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	17.80	16.40
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	17.80	16.51
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	17.80	16.67
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	17.80	16.51
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	17.80	16.58
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	17.80	16.59
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	17.80	16.62
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	17.80	16.46
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	17.80	16.46
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	17.80	16.55
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	17.80	16.53
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	17.80	16.58
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	17.80	16.60

N66(ANT2 DSI 1)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	21.70	20.16
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	21.70	20.17
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	21.70	20.14
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	21.70	20.13
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	21.70	20.16
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	21.70	20.15

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

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	Middle	15	5	DFT-s-OFDM P1/2 BPSK1	Inner_Full	12_6	1745	349000	21.70	20.15
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	21.70	20.09
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.70	20.04
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	21.70	20.07
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	21.70	20.08
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	21.70	20.13
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	21.70	20.16
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	20.00	18.47
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	21.70	20.12
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	21.70	20.14
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	21.70	20.15
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	21.70	20.14
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	21.70	20.16
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	21.70	20.14
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	21.70	20.16
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	21.70	20.15
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	21.70	20.12

N66(ANT2 DSI 3)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	23.30	21.75
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	23.30	21.76
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	23.30	21.73
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	23.30	21.72
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	23.30	21.75
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	23.30	21.74

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

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	23.30	21.74
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	23.30	21.74
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	23.30	21.62
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	22.00	20.39
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	23.30	21.71
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	23.30	21.69
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	22.50	21.02
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	20.00	18.50
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	23.30	21.71
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	23.30	21.73
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	23.30	21.74
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	23.30	21.73
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	23.30	21.75
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	23.30	21.73
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	23.30	21.75
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	23.30	21.74
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	23.30	21.70

N66(ANT2 DSI 13)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	15.70	14.72
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	15.70	14.82
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	15.70	14.71
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	15.70	14.71
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	15.70	14.72
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	15.70	14.71

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

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	15.70	14.71
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	15.70	14.71
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	15.70	14.67
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	15.70	14.63
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	15.70	14.72
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	15.70	14.77
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	15.70	14.66
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	15.70	14.65
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	15.70	14.70
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	15.70	14.71
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	15.70	14.71
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	15.70	14.71
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	15.70	14.72
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	15.70	14.71
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	15.70	14.72
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	15.70	14.71
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	15.70	14.70

N66(ANT8 DSI 1)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	19.10	17.76
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	19.10	17.98
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	19.10	17.82
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	19.10	17.77
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	19.10	17.85
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	19.10	17.80

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

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	19.10	17.96
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	19.10	17.85
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	19.10	17.83
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	19.10	17.71
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	19.10	17.97
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	19.10	17.95
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	19.10	17.81
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	17.30	15.97
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	19.10	17.86
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	19.10	17.76
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	19.10	17.82
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	19.10	17.79
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	19.10	17.80
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	19.10	17.76
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	19.10	17.81
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	19.10	17.78
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	19.10	17.86

N66(ANT8 DSI 3)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n66
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	21.10	19.75
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	21.10	19.89
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	21.10	19.83
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	21.10	19.77
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	21.10	19.85
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	21.10	19.80

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

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n28
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1745	349000	21.10	19.84
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	21.10	19.81
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	20.80	19.44
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	19.30	17.90
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	21.10	19.71
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	20.80	19.64
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	19.80	18.47
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	17.30	15.97
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	21.10	19.86
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	21.10	19.75
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	21.10	19.83
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	21.10	19.79
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	21.10	19.80
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	21.10	19.76
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	21.10	19.81
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	21.10	19.78
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	21.10	19.86

N66(ANT8 DSI 5)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation	NR Test Freq. (MHz)	NR Test CH.	n66		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	14.10	12.95
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	14.10	13.05
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	14.10	13.00
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	25_12	1760	352000	14.10	12.97
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	14.10	13.02
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	25_12	1730	346000	14.10	12.99

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

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation	NR Test Freq. (MHz)	NR Test CH.	n28		
1	Middle	15	5	DFT-s-OFDM Pi/2 BPSK1	Inner_Full	12_6	1745	349000	14.10	13.00
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	14.10	12.99
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	14.10	13.00
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	14.10	12.95
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	14.10	13.01
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	14.10	12.91
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	14.10	13.02
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	14.10	12.91
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	14.10	12.97
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	14.10	12.97
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	14.10	13.00
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	14.10	12.87
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	14.10	12.87
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	14.10	12.94
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	14.10	12.92
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	14.10	12.97
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	14.10	12.99

N66(ANT8 DSI 13)

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation	NR Test Freq. (MHz)	NR Test CH.	n66		
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1777.5	355500	13.10	12.10
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1745	349000	13.10	12.19
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1712.5	342500	13.10	12.15
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1770	354000	13.10	12.12
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1745	349000	13.10	12.17
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1720	344000	13.10	12.14

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

No.	Test Freq Description	5G-n66							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation	NR Test Freq. (MHz)	NR Test CH.	n28		
1	Middle	15	5	DFT-s-OFDM Pi/2 BPSK1	Inner_Full	12_6	1745	349000	13.10	12.15
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1745	349000	13.10	12.13
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1745	349000	13.10	12.15
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1745	349000	13.10	12.10
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1745	349000	13.10	12.16
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1745	349000	13.10	12.07
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1745	349000	13.10	12.17
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1745	349000	13.10	12.07
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1745	349000	13.10	12.12
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1745	349000	13.10	12.12
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1745	349000	13.10	12.15
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1745	349000	13.10	12.03
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1745	349000	13.10	12.03
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1745	349000	13.10	12.09
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1745	349000	13.10	12.08
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1745	349000	13.10	12.12
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1745	349000	13.10	12.13

N78(ANT4 DSI 1)

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	16.40	14.99
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	16.40	15.04
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	16.40	14.99
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	16.40	14.83
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	16.40	14.84

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

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	16.40	15.00
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	16.40	15.00
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	16.40	14.98
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	16.40	15.00
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	16.40	14.98
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	16.40	14.99
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	16.40	14.96
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	16.40	14.97
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	16.40	15.00
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	16.40	14.99
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	16.40	15.03
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	16.40	15.03
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	16.40	15.03
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	16.40	15.04
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	16.40	15.00
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	16.40	14.96
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	16.40	14.99
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	16.40	15.01
19	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	16.40	14.95
20	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	16.40	14.94
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	16.40	14.93
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3500.01	633334	16.40	14.97
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	16.40	14.88
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	16.40	14.83

N78(ANT4 DSI 3)

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	19.90	18.51
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	19.90	18.55
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	19.90	18.51
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	19.90	18.17
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	19.90	18.20

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

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	19.90	18.53
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	19.90	18.52
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	19.90	18.47
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	19.90	18.53
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	19.90	18.48
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	19.90	18.51
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	19.90	18.43
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	19.90	18.46
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	19.90	18.53
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	19.90	18.51
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	19.90	18.58
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	19.90	18.58
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	19.90	18.58
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	19.90	18.61
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	19.90	18.53
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	19.90	18.52
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	19.90	18.47
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	19.90	18.54
19	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	19.90	18.42
20	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	19.90	18.40
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	19.90	18.37
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3500.01	633334	19.90	18.46
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	19.90	18.28
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	19.90	18.18

N78(ANT4 DSI 5)

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	11.40	9.94
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	11.40	9.94
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	11.40	9.91
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	11.40	9.83
8	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	11.40	9.84

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

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	11.40	9.88
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	11.40	9.88
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	11.40	9.87
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	11.40	9.88
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	11.40	9.87
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	11.40	9.87
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	11.40	9.85
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	11.40	9.86
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	11.40	9.88
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	11.40	9.87
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	11.40	9.90
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	11.40	9.90
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	11.40	9.90
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	11.40	9.91
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	11.40	9.88
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	11.40	9.89
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	11.40	9.85
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	11.40	9.84
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	11.40	9.83
22	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	11.40	9.80
23	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	11.40	9.77

N78(ANT4 DSI 13)

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	10.40	9.01
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	10.40	9.15
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	10.40	9.01
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	10.40	8.56
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	10.40	8.60

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

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	10.40	9.04
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	10.40	9.03
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	10.40	8.96
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	10.40	9.04
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	10.40	8.97
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	10.40	9.01
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	10.40	8.91
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	10.40	8.95
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	10.40	9.04
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	10.40	9.01
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	10.40	9.11
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	10.40	9.11
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	10.40	9.11
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	10.40	9.15
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	10.40	9.04
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	10.40	8.98
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	10.40	9.02
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	10.40	9.05
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	10.40	8.89
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	10.40	8.87
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	10.40	8.83
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3500.01	633334	10.40	8.91
22	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	10.40	8.70
23	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	10.40	8.57

N78(ANT7 DSI 1)

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation	NR Test Freq. (MHz)	NR Test CH.	n78		
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	17.80	16.76
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	17.80	16.83
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	17.80	16.72
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	17.80	16.52
8	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	17.80	16.48

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

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation	NR Test Freq. (MHz)	NR Test CH.	n78		
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	17.80	16.82
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	17.80	16.72
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	17.80	16.82
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	17.80	16.77
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	17.80	16.78
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	17.80	16.81
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	17.80	16.76
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	17.80	16.72
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	17.80	16.80
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	17.80	16.77
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	17.80	16.81
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	17.80	16.78
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	17.80	16.82
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	17.80	16.81
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	17.80	16.78
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	17.80	16.79
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	17.80	16.78
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	17.80	16.82
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	17.80	16.79
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	17.80	16.68
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	17.80	16.70
22	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	17.80	16.59
23	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	17.80	16.56

N78(ANT7 DSI 3)

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	22.30	21.32
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	22.30	21.41
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	22.30	21.27
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	22.30	21.02
8	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	22.30	21.06

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

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n78
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	22.30	21.40
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	22.30	21.27
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	22.30	21.40
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	20.80	19.33
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	22.30	21.34
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	22.30	21.39
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	21.30	19.32
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	18.80	17.66
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	19.80	18.37
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	19.80	18.33
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	19.80	18.39
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	19.80	18.35
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	22.30	21.40
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	22.30	21.38
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	22.30	21.34
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	22.30	21.36
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	22.30	21.35
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	22.30	21.40
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	22.30	21.36
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	22.30	21.22
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	22.30	21.25
22	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	22.30	21.10
23	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	22.30	21.07

N78(ANT7 DSI 5)

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	12.80	11.31
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	12.80	11.31
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	12.80	11.27
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	12.80	11.19
8	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	12.80	11.20

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

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	30	100	DFT-s-OFDM P1/2 BPSK1	Inner_Full	25_12	3500.01	633334	12.80	11.24
2	Middle	30	100	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	12.80	11.24
3	Middle	30	100	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	12.80	11.23
4	Middle	30	100	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	12.80	11.24
5	Middle	30	100	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	12.80	11.23
6	Middle	30	100	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	12.80	11.24
7	Middle	30	100	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	12.80	11.21
8	Middle	30	100	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	12.80	11.22
1	Middle	30	100	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	12.80	11.24
6	Middle	30	100	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	12.80	11.24
9	Middle	30	100	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	12.80	11.27
10	Middle	30	100	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	12.80	11.27
11	Middle	30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	12.80	11.27
12	Middle	30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	12.80	11.27
13	Middle	30	100	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	12.80	11.24
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	12.80	11.25
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	12.80	11.21
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	12.80	11.20
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	12.80	11.19
22	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	12.80	11.15
23	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	12.80	11.12

N78(ANT7 DSI 13)

No.	Test Freq Description	5G-n78							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	11.80	10.59
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	11.80	10.67
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	11.80	10.57
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	11.80	10.44
8	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	11.80	10.41

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

No.	Test Freq Description	5G-n78							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	11.80	10.59
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	11.80	10.57
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	11.80	10.60
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	11.80	10.59
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	11.80	10.60
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	11.80	10.63
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	11.80	10.59
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	11.80	10.55
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	11.80	10.62
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	11.80	10.59
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	11.80	10.63
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	11.80	10.60
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	11.80	10.64
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	11.80	10.63
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	11.80	10.60
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	11.80	10.62
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	11.80	10.60
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	11.80	10.64
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	11.80	10.62
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	11.80	10.54
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	11.80	10.56
22	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	11.80	10.48
23	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	11.80	10.47

N78(ANT2 DSI 1)

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	19.10	17.49
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	19.10	17.85
3	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	19.10	17.77
4	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	19.10	17.53
5	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	19.10	17.41

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

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	19.10	17.72
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	19.10	17.59
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	19.10	17.57
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	19.10	17.60
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	19.10	17.64
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	19.10	17.58
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	19.10	17.68
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	19.10	17.67
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	19.10	17.70
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	19.10	17.69
11	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	19.10	17.82
12	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	19.10	17.80
13	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	19.10	17.81
14	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	19.10	17.83
15	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	19.10	17.67
16	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	19.10	17.59
17	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	19.10	17.64
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	19.10	17.62
19	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	19.10	17.60
20	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	19.10	17.50
21	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	19.10	17.52
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3500.01	633334	19.10	17.58
23	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	19.10	17.42
24	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	19.10	17.39

N78(ANT2 DSI 3)

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	19.70	18.11
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	19.70	18.18
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	19.70	18.21
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	19.70	17.95
8	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	19.70	17.82

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

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	19.70	18.16
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	19.70	18.02
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	19.70	18.00
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	19.70	18.03
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	19.70	18.07
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	19.70	18.01
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	19.70	18.11
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	19.70	18.10
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	19.70	18.13
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	19.70	18.12
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	19.70	18.11
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	19.70	18.15
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	19.70	18.12
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	19.70	18.14
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	19.70	18.10
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	19.70	18.04
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	19.70	18.02
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	19.70	18.05
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	19.70	18.03
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	19.70	17.92
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	19.70	17.94
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3500.01	633334	19.70	17.99
22	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	19.70	17.83
23	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	19.70	17.80

N78(ANT2 DSI 13)

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	13.10	11.51
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	13.10	11.56
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	13.10	11.50
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	13.10	11.39
8	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	13.10	11.30

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

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm) n78
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	13.10	11.43
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	13.10	11.34
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	13.10	11.32
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	13.10	11.34
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	13.10	11.37
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	13.10	11.33
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	13.10	11.35
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	13.10	11.33
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	13.10	11.34
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	13.10	11.37
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	13.10	11.43
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	13.10	11.55
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	13.10	11.53
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	13.10	11.55
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	13.10	11.39
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	13.10	11.42
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	13.10	11.37
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	13.10	11.36
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	13.10	11.34
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	13.10	11.27
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	13.10	11.28
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3500.01	633334	13.10	11.31
22	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	13.10	11.21
23	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	13.10	11.19

N78(ANT6 DSI 1)

No.	Test Freq Description	5G-n78							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	17.60	16.45
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	17.60	16.69
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	17.60	16.49
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	17.60	16.39
8	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	17.60	16.28

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

No.	Test Freq Description	5G-n78							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	17.60	16.66
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	17.60	16.64
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	17.60	16.51
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	17.60	16.66
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	17.60	16.52
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	17.60	16.60
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	17.60	16.41
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	17.10	16.21
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	17.60	16.66
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	17.60	16.60
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	17.60	16.66
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	17.60	16.67
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	17.60	16.60
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	17.60	16.55
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	17.60	16.66
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	17.60	16.55
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	17.60	16.50
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	17.60	16.67
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	17.60	16.60
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	17.60	16.55
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	17.60	16.49
22	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	17.60	16.56
23	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	17.60	16.54

N78(ANT6 DSI 3)

No.	Test Freq Description	5G-n78							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	18.80	17.84
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	18.80	17.88
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	18.80	17.84
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	18.80	17.77
8	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	18.80	17.74

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

No.	Test Freq Description	5G-n78							Power Results (dBm)	
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n78
1	Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	18.80	17.86
2	Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	18.80	17.84
3	Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	18.80	17.70
4	Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	18.80	17.86
5	Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	18.80	17.71
6	Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	18.80	17.79
7	Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	18.80	17.59
8	Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	17.10	16.34
1	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	18.80	17.86
6	Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	18.80	17.79
9	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	18.80	17.86
10	Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	18.80	17.87
11	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	18.80	17.79
12	Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	18.80	17.74
13	Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	18.80	17.86
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	18.80	17.74
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	18.80	17.68
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	18.80	17.87
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	18.80	17.56
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	18.80	17.52
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	18.80	17.45
22	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	18.80	17.41
23	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	18.80	17.28

N78(ANT6 DSI 5)

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	12.60	11.23
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	12.60	11.23
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	12.60	11.19
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	12.60	11.11
8	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	12.60	11.12

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

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		
1	Middle	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	12.60	11.16
2	Middle	30	100	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	12.60	11.16
3	Middle	30	100	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	12.60	11.15
4	Middle	30	100	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	12.60	11.16
5	Middle	30	100	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	12.60	11.15
6	Middle	30	100	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	12.60	11.16
7	Middle	30	100	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	12.60	11.13
8	Middle	30	100	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	12.60	11.14
1	Middle	30	100	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	12.60	11.16
6	Middle	30	100	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	12.60	11.16
9	Middle	30	100	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	12.60	11.19
10	Middle	30	100	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	12.60	11.19
11	Middle	30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	12.60	11.19
12	Middle	30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	12.60	11.19
13	Middle	30	100	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	12.60	11.16
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	12.60	11.17
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	12.60	11.13
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	12.60	11.12
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	12.60	11.11
22	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	12.60	11.07
23	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	12.60	11.04

N78(ANT6 DSI 13)

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n78
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3540	636000	11.60	10.36
2	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3500.01	633334	11.60	10.51
6	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	3460.02	630668	11.60	10.39
7	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3499.98	633332	11.60	10.26
8	Middle	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	3500.01	633334	11.60	10.23

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

No.	Test Freq Description	5G-n78							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n78
1	Middle	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	3500.01	633334	11.60	10.34
2	Middle	30	100	DFT-s-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	11.60	10.32
3	Middle	30	100	DFT-s-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	11.60	10.25
4	Middle	30	100	DFT-s-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	11.60	10.34
5	Middle	30	100	CP-OFDM QPSK	Inner_Full	25_12	3500.01	633334	11.60	10.27
6	Middle	30	100	CP-OFDM 16QAM	Inner_Full	25_12	3500.01	633334	11.60	10.30
7	Middle	30	100	CP-OFDM 64QAM	Inner_Full	25_12	3500.01	633334	11.60	10.21
8	Middle	30	100	CP-OFDM 256QAM	Inner_Full	25_12	3500.01	633334	11.60	10.25
1	Middle	30	100	DFT-s-OFDM QPSK	Edge_1RB_Right	2@49	3500.01	633334	11.60	10.34
6	Middle	30	100	DFT-s-OFDM QPSK	Edge_1RB_Left	2@0	3500.01	633334	11.60	10.30
9	Middle	30	100	DFT-s-OFDM QPSK	Edge_Full_Right	1@50	3500.01	633334	11.60	10.42
10	Middle	30	100	DFT-s-OFDM QPSK	Edge_Full_Left	1@0	3500.01	633334	11.60	10.42
11	Middle	30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	3500.01	633334	11.60	10.42
12	Middle	30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	3500.01	633334	11.60	10.46
13	Middle	30	100	DFT-s-OFDM QPSK	Outer_Full	50@0	3500.01	633334	11.60	10.34
18	Middle-5	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	3500.01	633334	11.60	10.27
18	Middle-5	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	3500.01	633334	11.60	10.36
18	Middle-5	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	3500.01	633334	11.60	10.34
18	Middle-5	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	3500.01	633334	11.60	10.22
19	Middle-5	30	50	DFT-s-OFDM QPSK	Inner_Full	64_32	3500.01	633334	11.60	10.25
20	Middle-5	30	60	DFT-s-OFDM QPSK	Inner_Full	81_40	3500.01	633334	11.60	10.23
22	Middle-5	30	70	DFT-s-OFDM QPSK	Inner_Full	90_45	3500.01	633334	11.60	10.27
22	Middle-5	30	80	DFT-s-OFDM QPSK	Inner_Full	108_54	3500.01	633334	11.60	10.22
23	Middle-5	30	90	DFT-s-OFDM QPSK	Inner_Full	120_60	3500.01	633334	11.60	10.17



12.5 Wi-Fi and BT Measurement result

The maximum output power for BT ANT6

GFSK			Tune up	EDR2M-4_DQPSK			Tune up	EDR3M-8DPSK			Tune up
Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78	
15.41	16.06	15.56	16.50	11.07	11.20	11.21	13.00	11.06	11.21	11.20	13.00

The maximum output power for BT ANT8

GFSK			Tune up	EDR2M-4_DQPSK			Tune up	EDR3M-8DPSK			Tune up
Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78	
15.85	15.89	15.19	16.50	11.18	11.20	11.04	13.00	11.06	11.23	11.21	13.00

The maximum output power for BT ANT1

GFSK			Tune up	EDR2M-4_DQPSK			Tune up	EDR3M-8DPSK			Tune up
Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78		Channel 0	Channel 39	Channel 78	
9.11	9.02	9.01	11.00	5.60	5.33	5.48	7.00	5.51	5.90	5.52	7.00

WIFI2.4G Tune up

EUT State		WIFI2.4G Station FCC body		EUT State		WIFI2.4G Station FCC body	
Mode	Ant	Min (dBm)	Max (dBm)	Mode	Ant	Min (dBm)	Max (dBm)
802.11b	Ant 6	12.5	15.5	802.11b	Ant 8	12.5	15.5
802.11g 1CHL	Ant 6	13	16	802.11g 1CHL	Ant 8	13	16
802.11g 2CHL	Ant 6	14	17	802.11g 2CHL	Ant 8	13.5	17
802.11g 3CHL	Ant 6	14.5	18	802.11g 3CHL	Ant 8	13.5	18
802.11g 4CHL	Ant 6	14.5	18.5	802.11g 4CHL	Ant 8	13.5	18
802.11g 5CHL	Ant 6	14.5	18.5	802.11g 5CHL	Ant 8	13.5	18
802.11g 6CHL	Ant 6	14.5	18.5	802.11g 6CHL	Ant 8	13.5	18
802.11g 7CHL	Ant 6	14.5	18.5	802.11g 7CHL	Ant 8	13.5	18
802.11g 8CHL	Ant 6	14.5	18.5	802.11g 8CHL	Ant 8	13.5	18
802.11g 9CHL	Ant 6	14.5	18	802.11g 9CHL	Ant 8	13.5	18
802.11g 10CHL	Ant 6	14	17	802.11g 10CHL	Ant 8	13.5	17
802.11g 11CHL	Ant 6	13.5	16.5	802.11g 11CHL	Ant 8	13.5	16.5
802.11n 1CHL	Ant 6	12	15	802.11n 1CHL	Ant 8	12	15
802.11n 2CHL	Ant 6	13	16	802.11n 2CHL	Ant 8	13	16
802.11n 3CHL	Ant 6	13.5	17.5	802.11n 3CHL	Ant 8	13.5	17.5
802.11n 4CHL	Ant 6	13.5	18	802.11n 4CHL	Ant 8	13.5	18
802.11n 5CHL	Ant 6	13.5	18	802.11n 5CHL	Ant 8	13.5	18
802.11n 6CHL	Ant 6	13.5	18	802.11n 6CHL	Ant 8	13.5	18
802.11n 7CHL	Ant 6	13.5	18	802.11n 7CHL	Ant 8	13.5	18
802.11n 8CHL	Ant 6	13.5	18	802.11n 8CHL	Ant 8	13.5	18
802.11n 9CHL	Ant 6	13.5	17	802.11n 9CHL	Ant 8	13.5	17
802.11n 10CHL	Ant 6	13.5	17	802.11n 10CHL	Ant 8	13.5	17
802.11n 11CHL	Ant 6	12.5	15.5	802.11n 11CHL	Ant 8	12.5	15.5
802.11n 40M 3CHL	Ant 6	12	15	802.11n 40M 3CHL	Ant 8	12	15
802.11n 40M 4CHL	Ant 6	12.5	15.5	802.11n 40M 4CHL	Ant 8	12.5	15.5
802.11n 40M 5CHL	Ant 6	12.5	15.5	802.11n 40M 5CHL	Ant 8	12.5	15.5
802.11n 40M 6CHL	Ant 6	13	16	802.11n 40M 6CHL	Ant 8	13	16
802.11n 40M 7CHL	Ant 6	13	16	802.11n 40M 7CHL	Ant 8	13	16
802.11n 40M 8CHL	Ant 6	12.5	15.5	802.11n 40M 8CHL	Ant 8	12.5	15.5
802.11n 40M 9CHL	Ant 6	12	15	802.11n 40M 9CHL	Ant 8	12	15
802.11ax/11be 1CHL	Ant 6	8.5	15	802.11ax/11be 1CHL	Ant 8	8.5	15
802.11ax/11be 2CHL	Ant 6	8.5	16	802.11ax/11be 2CHL	Ant 8	8.5	16
802.11ax/11be 3CHL	Ant 6	8.5	17.5	802.11ax/11be 3CHL	Ant 8	8.5	17.5
802.11ax/11be 4CHL	Ant 6	8.5	18	802.11ax/11be 4CHL	Ant 8	8.5	18
802.11ax/11be 5CHL	Ant 6	8.5	18	802.11ax/11be 5CHL	Ant 8	8.5	18
802.11ax/11be 6CHL	Ant 6	8.5	18	802.11ax/11be 6CHL	Ant 8	8.5	18
802.11ax/11be 7CHL	Ant 6	8.5	18	802.11ax/11be 7CHL	Ant 8	8.5	18
802.11ax/11be 8CHL	Ant 6	8.5	18	802.11ax/11be 8CHL	Ant 8	8.5	18
802.11ax/11be 9CHL	Ant 6	8.5	17	802.11ax/11be 9CHL	Ant 8	8.5	17
802.11ax/11be 10CHL	Ant 6	8.5	17	802.11ax/11be 10CHL	Ant 8	8.5	17
802.11ax/11be 11CHL	Ant 6	8.5	15.5	802.11ax/11be 11CHL	Ant 8	8.5	15.5
802.11ax/11be 40M 3CHL	Ant 6	8.5	15	802.11ax/11be 40M 3CHL	Ant 8	8.5	15
802.11ax/11be 40M 4CHL	Ant 6	8.5	15.5	802.11ax/11be 40M 4CHL	Ant 8	8.5	15.5
802.11ax/11be 40M 5CHL	Ant 6	8.5	15.5	802.11ax/11be 40M 5CHL	Ant 8	8.5	15.5
802.11ax/11be 40M 6CHL	Ant 6	8.5	16	802.11ax/11be 40M 6CHL	Ant 8	8.5	16
802.11ax/11be 40M 7CHL	Ant 6	8.5	16	802.11ax/11be 40M 7CHL	Ant 8	8.5	16
802.11ax/11be 40M 8CHL	Ant 6	8.5	15.5	802.11ax/11be 40M 8CHL	Ant 8	8.5	15.5
802.11ax/11be 40M 9CHL	Ant 6	8.5	15	802.11ax/11be 40M 9CHL	Ant 8	8.5	15

EUT State		WIFI2.4G+WIFI5G+BT ANT1 FCC body /WWAN+WIFI2.4G+BT ANT1 Head / WIFI2.4G alone Head /hotspot		EUT State		WIFI2.4G+WIFI5G+BT ANT1 FCC body /WWAN+WIFI2.4G+BT ANT1 Head / WIFI2.4G alone Head /hotspot	
Mode	Ant	Min (dBm)	Max (dBm)	Mode	Ant	Min (dBm)	Max (dBm)
802.11b	Ant 6	10.5	13.5	802.11b	Ant 8	10.5	13.5
802.11g 1CHL	Ant 6	10.5	13.5	802.11g 1CHL	Ant 8	10.5	13.5
802.11g 2CHL	Ant 6	10.5	13.5	802.11g 2CHL	Ant 8	10.5	13.5
802.11g 3CHL	Ant 6	10.5	13.5	802.11g 3CHL	Ant 8	10.5	13.5
802.11g 4CHL	Ant 6	10.5	13.5	802.11g 4CHL	Ant 8	10.5	13.5
802.11g 5CHL	Ant 6	10.5	13.5	802.11g 5CHL	Ant 8	10.5	13.5
802.11g 6CHL	Ant 6	10.5	13.5	802.11g 6CHL	Ant 8	10.5	13.5
802.11g 7CHL	Ant 6	10.5	13.5	802.11g 7CHL	Ant 8	10.5	13.5
802.11g 8CHL	Ant 6	10.5	13.5	802.11g 8CHL	Ant 8	10.5	13.5
802.11g 9CHL	Ant 6	10.5	13.5	802.11g 9CHL	Ant 8	10.5	13.5
802.11g 10CHL	Ant 6	10.5	13.5	802.11g 10CHL	Ant 8	10.5	13.5
802.11g 11CHL	Ant 6	10.5	13.5	802.11g 11CHL	Ant 8	10.5	13.5
802.11n 1CHL	Ant 6	10.5	13.5	802.11n 1CHL	Ant 8	10.5	13.5
802.11n 2CHL	Ant 6	10.5	13.5	802.11n 2CHL	Ant 8	10.5	13.5
802.11n 3CHL	Ant 6	10.5	13.5	802.11n 3CHL	Ant 8	10.5	13.5
802.11n 4CHL	Ant 6	10.5	13.5	802.11n 4CHL	Ant 8	10.5	13.5
802.11n 5CHL	Ant 6	10.5	13.5	802.11n 5CHL	Ant 8	10.5	13.5
802.11n 6CHL	Ant 6	10.5	13.5	802.11n 6CHL	Ant 8	10.5	13.5
802.11n 7CHL	Ant 6	10.5	13.5	802.11n 7CHL	Ant 8	10.5	13.5
802.11n 8CHL	Ant 6	10.5	13.5	802.11n 8CHL	Ant 8	10.5	13.5
802.11n 9CHL	Ant 6	10.5	13.5	802.11n 9CHL	Ant 8	10.5	13.5
802.11n 10CHL	Ant 6	10.5	13.5	802.11n 10CHL	Ant 8	10.5	13.5
802.11n 11CHL	Ant 6	10.5	13.5	802.11n 11CHL	Ant 8	10.5	13.5
802.11n 40M 3CHL	Ant 6	10.5	13.5	802.11n 40M 3CHL	Ant 8	10.5	13.5
802.11n 40M 4CHL	Ant 6	10.5	13.5	802.11n 40M 4CHL	Ant 8	10.5	13.5
802.11n 40M 5CHL	Ant 6	10.5	13.5	802.11n 40M 5CHL	Ant 8	10.5	13.5
802.11n 40M 6CHL	Ant 6	10.5	13.5	802.11n 40M 6CHL	Ant 8	10.5	13.5
802.11n 40M 7CHL	Ant 6	10.5	13.5	802.11n 40M 7CHL	Ant 8	10.5	13.5
802.11n 40M 8CHL	Ant 6	10.5	13.5	802.11n 40M 8CHL	Ant 8	10.5	13.5
802.11n 40M 9CHL	Ant 6	10.5	13.5	802.11n 40M 9CHL	Ant 8	10.5	13.5
802.11ax/11be 1CHL	Ant 6	8.5	13.5	802.11ax/11be 1CHL	Ant 8	8.5	13.5
802.11ax/11be 2CHL	Ant 6	8.5	13.5	802.11ax/11be 2CHL	Ant 8	8.5	13.5
802.11ax/11be 3CHL	Ant 6	8.5	13.5	802.11ax/11be 3CHL	Ant 8	8.5	13.5
802.11ax/11be 4CHL	Ant 6	8.5	13.5	802.11ax/11be 4CHL	Ant 8	8.5	13.5
802.11ax/11be 5CHL	Ant 6	8.5	13.5	802.11ax/11be 5CHL	Ant 8	8.5	13.5
802.11ax/11be 6CHL	Ant 6	8.5	13.5	802.11ax/11be 6CHL	Ant 8	8.5	13.5
802.11ax/11be 7CHL	Ant 6	8.5	13.5	802.11ax/11be 7CHL	Ant 8	8.5	13.5
802.11ax/11be 8CHL	Ant 6	8.5	13.5	802.11ax/11be 8CHL	Ant 8	8.5	13.5
802.11ax/11be 9CHL	Ant 6	8.5	13.5	802.11ax/11be 9CHL	Ant 8	8.5	13.5
802.11ax/11be 10CHL	Ant 6	8.5	13.5	802.11ax/11be 10CHL	Ant 8	8.5	13.5
802.11ax/11be 11CHL	Ant 6	8.5	13.5	802.11ax/11be 11CHL	Ant 8	8.5	13.5
802.11ax/11be 40M 3CHL	Ant 6	8.5	13.5	802.11ax/11be 40M 3CHL	Ant 8	8.5	13.5
802.11ax/11be 40M 4CHL	Ant 6	8.5	13.5	802.11ax/11be 40M 4CHL	Ant 8	8.5	13.5
802.11ax/11be 40M 5CHL	Ant 6	8.5	13.5	802.11ax/11be 40M 5CHL	Ant 8	8.5	13.5
802.11ax/11be 40M 6CHL	Ant 6	8.5	13.5	802.11ax/11be 40M 6CHL	Ant 8	8.5	13.5
802.11ax/11be 40M 7CHL	Ant 6	8.5	13.5	802.11ax/11be 40M 7CHL	Ant 8	8.5	13.5
802.11ax/11be 40M 8CHL	Ant 6	8.5	13.5	802.11ax/11be 40M 8CHL	Ant 8	8.5	13.5
802.11ax/11be 40M 9CHL	Ant 6	8.5	13.5	802.11ax/11be 40M 9CHL	Ant 8	8.5	13.5

EUT State		WWAN+WIFI2.4G+BT ANT1 FCC Body		EUT State		WWAN+WIFI2.4G+BT ANT1 FCC	
Mode	Ant	Min (dBm)	Max (dBm)	Mode	Ant	Min (dBm)	Max (dBm)
802.11b	Ant 6	12.5	15.5	802.11b	Ant 8	12.5	15.5
802.11g 1CHL	Ant 6	13	16	802.11g 1CHL	Ant 8	13	16
802.11g 2CHL	Ant 6	14	17	802.11g 2CHL	Ant 8	13.5	17
802.11g 3CHL	Ant 6	14.5	17.5	802.11g 3CHL	Ant 8	13.5	17.5
802.11g 4CHL	Ant 6	14.5	17.5	802.11g 4CHL	Ant 8	13.5	17.5
802.11g 5CHL	Ant 6	14.5	17.5	802.11g 5CHL	Ant 8	13.5	17.5
802.11g 6CHL	Ant 6	14.5	17.5	802.11g 6CHL	Ant 8	13.5	17.5
802.11g 7CHL	Ant 6	14.5	17.5	802.11g 7CHL	Ant 8	13.5	17.5
802.11g 8CHL	Ant 6	14.5	17.5	802.11g 8CHL	Ant 8	13.5	17.5
802.11g 9CHL	Ant 6	14.5	17.5	802.11g 9CHL	Ant 8	13.5	17.5
802.11g 10CHL	Ant 6	14	17	802.11g 10CHL	Ant 8	13.5	17
802.11g 11CHL	Ant 6	13.5	16.5	802.11g 11CHL	Ant 8	13.5	16.5
802.11n 1CHL	Ant 6	12	15	802.11n 1CHL	Ant 8	12	15
802.11n 2CHL	Ant 6	13	16	802.11n 2CHL	Ant 8	13	16
802.11n 3CHL	Ant 6	13.5	17.5	802.11n 3CHL	Ant 8	13.5	17.5
802.11n 4CHL	Ant 6	13.5	17.5	802.11n 4CHL	Ant 8	13.5	17.5
802.11n 5CHL	Ant 6	13.5	17.5	802.11n 5CHL	Ant 8	13.5	17.5
802.11n 6CHL	Ant 6	13.5	17.5	802.11n 6CHL	Ant 8	13.5	17.5
802.11n 7CHL	Ant 6	13.5	17.5	802.11n 7CHL	Ant 8	13.5	17.5
802.11n 8CHL	Ant 6	13.5	17.5	802.11n 8CHL	Ant 8	13.5	17.5
802.11n 9CHL	Ant 6	13.5	17	802.11n 9CHL	Ant 8	13.5	17
802.11n 10CHL	Ant 6	13.5	17	802.11n 10CHL	Ant 8	13.5	17
802.11n 11CHL	Ant 6	12.5	15.5	802.11n 11CHL	Ant 8	12.5	15.5
802.11n 40M 3CHL	Ant 6	12	15	802.11n 40M 3CHL	Ant 8	12	15
802.11n 40M 4CHL	Ant 6	12.5	15.5	802.11n 40M 4CHL	Ant 8	12.5	15.5
802.11n 40M 5CHL	Ant 6	12.5	15.5	802.11n 40M 5CHL	Ant 8	12.5	15.5
802.11n 40M 6CHL	Ant 6	13	16	802.11n 40M 6CHL	Ant 8	13	16
802.11n 40M 7CHL	Ant 6	13	16	802.11n 40M 7CHL	Ant 8	13	16
802.11n 40M 8CHL	Ant 6	12.5	15.5	802.11n 40M 8CHL	Ant 8	12.5	15.5
802.11n 40M 9CHL	Ant 6	12	15	802.11n 40M 9CHL	Ant 8	12	15
802.11ax/11be 1CHL	Ant 6	8.5	15	802.11ax/11be 1CHL	Ant 8	8.5	15
802.11ax/11be 2CHL	Ant 6	8.5	16	802.11ax/11be 2CHL	Ant 8	8.5	16
802.11ax/11be 3CHL	Ant 6	8.5	17.5	802.11ax/11be 3CHL	Ant 8	8.5	17.5
802.11ax/11be 4CHL	Ant 6	8.5	17.5	802.11ax/11be 4CHL	Ant 8	8.5	17.5
802.11ax/11be 5CHL	Ant 6	8.5	17.5	802.11ax/11be 5CHL	Ant 8	8.5	17.5
802.11ax/11be 6CHL	Ant 6	8.5	17.5	802.11ax/11be 6CHL	Ant 8	8.5	17.5
802.11ax/11be 7CHL	Ant 6	8.5	17.5	802.11ax/11be 7CHL	Ant 8	8.5	17.5
802.11ax/11be 8CHL	Ant 6	8.5	17.5	802.11ax/11be 8CHL	Ant 8	8.5	17.5
802.11ax/11be 9CHL	Ant 6	8.5	17	802.11ax/11be 9CHL	Ant 8	8.5	17
802.11ax/11be 10CHL	Ant 6	8.5	17	802.11ax/11be 10CHL	Ant 8	8.5	17
802.11ax/11be 11CHL	Ant 6	8.5	15.5	802.11ax/11be 11CHL	Ant 8	8.5	15.5
802.11ax/11be 40M 3CHL	Ant 6	8.5	15	802.11ax/11be 40M 3CHL	Ant 8	8.5	15
802.11ax/11be 40M 4CHL	Ant 6	8.5	15.5	802.11ax/11be 40M 4CHL	Ant 8	8.5	15.5
802.11ax/11be 40M 5CHL	Ant 6	8.5	15.5	802.11ax/11be 40M 5CHL	Ant 8	8.5	15.5
802.11ax/11be 40M 6CHL	Ant 6	8.5	16	802.11ax/11be 40M 6CHL	Ant 8	8.5	16
802.11ax/11be 40M 7CHL	Ant 6	8.5	16	802.11ax/11be 40M 7CHL	Ant 8	8.5	16
802.11ax/11be 40M 8CHL	Ant 6	8.5	15.5	802.11ax/11be 40M 8CHL	Ant 8	8.5	15.5
802.11ax/11be 40M 9CHL	Ant 6	8.5	15	802.11ax/11be 40M 9CHL	Ant 8	8.5	15

EUT State		WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head		EUT State		WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head	
Mode	Ant	Min (dBm)	Max (dBm)	Mode	Ant	Min (dBm)	Max (dBm)
802.11b	Ant 6	7.5	10.5	802.11b	Ant 8	7.5	10.5
802.11g 1CHL	Ant 6	7.5	10.5	802.11g 1CHL	Ant 8	7.5	10.5
802.11g 2CHL	Ant 6	7.5	10.5	802.11g 2CHL	Ant 8	7.5	10.5
802.11g 3CHL	Ant 6	7.5	10.5	802.11g 3CHL	Ant 8	7.5	10.5
802.11g 4CHL	Ant 6	7.5	10.5	802.11g 4CHL	Ant 8	7.5	10.5
802.11g 5CHL	Ant 6	7.5	10.5	802.11g 5CHL	Ant 8	7.5	10.5
802.11g 6CHL	Ant 6	7.5	10.5	802.11g 6CHL	Ant 8	7.5	10.5
802.11g 7CHL	Ant 6	7.5	10.5	802.11g 7CHL	Ant 8	7.5	10.5
802.11g 8CHL	Ant 6	7.5	10.5	802.11g 8CHL	Ant 8	7.5	10.5
802.11g 9CHL	Ant 6	7.5	10.5	802.11g 9CHL	Ant 8	7.5	10.5
802.11g 10CHL	Ant 6	7.5	10.5	802.11g 10CHL	Ant 8	7.5	10.5
802.11g 11CHL	Ant 6	7.5	10.5	802.11g 11CHL	Ant 8	7.5	10.5
802.11n 1CHL	Ant 6	7.5	10.5	802.11n 1CHL	Ant 8	7.5	10.5
802.11n 2CHL	Ant 6	7.5	10.5	802.11n 2CHL	Ant 8	7.5	10.5
802.11n 3CHL	Ant 6	7.5	10.5	802.11n 3CHL	Ant 8	7.5	10.5
802.11n 4CHL	Ant 6	7.5	10.5	802.11n 4CHL	Ant 8	7.5	10.5
802.11n 5CHL	Ant 6	7.5	10.5	802.11n 5CHL	Ant 8	7.5	10.5
802.11n 6CHL	Ant 6	7.5	10.5	802.11n 6CHL	Ant 8	7.5	10.5
802.11n 7CHL	Ant 6	7.5	10.5	802.11n 7CHL	Ant 8	7.5	10.5
802.11n 8CHL	Ant 6	7.5	10.5	802.11n 8CHL	Ant 8	7.5	10.5
802.11n 9CHL	Ant 6	7.5	10.5	802.11n 9CHL	Ant 8	7.5	10.5
802.11n 10CHL	Ant 6	7.5	10.5	802.11n 10CHL	Ant 8	7.5	10.5
802.11n 11CHL	Ant 6	7.5	10.5	802.11n 11CHL	Ant 8	7.5	10.5
802.11n 40M3CHL	Ant 6	7.5	10.5	802.11n 40M3CHL	Ant 8	7.5	10.5
802.11n 40M4CHL	Ant 6	7.5	10.5	802.11n 40M4CHL	Ant 8	7.5	10.5
802.11n 40M5CHL	Ant 6	7.5	10.5	802.11n 40M5CHL	Ant 8	7.5	10.5
802.11n 40M6CHL	Ant 6	7.5	10.5	802.11n 40M6CHL	Ant 8	7.5	10.5
802.11n 40M7CHL	Ant 6	7.5	10.5	802.11n 40M7CHL	Ant 8	7.5	10.5
802.11n 40M8CHL	Ant 6	7.5	10.5	802.11n 40M8CHL	Ant 8	7.5	10.5
802.11n 40M9CHL	Ant 6	7.5	10.5	802.11n 40M9CHL	Ant 8	7.5	10.5
802.11ax/11be 1CHL	Ant 6	7.5	10.5	802.11ax/11be 1CHL	Ant 8	7.5	10.5
802.11ax/11be 2CHL	Ant 6	7.5	10.5	802.11ax/11be 2CHL	Ant 8	7.5	10.5
802.11ax/11be 3CHL	Ant 6	7.5	10.5	802.11ax/11be 3CHL	Ant 8	7.5	10.5
802.11ax/11be 4CHL	Ant 6	7.5	10.5	802.11ax/11be 4CHL	Ant 8	7.5	10.5
802.11ax/11be 5CHL	Ant 6	7.5	10.5	802.11ax/11be 5CHL	Ant 8	7.5	10.5
802.11ax/11be 6CHL	Ant 6	7.5	10.5	802.11ax/11be 6CHL	Ant 8	7.5	10.5
802.11ax/11be 7CHL	Ant 6	7.5	10.5	802.11ax/11be 7CHL	Ant 8	7.5	10.5
802.11ax/11be 8CHL	Ant 6	7.5	10.5	802.11ax/11be 8CHL	Ant 8	7.5	10.5
802.11ax/11be 9CHL	Ant 6	7.5	10.5	802.11ax/11be 9CHL	Ant 8	7.5	10.5
802.11ax/11be 10CHL	Ant 6	7.5	10.5	802.11ax/11be 10CHL	Ant 8	7.5	10.5
802.11ax/11be 11CHL	Ant 6	7.5	10.5	802.11ax/11be 11CHL	Ant 8	7.5	10.5
802.11ax/11be 40M3CHL	Ant 6	7.5	10.5	802.11ax/11be 40M3CHL	Ant 8	7.5	10.5
802.11ax/11be 40M4CHL	Ant 6	7.5	10.5	802.11ax/11be 40M4CHL	Ant 8	7.5	10.5
802.11ax/11be 40M5CHL	Ant 6	7.5	10.5	802.11ax/11be 40M5CHL	Ant 8	7.5	10.5
802.11ax/11be 40M6CHL	Ant 6	7.5	10.5	802.11ax/11be 40M6CHL	Ant 8	7.5	10.5
802.11ax/11be 40M7CHL	Ant 6	7.5	10.5	802.11ax/11be 40M7CHL	Ant 8	7.5	10.5
802.11ax/11be 40M8CHL	Ant 6	7.5	10.5	802.11ax/11be 40M8CHL	Ant 8	7.5	10.5
802.11ax/11be 40M9CHL	Ant 6	7.5	10.5	802.11ax/11be 40M9CHL	Ant 8	7.5	10.5

EUT State		WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC		EUT State		WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body	
Mode	Ant	Min (dBm)	Max (dBm)	Mode	Ant	Min (dBm)	Max (dBm)
802.11b	Ant 6	8.5	11.5	802.11b	Ant 8	8.5	11.5
802.11g 1CHL	Ant 6	8.5	11.5	802.11g 1CHL	Ant 8	8.5	11.5
802.11g 2CHL	Ant 6	8.5	11.5	802.11g 2CHL	Ant 8	8.5	11.5
802.11g 3CHL	Ant 6	8.5	11.5	802.11g 3CHL	Ant 8	8.5	11.5
802.11g 4CHL	Ant 6	8.5	11.5	802.11g 4CHL	Ant 8	8.5	11.5
802.11g 5CHL	Ant 6	8.5	11.5	802.11g 5CHL	Ant 8	8.5	11.5
802.11g 6CHL	Ant 6	8.5	11.5	802.11g 6CHL	Ant 8	8.5	11.5
802.11g 7CHL	Ant 6	8.5	11.5	802.11g 7CHL	Ant 8	8.5	11.5
802.11g 8CHL	Ant 6	8.5	11.5	802.11g 8CHL	Ant 8	8.5	11.5
802.11g 9CHL	Ant 6	8.5	11.5	802.11g 9CHL	Ant 8	8.5	11.5
802.11g 10CHL	Ant 6	8.5	11.5	802.11g 10CHL	Ant 8	8.5	11.5
802.11g 11CHL	Ant 6	8.5	11.5	802.11g 11CHL	Ant 8	8.5	11.5
802.11n 1CHL	Ant 6	8.5	11.5	802.11n 1CHL	Ant 8	8.5	11.5
802.11n 2CHL	Ant 6	8.5	11.5	802.11n 2CHL	Ant 8	8.5	11.5
802.11n 3CHL	Ant 6	8.5	11.5	802.11n 3CHL	Ant 8	8.5	11.5
802.11n 4CHL	Ant 6	8.5	11.5	802.11n 4CHL	Ant 8	8.5	11.5
802.11n 5CHL	Ant 6	8.5	11.5	802.11n 5CHL	Ant 8	8.5	11.5
802.11n 6CHL	Ant 6	8.5	11.5	802.11n 6CHL	Ant 8	8.5	11.5
802.11n 7CHL	Ant 6	8.5	11.5	802.11n 7CHL	Ant 8	8.5	11.5
802.11n 8CHL	Ant 6	8.5	11.5	802.11n 8CHL	Ant 8	8.5	11.5
802.11n 9CHL	Ant 6	8.5	11.5	802.11n 9CHL	Ant 8	8.5	11.5
802.11n 10CHL	Ant 6	8.5	11.5	802.11n 10CHL	Ant 8	8.5	11.5
802.11n 11CHL	Ant 6	8.5	11.5	802.11n 11CHL	Ant 8	8.5	11.5
802.11n 40M3CHL	Ant 6	8.5	11.5	802.11n 40M3CHL	Ant 8	8.5	11.5
802.11n 40M4CHL	Ant 6	8.5	11.5	802.11n 40M4CHL	Ant 8	8.5	11.5
802.11n 40M5CHL	Ant 6	8.5	11.5	802.11n 40M5CHL	Ant 8	8.5	11.5
802.11n 40M6CHL	Ant 6	8.5	11.5	802.11n 40M6CHL	Ant 8	8.5	11.5
802.11n 40M7CHL	Ant 6	8.5	11.5	802.11n 40M7CHL	Ant 8	8.5	11.5
802.11n 40M8CHL	Ant 6	8.5	11.5	802.11n 40M8CHL	Ant 8	8.5	11.5
802.11n 40M9CHL	Ant 6	8.5	11.5	802.11n 40M9CHL	Ant 8	8.5	11.5
802.11ax/11be 1CHL	Ant 6	8.5	11.5	802.11ax/11be 1CHL	Ant 8	8.5	11.5
802.11ax/11be 2CHL	Ant 6	8.5	11.5	802.11ax/11be 2CHL	Ant 8	8.5	11.5
802.11ax/11be 3CHL	Ant 6	8.5	11.5	802.11ax/11be 3CHL	Ant 8	8.5	11.5
802.11ax/11be 4CHL	Ant 6	8.5	11.5	802.11ax/11be 4CHL	Ant 8	8.5	11.5
802.11ax/11be 5CHL	Ant 6	8.5	11.5	802.11ax/11be 5CHL	Ant 8	8.5	11.5
802.11ax/11be 6CHL	Ant 6	8.5	11.5	802.11ax/11be 6CHL	Ant 8	8.5	11.5
802.11ax/11be 7CHL	Ant 6	8.5	11.5	802.11ax/11be 7CHL	Ant 8	8.5	11.5
802.11ax/11be 8CHL	Ant 6	8.5	11.5	802.11ax/11be 8CHL	Ant 8	8.5	11.5
802.11ax/11be 9CHL	Ant 6	8.5	11.5	802.11ax/11be 9CHL	Ant 8	8.5	11.5
802.11ax/11be 10CHL	Ant 6	8.5	11.5	802.11ax/11be 10CHL	Ant 8	8.5	11.5
802.11ax/11be 11CHL	Ant 6	8.5	11.5	802.11ax/11be 11CHL	Ant 8	8.5	11.5
802.11ax/11be 40M3CHL	Ant 6	8.5	11.5	802.11ax/11be 40M3CHL	Ant 8	8.5	11.5
802.11ax/11be 40M4CHL	Ant 6	8.5	11.5	802.11ax/11be 40M4CHL	Ant 8	8.5	11.5
802.11ax/11be 40M5CHL	Ant 6	8.5	11.5	802.11ax/11be 40M5CHL	Ant 8	8.5	11.5
802.11ax/11be 40M6CHL	Ant 6	8.5	11.5	802.11ax/11be 40M6CHL	Ant 8	8.5	11.5
802.11ax/11be 40M7CHL	Ant 6	8.5	11.5	802.11ax/11be 40M7CHL	Ant 8	8.5	11.5
802.11ax/11be 40M8CHL	Ant 6	8.5	11.5	802.11ax/11be 40M8CHL	Ant 8	8.5	11.5
802.11ax/11be 40M9CHL	Ant 6	8.5	11.5	802.11ax/11be 40M9CHL	Ant 8	8.5	11.5

The maximum output power for WiFi 2.4G –WIFI2.4G Station FCC body ANT6

802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	14.60
	6(2437(MHz)	14.35
	1(2412MHz)	14.42
802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	15.68
	6(2437(MHz)	17.40
	1(2412MHz)	15.02
802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	14.45
	6(2437(MHz)	17.10
	1(2412MHz)	14.05
802.11n-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	13.81
	6(2437MHz)	14.78
	3(2422MHz)	13.85
802.11ax-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	14.67
	6(2437(MHz)	17.29
	1(2412MHz)	14.32
802.11ax-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	13.88
	6(2437MHz)	14.89
	3(2422MHz)	13.82
802.11be-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	14.60
	6(2437(MHz)	17.51
	1(2412MHz)	13.12
802.11be-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	13.84
	6(2437MHz)	15.50
	3(2422MHz)	13.11

The maximum output power for WiFi 2.4G –WIFI2.4G+WIFI5G+BT ANT1 FCC body / WWAN+WIFI2.4G+BT ANT1 Head / WIFI2.4G alone Head / hotspot ANT6

802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	12.59
	6(2437(MHz)	12.33
	1(2412MHz)	12.52
802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	12.55
	6(2437(MHz)	12.33
	1(2412MHz)	12.52
802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	12.47
	6(2437(MHz)	12.45
	1(2412MHz)	12.59
802.11n-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	12.51
	6(2437MHz)	12.35
	3(2422MHz)	12.31
802.11ax-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	12.64
	6(2437(MHz)	12.71
	1(2412MHz)	12.82
802.11ax-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	12.32
	6(2437MHz)	12.40
	3(2422MHz)	12.29
802.11be-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	12.42
	6(2437(MHz)	12.94
	1(2412MHz)	11.73
802.11be-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	12.36
	6(2437MHz)	12.85
	3(2422MHz)	11.54

The maximum output power for WiFi 2.4G –WWAN+WIFI2.4G+BT ANT1 FCC Body ANT6

802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	14.60
	6(2437(MHz)	14.35
	1(2412MHz)	14.42
802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	15.68
	6(2437(MHz)	16.69
	1(2412MHz)	15.02
802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	14.45
	6(2437(MHz)	16.63
	1(2412MHz)	14.05
802.11n-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	13.81
	6(2437MHz)	14.78
	3(2422MHz)	13.85
802.11ax-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	14.66
	6(2437(MHz)	16.90
	1(2412MHz)	14.28
802.11ax-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	13.86
	6(2437MHz)	14.90
	3(2422MHz)	13.82
802.11be-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	14.60
	6(2437(MHz)	17.02
	1(2412MHz)	13.12
802.11be-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	13.84
	6(2437MHz)	15.50
	3(2422MHz)	13.11

**The maximum output power for WiFi 2.4G –WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head /
WIFI2.4G+WIFI5G+BT ANT1 Head ANT6**

802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	9.53
	6(2437(MHz)	9.23
	1(2412MHz)	9.45
802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	9.60
	6(2437(MHz)	9.18
	1(2412MHz)	9.45
802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	9.46
	6(2437(MHz)	9.36
	1(2412MHz)	9.56
802.11n-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	9.15
	6(2437MHz)	9.14
	3(2422MHz)	9.03
802.11ax-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	9.66
	6(2437(MHz)	9.66
	1(2412MHz)	9.79
802.11ax-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	9.19
	6(2437MHz)	9.12
	3(2422MHz)	9.08
802.11be-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	9.50
	6(2437(MHz)	9.97
	1(2412MHz)	8.70
802.11be-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	9.34
	6(2437MHz)	9.86
	3(2422MHz)	8.55

The maximum output power for WiFi 2.4G –WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body ANT6

802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	10.60
	6(2437(MHz)	10.29
	1(2412MHz)	10.47
802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	10.52
	6(2437(MHz)	10.51
	1(2412MHz)	10.46
802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	10.41
	6(2437(MHz)	10.47
	1(2412MHz)	10.53
802.11n-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	10.13
	6(2437MHz)	10.10
	3(2422MHz)	10.12
802.11ax-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	10.66
	6(2437(MHz)	10.71
	1(2412MHz)	10.78
802.11ax-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	10.30
	6(2437MHz)	10.32
	3(2422MHz)	10.23
802.11be-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	10.40
	6(2437(MHz)	10.90
	1(2412MHz)	9.74
802.11be-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	10.36
	6(2437MHz)	10.88
	3(2422MHz)	9.58

The maximum output power for WiFi 2.4G –WIFI2.4G Station FCC body ANT8

802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	14.43
	6(2437(MHz)	14.20
	1(2412MHz)	14.42
802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	15.64
	6(2437(MHz)	16.70
	1(2412MHz)	14.95
802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	14.66
	6(2437(MHz)	17.16
	1(2412MHz)	14.08
802.11n-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	14.12
	6(2437MHz)	14.86
	3(2422MHz)	13.75
802.11ax-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	14.79
	6(2437(MHz)	17.33
	1(2412MHz)	14.14
802.11ax-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	14.17
	6(2437MHz)	14.68
	3(2422MHz)	13.44
802.11be-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	14.63
	6(2437(MHz)	17.09
	1(2412MHz)	13.77
802.11be-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	14.28
	6(2437MHz)	14.43
	3(2422MHz)	13.03

The maximum output power for WiFi 2.4G –WIFI2.4G+WIFI5G+BT ANT1 FCC body / WWAN+WIFI2.4G+BT ANT1 Head / WIFI2.4G alone Head / hotspot ANT8

802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	12.51
	6(2437(MHz)	12.20
	1(2412MHz)	12.43
802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	12.67
	6(2437(MHz)	12.37
	1(2412MHz)	12.50
802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	12.72
	6(2437(MHz)	12.42
	1(2412MHz)	12.54
802.11n-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	12.60
	6(2437MHz)	12.20
	3(2422MHz)	11.91
802.11ax-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	12.90
	6(2437(MHz)	12.72
	1(2412MHz)	12.63
802.11ax-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	12.65
	6(2437MHz)	12.21
	3(2422MHz)	11.99
802.11be-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	12.72
	6(2437(MHz)	12.61
	1(2412MHz)	12.32
802.11be-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	12.84
	6(2437MHz)	12.00
	3(2422MHz)	11.51

The maximum output power for WiFi 2.4G –WWAN+WIFI2.4G+BT ANT1 FCC Body ANT8

802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	14.43
	6(2437(MHz)	14.20
	1(2412MHz)	14.42
802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	15.64
	6(2437(MHz)	16.23
	1(2412MHz)	14.95
802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	14.66
	6(2437(MHz)	16.53
	1(2412MHz)	14.08
802.11n-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	14.12
	6(2437MHz)	14.86
	3(2422MHz)	13.75
802.11ax-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	14.81
	6(2437(MHz)	16.68
	1(2412MHz)	14.15
802.11ax-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	14.16
	6(2437MHz)	14.67
	3(2422MHz)	13.43
802.11be-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	14.63
	6(2437(MHz)	16.65
	1(2412MHz)	13.77
802.11be-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	14.28
	6(2437MHz)	14.43
	3(2422MHz)	13.03

**The maximum output power for WiFi 2.4G –WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head /
WIFI2.4G+WIFI5G+BT ANT1 Head ANT8**

802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	9.47
	6(2437(MHz)	9.13
	1(2412MHz)	9.46
802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	9.39
	6(2437(MHz)	9.12
	1(2412MHz)	9.54
802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	9.67
	6(2437(MHz)	9.24
	1(2412MHz)	9.65
802.11n-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	9.47
	6(2437MHz)	9.19
	3(2422MHz)	8.91
802.11ax-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	9.80
	6(2437(MHz)	9.57
	1(2412MHz)	9.80
802.11ax-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	9.48
	6(2437MHz)	9.00
	3(2422MHz)	8.88
802.11be-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	9.59
	6(2437(MHz)	9.46
	1(2412MHz)	9.45
802.11be-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	9.63
	6(2437MHz)	8.92
	3(2422MHz)	8.52

The maximum output power for WiFi 2.4G –WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body ANT8

802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	10.54
	6(2437(MHz)	10.23
	1(2412MHz)	10.53
802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	10.64
	6(2437(MHz)	10.32
	1(2412MHz)	10.63
802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	10.65
	6(2437(MHz)	10.34
	1(2412MHz)	10..6
802.11n-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	10.50
	6(2437MHz)	10.15
	3(2422MHz)	9.82
802.11ax-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	10.86
	6(2437(MHz)	10.62
	1(2412MHz)	10.68
802.11ax-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	10.54
	6(2437MHz)	10.12
	3(2422MHz)	9.84
802.11be-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	10.64
	6(2437(MHz)	10.52
	1(2412MHz)	10.35
802.11be-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	10.75
	6(2437MHz)	9.99
	3(2422MHz)	9.55

WIFI5G Tune up

WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body				WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body			
Mode 11a 20M				Mode 11a 20M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
36	Ant 6	11	15	36	Ant 7	11	15
40	Ant 6	11	15	40	Ant 7	11	15
44-60	Ant 6	11	15	44-60	Ant 7	11	15
64	Ant 6	11	15	64	Ant 7	11	15
100	Ant 6	11	15	100	Ant 7	11	15
104	Ant 6	11	15	104	Ant 7	11	15
108-132	Ant 6	11	15	108-132	Ant 7	11	15
136	Ant 6	11	15	136	Ant 7	11	15
140	Ant 6	11	15	140	Ant 7	11	15
149-165	Ant 6	11	15	149-165	Ant 7	11	15

WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body				WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body			
Mode 11n 20M				Mode 11n 20M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
36	Ant 6	11	15	36	Ant 7	11	15
40	Ant 6	11	15	40	Ant 7	11	15
44-60	Ant 6	11	15	44-60	Ant 7	11	15
64	Ant 6	11	15	64	Ant 7	11	15
100	Ant 6	11	15	100	Ant 7	11	15
104-128	Ant 6	11	15	104-128	Ant 7	11	15
132	Ant 6	11	15	132	Ant 7	11	15
136	Ant 6	11	15	136	Ant 7	11	15
140	Ant 6	11	15	140	Ant 7	11	15
149	Ant 6	11	15	149	Ant 7	11	15
153-165	Ant 6	11	15	153-165	Ant 7	11	15

WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body				WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body			
Mode 11ac 20M				Mode 11ac 20M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
36	Ant 6	10	15	36	Ant 7	10	15
40	Ant 6	10	15	40	Ant 7	10	15
44-60	Ant 6	10	15	44-60	Ant 7	10	15
64	Ant 6	10	15	64	Ant 7	10	15
100	Ant 6	10	15	100	Ant 7	10	15
104-128	Ant 6	10	15	104-128	Ant 7	10	15
132	Ant 6	10	15	132	Ant 7	10	15
136	Ant 6	10	15	136	Ant 7	10	15
140	Ant 6	10	15	140	Ant 7	10	15
149	Ant 6	10	15	149	Ant 7	10	15
153-165	Ant 6	10	15	153-165	Ant 7	10	15

WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body				WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body			
Mode 11ax/11be 20M				Mode 11ax/11be 20M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
36	Ant 6	8.5	15	36	Ant 7	8.5	15
40	Ant 6	8.5	15	40	Ant 7	8.5	15
44-60	Ant 6	8.5	15	44-60	Ant 7	8.5	15
64	Ant 6	8.5	15	64	Ant 7	8.5	15
100	Ant 6	8.5	15	100	Ant 7	8.5	15
104-128	Ant 6	8.5	15	104-128	Ant 7	8.5	15
132	Ant 6	8.5	15	132	Ant 7	8.5	15
136	Ant 6	8.5	15	136	Ant 7	8.5	15
140	Ant 6	8.5	15	140	Ant 7	8.5	15
149	Ant 6	8.5	15	149	Ant 7	8.5	15
153-165	Ant 6	8.5	15	153-165	Ant 7	8.5	15

WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body				WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body			
Mode 11n 40M				Mode 11n 40M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
38	Ant 6	11	15	38	Ant 7	11	15
46-54	Ant 6	11	15	46-54	Ant 7	11	15
62	Ant 6	11	15	62	Ant 7	11	15
102	Ant 6	11	15	102	Ant 7	11	15
110	Ant 6	11	15	110	Ant 7	11	15
118-126	Ant 6	11	15	118-126	Ant 7	11	15
134	Ant 6	11	15	134	Ant 7	11	15
142	Ant 6	11	15	142	Ant 7	11	15
151-159	Ant 6	11	15	151-159	Ant 7	11	15

EUT State	WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body			EUT State	WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body		
Mode	11ac 40M			Mode	11ac 40M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
38	Ant 6	10	15	38	Ant 7	10	15
46-54	Ant 6	10	15	46-54	Ant 7	10	15
62	Ant 6	10	15	62	Ant 7	10	15
102	Ant 6	10	15	102	Ant 7	10	15
110	Ant 6	10	15	110	Ant 7	10	15
118-126	Ant 6	10	15	118-126	Ant 7	10	15
134	Ant 6	10	15	134	Ant 7	10	15
142	Ant 6	10	15	142	Ant 7	10	15
151-159	Ant 6	10	15	151-159	Ant 7	10	15
EUT State	WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body			EUT State	WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body		
Mode	11ax/11be 40M			Mode	11ax/11be 40M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
38	Ant 6	9	15	38	Ant 7	8.5	15
46-54	Ant 6	9	15	46-54	Ant 7	8.5	15
62	Ant 6	9	15	62	Ant 7	8.5	15
102	Ant 6	9	15	102	Ant 7	8.5	15
110	Ant 6	9	15	110	Ant 7	8.5	15
118-126	Ant 6	9	15	118-126	Ant 7	8.5	15
134	Ant 6	9	15	134	Ant 7	8.5	15
142	Ant 6	9	15	142	Ant 7	8.5	15
151-159	Ant 6	9	15	151-159	Ant 7	8.5	15
EUT State	WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body			EUT State	WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body		
Mode	11ac 80M			Mode	11ac 80M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
42	Ant 6	10	15	42	Ant 7	10	15
58	Ant 6	10	14.5	58	Ant 7	10	14.5
106	Ant 6	10	15	106	Ant 7	10	15
122	Ant 6	10	15	122	Ant 7	10	15
138	Ant 6	10	15	138	Ant 7	10	15
155	Ant 6	10	15	155	Ant 7	10	15
EUT State	WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body			EUT State	WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body		
Mode	11ax/11be 80M			Mode	11ax/11be 80M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
42	Ant 6	8.5	15	42	Ant 7	8.5	15
58	Ant 6	8.5	14.5	58	Ant 7	8.5	14.5
106	Ant 6	8.5	15	106	Ant 7	8.5	15
122	Ant 6	8.5	15	122	Ant 7	8.5	15
138	Ant 6	8.5	15	138	Ant 7	8.5	15
155	Ant 6	8.5	15	155	Ant 7	8.5	15
EUT State	WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body			EUT State	WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body		
Mode	11ac 160M			Mode	11ac 160M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
50	Ant 6	10	14	50	Ant 7	10	14
114	Ant 6	10	15	114	Ant 7	10	15
EUT State	WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body			EUT State	WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body		
Mode	11ax/11be 160M			Mode	11ax/11be 160M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
50	Ant 6	8.5	14	50	Ant 7	8.5	14
114	Ant 6	8.5	15	114	Ant 7	8.5	15

EUT State		WWAN+WIFI5G+BT Head/WIFI5G alone Head			EUT State		WWAN+WIFI5G+BT Head/WIFI5G alone		
Mode		11a 20M			Mode		11a 20M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant
36	Ant 6	5	9	36	Ant 7	5	9	36	Ant 7
40	Ant 6	5	9	40	Ant 7	5	9	40	Ant 7
44-60	Ant 6	5	9	44-60	Ant 7	5	9	44-60	Ant 7
64	Ant 6	5	9	64	Ant 7	5	9	64	Ant 7
100	Ant 6	5	9	100	Ant 7	5	9	100	Ant 7
104	Ant 6	5	9	104	Ant 7	5	9	104	Ant 7
108-132	Ant 6	5	9	108-132	Ant 7	5	9	108-132	Ant 7
136	Ant 6	5	9	136	Ant 7	5	9	136	Ant 7
140	Ant 6	5	9	140	Ant 7	5	9	140	Ant 7
149-165	Ant 6	5	9	149-165	Ant 7	5	9	149-165	Ant 7
EUT State		WWAN+WIFI5G+BT Head/WIFI5G alone Head			EUT State		WWAN+WIFI5G+BT Head/WIFI5G alone		
Mode		11n 20M			Mode		11n 20M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant
36	Ant 6	5	9	36	Ant 7	5	9	36	Ant 7
40	Ant 6	5	9	40	Ant 7	5	9	40	Ant 7
44-60	Ant 6	5	9	44-60	Ant 7	5	9	44-60	Ant 7
64	Ant 6	5	9	64	Ant 7	5	9	64	Ant 7
100	Ant 6	5	9	100	Ant 7	5	9	100	Ant 7
104-128	Ant 6	5	9	104-128	Ant 7	5	9	104-128	Ant 7
132	Ant 6	5	9	132	Ant 7	5	9	132	Ant 7
136	Ant 6	5	9	136	Ant 7	5	9	136	Ant 7
140	Ant 6	5	9	140	Ant 7	5	9	140	Ant 7
149	Ant 6	5	9	149	Ant 7	5	9	149	Ant 7
153-165	Ant 6	5	9	153-165	Ant 7	5	9	153-165	Ant 7
EUT State		WWAN+WIFI5G+BT Head/WIFI5G alone Head			EUT State		WWAN+WIFI5G+BT Head/WIFI5G alone		
Mode		11ac 20M			Mode		11ac 20M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant
36	Ant 6	5	9	36	Ant 7	5	9	36	Ant 7
40	Ant 6	5	9	40	Ant 7	5	9	40	Ant 7
44-60	Ant 6	5	9	44-60	Ant 7	5	9	44-60	Ant 7
64	Ant 6	5	9	64	Ant 7	5	9	64	Ant 7
100	Ant 6	5	9	100	Ant 7	5	9	100	Ant 7
104-128	Ant 6	5	9	104-128	Ant 7	5	9	104-128	Ant 7
132	Ant 6	5	9	132	Ant 7	5	9	132	Ant 7
136	Ant 6	5	9	136	Ant 7	5	9	136	Ant 7
140	Ant 6	5	9	140	Ant 7	5	9	140	Ant 7
149	Ant 6	5	9	149	Ant 7	5	9	149	Ant 7
153-165	Ant 6	5	9	153-165	Ant 7	5	9	153-165	Ant 7
EUT State		WWAN+WIFI5G+BT Head/WIFI5G alone Head			EUT State		WWAN+WIFI5G+BT Head/WIFI5G alone		
Mode		11ax/11be 20M			Mode		11ax/11be 20M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant
36	Ant 6	5	9	36	Ant 7	5	9	36	Ant 7
40	Ant 6	5	9	40	Ant 7	5	9	40	Ant 7
44-60	Ant 6	5	9	44-60	Ant 7	5	9	44-60	Ant 7
64	Ant 6	5	9	64	Ant 7	5	9	64	Ant 7
100	Ant 6	5	9	100	Ant 7	5	9	100	Ant 7
104-128	Ant 6	5	9	104-128	Ant 7	5	9	104-128	Ant 7
132	Ant 6	5	9	132	Ant 7	5	9	132	Ant 7
136	Ant 6	5	9	136	Ant 7	5	9	136	Ant 7
140	Ant 6	5	9	140	Ant 7	5	9	140	Ant 7
149	Ant 6	5	9	149	Ant 7	5	9	149	Ant 7
153-165	Ant 6	5	9	153-165	Ant 7	5	9	153-165	Ant 7
EUT State		WWAN+WIFI5G+BT Head/WIFI5G alone Head			EUT State		WWAN+WIFI5G+BT Head/WIFI5G alone		
Mode		11n 40M			Mode		11n 40M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant
38	Ant 6	5	9	38	Ant 7	5	9	38	Ant 7
46-54	Ant 6	5	9	46-54	Ant 7	5	9	46-54	Ant 7
62	Ant 6	5	9	62	Ant 7	5	9	62	Ant 7
102	Ant 6	5	9	102	Ant 7	5	9	102	Ant 7
110	Ant 6	5	9	110	Ant 7	5	9	110	Ant 7
118-126	Ant 6	5	9	118-126	Ant 7	5	9	118-126	Ant 7
134	Ant 6	5	9	134	Ant 7	5	9	134	Ant 7
142	Ant 6	5	9	142	Ant 7	5	9	142	Ant 7
151-159	Ant 6	5	9	151-159	Ant 7	5	9	151-159	Ant 7

EUT State	WWAN+WIFI5G+BT Head/WIFI5G alone Head			EUT State	WWAN+WIFI5G+BT Head/WIFI5G alone		
Mode	11ac 40M			Mode	11ac 40M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
38	Ant 6	5	9	38	Ant 7	5	9
46-54	Ant 6	5	9	46-54	Ant 7	5	9
62	Ant 6	5	9	62	Ant 7	5	9
102	Ant 6	5	9	102	Ant 7	5	9
110	Ant 6	5	9	110	Ant 7	5	9
118-126	Ant 6	5	9	118-126	Ant 7	5	9
134	Ant 6	5	9	134	Ant 7	5	9
142	Ant 6	5	9	142	Ant 7	5	9
151-159	Ant 6	5	9	151-159	Ant 7	5	9
EUT State	WWAN+WIFI5G+BT Head/WIFI5G alone Head			EUT State	WWAN+WIFI5G+BT Head/WIFI5G alone		
Mode	11ax/11be 40M			Mode	11ax/11be 40M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
38	Ant 6	5	9	38	Ant 7	5	9
46-54	Ant 6	5	9	46-54	Ant 7	5	9
62	Ant 6	5	9	62	Ant 7	5	9
102	Ant 6	5	9	102	Ant 7	5	9
110	Ant 6	5	9	110	Ant 7	5	9
118-126	Ant 6	5	9	118-126	Ant 7	5	9
134	Ant 6	5	9	134	Ant 7	5	9
142	Ant 6	5	9	142	Ant 7	5	9
151-159	Ant 6	5	9	151-159	Ant 7	5	9
EUT State	WWAN+WIFI5G+BT Head/WIFI5G alone Head			EUT State	WWAN+WIFI5G+BT Head/WIFI5G alone		
Mode	11ac 80M			Mode	11ac 80M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
42	Ant 6	5	9	42	Ant 7	5	9
58	Ant 6	5	9	58	Ant 7	5	9
106	Ant 6	5	9	106	Ant 7	5	9
122	Ant 6	5	9	122	Ant 7	5	9
138	Ant 6	5	9	138	Ant 7	5	9
155	Ant 6	5	9	155	Ant 7	5	9
EUT State	WWAN+WIFI5G+BT Head/WIFI5G alone Head			EUT State	WWAN+WIFI5G+BT Head/WIFI5G alone		
Mode	11ax/11be 80M			Mode	11ax/11be 80M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
42	Ant 6	5	9	42	Ant 7	5	9
58	Ant 6	5	9	58	Ant 7	5	9
106	Ant 6	5	9	106	Ant 7	5	9
122	Ant 6	5	9	122	Ant 7	5	9
138	Ant 6	5	9	138	Ant 7	5	9
155	Ant 6	5	9	155	Ant 7	5	9
EUT State	WWAN+WIFI5G+BT Head/WIFI5G alone Head			EUT State	WWAN+WIFI5G+BT Head/WIFI5G alone		
Mode	11ac 160M			Mode	11ac 160M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
50	Ant 6	5	9	50	Ant 7	5	9
114	Ant 6	5	9	114	Ant 7	5	9
EUT State	WWAN+WIFI5G+BT Head/WIFI5G alone Head			EUT State	WWAN+WIFI5G+BT Head/WIFI5G alone		
Mode	11ax/11be 160M			Mode	11ax/11be 160M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
50	Ant 6	5	9	50	Ant 7	5	9
114	Ant 6	5	9	114	Ant 7	5	9

EUT State				EUT State			
WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body				WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC			
Mode				Mode			
11a 20M				11a 20M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
36	Ant 6	9	13	36	Ant 7	9	13
40	Ant 6	9	13	40	Ant 7	9	13
44-60	Ant 6	9	13	44-60	Ant 7	9	13
64	Ant 6	9	13	64	Ant 7	9	13
100	Ant 6	9	13	100	Ant 7	9	13
104	Ant 6	9	13	104	Ant 7	9	13
108-132	Ant 6	9	13	108-132	Ant 7	9	13
136	Ant 6	9	13	136	Ant 7	9	13
140	Ant 6	9	13	140	Ant 7	9	13
149-165	Ant 6	9	13	149-165	Ant 7	9	13
EUT State				EUT State			
WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body				WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC			
Mode				Mode			
11n 20M				11n 20M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
36	Ant 6	9	13	36	Ant 7	9	13
40	Ant 6	9	13	40	Ant 7	9	13
44-60	Ant 6	9	13	44-60	Ant 7	9	13
64	Ant 6	9	13	64	Ant 7	9	13
100	Ant 6	9	13	100	Ant 7	9	13
104-128	Ant 6	9	13	104-128	Ant 7	9	13
132	Ant 6	9	13	132	Ant 7	9	13
136	Ant 6	9	13	136	Ant 7	9	13
140	Ant 6	9	13	140	Ant 7	9	13
149	Ant 6	9	13	149	Ant 7	9	13
153-165	Ant 6	9	13	153-165	Ant 7	9	13
EUT State				EUT State			
WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body				WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC			
Mode				Mode			
11ac 20M				11ac 20M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
36	Ant 6	9	13	36	Ant 7	9	13
40	Ant 6	9	13	40	Ant 7	9	13
44-60	Ant 6	9	13	44-60	Ant 7	9	13
64	Ant 6	9	13	64	Ant 7	9	13
100	Ant 6	9	13	100	Ant 7	9	13
104-128	Ant 6	9	13	104-128	Ant 7	9	13
132	Ant 6	9	13	132	Ant 7	9	13
136	Ant 6	9	13	136	Ant 7	9	13
140	Ant 6	9	13	140	Ant 7	9	13
149	Ant 6	9	13	149	Ant 7	9	13
153-165	Ant 6	9	13	153-165	Ant 7	9	13
EUT State				EUT State			
WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body				WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC			
Mode				Mode			
11ax/11be 20M				11ax/11be 20M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
36	Ant 6	8.5	13	36	Ant 7	8.5	13
40	Ant 6	8.5	13	40	Ant 7	8.5	13
44-60	Ant 6	8.5	13	44-60	Ant 7	8.5	13
64	Ant 6	8.5	13	64	Ant 7	8.5	13
100	Ant 6	8.5	13	100	Ant 7	8.5	13
104-128	Ant 6	8.5	13	104-128	Ant 7	8.5	13
132	Ant 6	8.5	13	132	Ant 7	8.5	13
136	Ant 6	8.5	13	136	Ant 7	8.5	13
140	Ant 6	8.5	13	140	Ant 7	8.5	13
149	Ant 6	8.5	13	149	Ant 7	8.5	13
153-165	Ant 6	8.5	13	153-165	Ant 7	8.5	13
EUT State				EUT State			
WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body				WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC			
Mode				Mode			
11n 40M				11n 40M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
38	Ant 6	9	13	38	Ant 7	9	13
46-54	Ant 6	9	13	46-54	Ant 7	9	13
62	Ant 6	9	13	62	Ant 7	9	13
102	Ant 6	9	13	102	Ant 7	9	13
110	Ant 6	9	13	110	Ant 7	9	13
118-126	Ant 6	9	13	118-126	Ant 7	9	13
134	Ant 6	9	13	134	Ant 7	9	13
142	Ant 6	9	13	142	Ant 7	9	13
151-159	Ant 6	9	13	151-159	Ant 7	9	13

EUT State	WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body			EUT State	WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC		
Mode	11ac 40M			Mode	11ac 40M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
38	Ant 6	9	13	38	Ant 7	9	13
46-54	Ant 6	9	13	46-54	Ant 7	9	13
62	Ant 6	9	13	62	Ant 7	9	13
102	Ant 6	9	13	102	Ant 7	9	13
110	Ant 6	9	13	110	Ant 7	9	13
118-126	Ant 6	9	13	118-126	Ant 7	9	13
134	Ant 6	9	13	134	Ant 7	9	13
142	Ant 6	9	13	142	Ant 7	9	13
151-159	Ant 6	9	13	151-159	Ant 7	9	13
EUT State	WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body			EUT State	WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC		
Mode	11ax/11be 40M			Mode	11ax/11be 40M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
38	Ant 6	9	13	38	Ant 7	8.5	13
46-54	Ant 6	9	13	46-54	Ant 7	8.5	13
62	Ant 6	9	13	62	Ant 7	8.5	13
102	Ant 6	9	13	102	Ant 7	8.5	13
110	Ant 6	9	13	110	Ant 7	8.5	13
118-126	Ant 6	9	13	118-126	Ant 7	8.5	13
134	Ant 6	9	13	134	Ant 7	8.5	13
142	Ant 6	9	13	142	Ant 7	8.5	13
151-159	Ant 6	9	13	151-159	Ant 7	8.5	13
EUT State	WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body			EUT State	WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC		
Mode	11ac 80M			Mode	11ac 80M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
42	Ant 6	9	13	42	Ant 7	9	13
58	Ant 6	9	13	58	Ant 7	9	13
106	Ant 6	9	13	106	Ant 7	9	13
122	Ant 6	9	13	122	Ant 7	9	13
138	Ant 6	9	13	138	Ant 7	9	13
155	Ant 6	9	13	155	Ant 7	9	13
EUT State	WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body			EUT State	WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC		
Mode	11ax/11be 80M			Mode	11ax/11be 80M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
42	Ant 6	8.5	13	42	Ant 7	8.5	13
58	Ant 6	8.5	13	58	Ant 7	8.5	13
106	Ant 6	8.5	13	106	Ant 7	8.5	13
122	Ant 6	8.5	13	122	Ant 7	8.5	13
138	Ant 6	8.5	13	138	Ant 7	8.5	13
155	Ant 6	8.5	13	155	Ant 7	8.5	13
EUT State	WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body			EUT State	WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC		
Mode	11ac 160M			Mode	11ac 160M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
50	Ant 6	9	13	50	Ant 7	9	13
114	Ant 6	9	13	114	Ant 7	9	13
EUT State	WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC Body			EUT State	WWAN+WIFI5G+BT FCC Body/ WWAN+WIFI2.4G+WIFI5G+BT ANT1 FCC		
Mode	11ax/11be 160M			Mode	11ax/11be 160M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
50	Ant 6	8.5	13	50	Ant 7	8.5	13
114	Ant 6	8.5	13	114	Ant 7	8.5	13

EUT State				EUT State			
WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head				WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head			
Mode				Mode			
11a 20M				11a 20M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
36	Ant 6	6	10	36	Ant 7	6	10
40	Ant 6	6	10	40	Ant 7	6	10
44-60	Ant 6	6	10	44-60	Ant 7	6	10
64	Ant 6	6	10	64	Ant 7	6	10
100	Ant 6	6	10	100	Ant 7	6	10
104	Ant 6	6	10	104	Ant 7	6	10
108-132	Ant 6	6	10	108-132	Ant 7	6	10
136	Ant 6	6	10	136	Ant 7	6	10
140	Ant 6	6	10	140	Ant 7	6	10
149-165	Ant 6	6	10	149-165	Ant 7	6	10
EUT State				EUT State			
WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head				WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head			
Mode				Mode			
11n 20M				11n 20M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
36	Ant 6	6	10	36	Ant 7	6	10
40	Ant 6	6	10	40	Ant 7	6	10
44-60	Ant 6	6	10	44-60	Ant 7	6	10
64	Ant 6	6	10	64	Ant 7	6	10
100	Ant 6	6	10	100	Ant 7	6	10
104-128	Ant 6	6	10	104-128	Ant 7	6	10
132	Ant 6	6	10	132	Ant 7	6	10
136	Ant 6	6	10	136	Ant 7	6	10
140	Ant 6	6	10	140	Ant 7	6	10
149	Ant 6	6	10	149	Ant 7	6	10
153-165	Ant 6	6	10	153-165	Ant 7	6	10
EUT State				EUT State			
WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head				WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head			
Mode				Mode			
11ac 20M				11ac 20M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
36	Ant 6	6	10	36	Ant 7	6	10
40	Ant 6	6	10	40	Ant 7	6	10
44-60	Ant 6	6	10	44-60	Ant 7	6	10
64	Ant 6	6	10	64	Ant 7	6	10
100	Ant 6	6	10	100	Ant 7	6	10
104-128	Ant 6	6	10	104-128	Ant 7	6	10
132	Ant 6	6	10	132	Ant 7	6	10
136	Ant 6	6	10	136	Ant 7	6	10
140	Ant 6	6	10	140	Ant 7	6	10
149	Ant 6	6	10	149	Ant 7	6	10
153-165	Ant 6	6	10	153-165	Ant 7	6	10
EUT State				EUT State			
WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head				WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head			
Mode				Mode			
11ax/11be 20M				11ax/11be 20M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
36	Ant 6	6	10	36	Ant 7	6	10
40	Ant 6	6	10	40	Ant 7	6	10
44-60	Ant 6	6	10	44-60	Ant 7	6	10
64	Ant 6	6	10	64	Ant 7	6	10
100	Ant 6	6	10	100	Ant 7	6	10
104-128	Ant 6	6	10	104-128	Ant 7	6	10
132	Ant 6	6	10	132	Ant 7	6	10
136	Ant 6	6	10	136	Ant 7	6	10
140	Ant 6	6	10	140	Ant 7	6	10
149	Ant 6	6	10	149	Ant 7	6	10
153-165	Ant 6	6	10	153-165	Ant 7	6	10
EUT State				EUT State			
WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head				WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head			
Mode				Mode			
11n 40M				11n 40M			
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
38	Ant 6	6	10	38	Ant 7	6	10
46-54	Ant 6	6	10	46-54	Ant 7	6	10
62	Ant 6	6	10	62	Ant 7	6	10
102	Ant 6	6	10	102	Ant 7	6	10
110	Ant 6	6	10	110	Ant 7	6	10
118-126	Ant 6	6	10	118-126	Ant 7	6	10
134	Ant 6	6	10	134	Ant 7	6	10
142	Ant 6	6	10	142	Ant 7	6	10
151-159	Ant 6	6	10	151-159	Ant 7	6	10

EUT State	WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head			EUT State	WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head		
Mode	11ac 40M			Mode	11ac 40M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
38	Ant 6	6	10	38	Ant 7	6	10
46-54	Ant 6	6	10	46-54	Ant 7	6	10
62	Ant 6	6	10	62	Ant 7	6	10
102	Ant 6	6	10	102	Ant 7	6	10
110	Ant 6	6	10	110	Ant 7	6	10
118-126	Ant 6	6	10	118-126	Ant 7	6	10
134	Ant 6	6	10	134	Ant 7	6	10
142	Ant 6	6	10	142	Ant 7	6	10
151-159	Ant 6	6	10	151-159	Ant 7	6	10
EUT State	WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head			EUT State	WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head		
Mode	11ax/11be 40M			Mode	11ax/11be 40M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
38	Ant 6	6	10	38	Ant 7	6	10
46-54	Ant 6	6	10	46-54	Ant 7	6	10
62	Ant 6	6	10	62	Ant 7	6	10
102	Ant 6	6	10	102	Ant 7	6	10
110	Ant 6	6	10	110	Ant 7	6	10
118-126	Ant 6	6	10	118-126	Ant 7	6	10
134	Ant 6	6	10	134	Ant 7	6	10
142	Ant 6	6	10	142	Ant 7	6	10
151-159	Ant 6	6	10	151-159	Ant 7	6	10
EUT State	WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head			EUT State	WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head		
Mode	11ac 80M			Mode	11ac 80M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
42	Ant 6	6	10	42	Ant 7	6	10
58	Ant 6	6	10	58	Ant 7	6	10
106	Ant 6	6	10	106	Ant 7	6	10
122	Ant 6	6	10	122	Ant 7	6	10
138	Ant 6	6	10	138	Ant 7	6	10
155	Ant 6	6	10	155	Ant 7	6	10
EUT State	WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head			EUT State	WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head		
Mode	11ax/11be 80M			Mode	11ax/11be 80M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
42	Ant 6	6	10	42	Ant 7	6	10
58	Ant 6	6	10	58	Ant 7	6	10
106	Ant 6	6	10	106	Ant 7	6	10
122	Ant 6	6	10	122	Ant 7	6	10
138	Ant 6	6	10	138	Ant 7	6	10
155	Ant 6	6	10	155	Ant 7	6	10
EUT State	WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head			EUT State	WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head		
Mode	11ac 160M			Mode	11ac 160M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
50	Ant 6	6	10	50	Ant 7	6	10
114	Ant 6	6	10	114	Ant 7	6	10
EUT State	WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head			EUT State	WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/ WIFI2.4G+WIFI5G+BT ANT1 Head		
Mode	11ax/11be 160M			Mode	11ax/11be 160M		
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
50	Ant 6	6	10	50	Ant 7	6	10
114	Ant 6	6	10	114	Ant 7	6	10

EUT State		Hotspot		EUT State		Hotspot	
Mode		11ac 40M		Mode		11ac 40M	
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
38	Ant 6	8	12	38	Ant 7	8	12
46-54	Ant 6	8	12	46-54	Ant 7	8	12
62	Ant 6	8	12	62	Ant 7	8	12
102	Ant 6	8	12	102	Ant 7	8	12
110	Ant 6	8	12	110	Ant 7	8	12
118-126	Ant 6	8	12	118-126	Ant 7	8	12
134	Ant 6	8	12	134	Ant 7	8	12
142	Ant 6	8	12	142	Ant 7	8	12
151-159	Ant 6	8	12	151-159	Ant 7	8	12
EUT State		Hotspot		EUT State		Hotspot	
Mode		11ax/11be 40M		Mode		11ax/11be 40M	
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
38	Ant 6	8	12	38	Ant 7	8	12
46-54	Ant 6	8	12	46-54	Ant 7	8	12
62	Ant 6	8	12	62	Ant 7	8	12
102	Ant 6	8	12	102	Ant 7	8	12
110	Ant 6	8	12	110	Ant 7	8	12
118-126	Ant 6	8	12	118-126	Ant 7	8	12
134	Ant 6	8	12	134	Ant 7	8	12
142	Ant 6	8	12	142	Ant 7	8	12
151-159	Ant 6	8	12	151-159	Ant 7	8	12
EUT State		Hotspot		EUT State		Hotspot	
Mode		11ac 80M		Mode		11ac 80M	
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
42	Ant 6	8	12	42	Ant 7	8	12
58	Ant 6	8	12	58	Ant 7	8	12
106	Ant 6	8	12	106	Ant 7	8	12
122	Ant 6	8	12	122	Ant 7	8	12
138	Ant 6	8	12	138	Ant 7	8	12
155	Ant 6	8	12	155	Ant 7	8	12
EUT State		Hotspot		EUT State		Hotspot	
Mode		11ax/11be 80M		Mode		11ax/11be 80M	
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
42	Ant 6	8	12	42	Ant 7	8	12
58	Ant 6	8	12	58	Ant 7	8	12
106	Ant 6	8	12	106	Ant 7	8	12
122	Ant 6	8	12	122	Ant 7	8	12
138	Ant 6	8	12	138	Ant 7	8	12
155	Ant 6	8	12	155	Ant 7	8	12
EUT State		Hotspot		EUT State		Hotspot	
Mode		11ac 160M		Mode		11ac 160M	
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
50	Ant 6	8	12	50	Ant 7	8	12
114	Ant 6	8	12	114	Ant 7	8	12
EUT State		Hotspot		EUT State		Hotspot	
Mode		11ax/11be 160M		Mode		11ax/11be 160M	
Channel	Ant	Min(dBm)	Max(dBm)	Channel	Ant	Min(dBm)	Max(dBm)
50	Ant 6	8	12	50	Ant 7	8	12
114	Ant 6	8	12	114	Ant 7	8	12

The maximum output power for WiFi 5G –WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body
ANT6

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
54(5270 MHz)	13.27
62(5310 MHz)	13.05
802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	13.04
155(5775 MHz)	13.18
802.11ac(dBm)-160MHz	
Channel\data rate	MCS0
114(5570 MHz)	13.22

The maximum output power for WiFi 5G –WWAN+WIFI5G+BT FCC Body/WWAN+WIFI2.4G+WIFI5G+BT
ANT1 FCC Body ANT6

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	11.09
155(5775 MHz)	11.07
802.11ac(dBm)-160MHz	
Channel\data rate	MCS0
50(5250 MHz)	11.10
114(5570 MHz)	11.17

The maximum output power for WiFi 5G –WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/WIFI2.4G+WIFI5G+BT
ANT1 Head / WWAN+WIFI5G+BT Head/WIFI5G alone Head ANT6

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	8.51
155(5775 MHz)	8.03
802.11ac(dBm)-160MHz	
Channel\data rate	MCS0
50(5250 MHz)	8.88
114(5570 MHz)	8.11

The maximum output power for WiFi 5G –Hotspot ANT6

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	10.01
155(5775 MHz)	10.00
802.11ac(dBm)-160MHz	
Channel\data rate	MCS0
50(5250 MHz)	10.06
114(5570 MHz)	10.21

The maximum output power for WiFi 5G –WIFI5G Station FCC body/ WIFI2.4G+WIFI5G+BT ANT1 FCC body

ANT7

802.11n(dBm)-40MHz	
Channel\data rate	MCS0
54(5270 MHz)	13.21
62(5310 MHz)	13.15
802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	13.08
155(5775 MHz)	13.03
802.11ac(dBm)-160MHz	
Channel\data rate	MCS0
114(5570 MHz)	13.06

The maximum output power for WiFi 5G –WWAN+WIFI5G+BT FCC Body/WWAN+WIFI2.4G+WIFI5G+BT

ANT1 FCC Body ANT7

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	11.04
155(5775 MHz)	11.02
802.11ac(dBm)-160MHz	
Channel\data rate	MCS0
50(5250 MHz)	11.13
114(5570 MHz)	11.07

The maximum output power for WiFi 5G –WWAN+WIFI2.4G+WIFI5G+BT ANT1 Head/WIFI2.4G+WIFI5G+BT

ANT1 Head / WWAN+WIFI5G+BT Head/WIFI5G alone Head ANT7

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	8.01
155(5775 MHz)	8.09
802.11ac(dBm)-160MHz	
Channel\data rate	MCS0
50(5250 MHz)	8.18
114(5570 MHz)	8.03

The maximum output power for WiFi 5G –Hotspot ANT7

802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	10.02
155(5775 MHz)	10.01
802.11ac(dBm)-160MHz	
Channel\data rate	MCS0
50(5250 MHz)	10.13
114(5570 MHz)	10.05

13 Simultaneous TX SAR Considerations

13.1 Transmit Antenna Separation Distances

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

Appendix to test report No.I22Z62197-SEM01

The photos of SAR test

13.2 SAR Measurement Positions

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

Antenna/Sensor-to- DUT sides separation distances						
Mode	Front	Rear	Left edge	Right edge	Top edge	Bottom edge
Ant.0	0mm	0mm	45.8mm	0mm	163mm	0mm
Ant.1	0mm	0mm	5.8mm	0mm	163mm	0mm
Ant.2	0mm	0mm	0mm	76.7mm	34.6mm	105.8mm
Ant.3	0mm	0mm	0mm	76.7mm	6.4mm	121.0mm
Ant.4	0mm	0mm	7.0mm	47.7mm	0mm	163mm
Ant.5	0mm	0mm	28.2mm	22.3mm	0mm	163mm
Ant.6	0mm	0mm	51.9mm	7.8mm	0mm	163mm
Ant.7	0mm	0mm	76.7mm	0mm	11.9mm	139.3mm
Ant.8	0mm	0mm	76.7mm	0mm	15.8mm	125.3mm
Ant.9	0mm	0mm	76.7mm	0mm	43.7mm	46.6mm
Ant.11	7.7mm	0.02mm	57.7mm	4.4mm	5.8mm	153.2mm
Ant.12	7.7mm	0.02mm	56.9mm	7.0mm	11.3mm	143.6mm

14 Evaluation of Simultaneous

Test Position	SAR 1g (W/kg)	ANT0	ANT3	ANT4	ANT1	ANT0	ANT3	ANT4	ANT1	ANT4	ANT1	ANT4	ANT1	ANT4	ANT1	ANT2	ANT8	ANT0	ANT3	ANT4	ANT1	ANT2	ANT8	MAX. SAR 1g
		GSM850	GSM850	GSM1900	GSM1900	WCDMA850	WCDMA850	WCDMA1700	WCDMA1700	WCDMA1900	WCDMA1900	LTE B2	LTE B2	LTE B4	LTE B4	LTE B4	LTE B4	LTE B5	LTE B5	LTE B7	LTE B7	LTE B7	LTE B7	
Head	Left Cheek	0.087	0.457	0.245	0.098	0.152	0.470	0.377	0.179	0.372	0.153	0.300	0.236	0.255	0.243	0.189	0.014	0.136	0.377	0.251	0.124	0.013	0.456	0.470
	Left Tilt	0.071	0.333	0.377	0.059	0.087	0.310	0.152	0.042	0.132	0.031	0.043	0.134	0.345	0.103	0.130	0.178	0.277	0.308	0.046	0.119	0.194	0.377	0.470
	Right Cheek	0.108	0.899	0.664	0.076	0.171	0.931	0.762	0.090	0.883	0.054	0.674	0.157	0.369	0.185	0.516	0.162	0.164	0.813	0.619	0.063	0.785	0.430	0.961
	Right Tilt	0.078	0.068	0.380	0.044	0.091	0.679	0.310	0.042	0.081	0.022	0.063	0.089	0.071	0.099	0.244	0.049	0.086	0.383	0.085	0.042	0.283	0.062	0.081
Body 10cm	Front	<0.001	0.042	0.058	0.079	0.200	0.082	0.061	0.114	0.048	0.125	0.044	0.126	0.038	0.143	0.065	0.044	0.059	<0.001	0.044	0.074	0.049	0.050	0.200
	Rear	0.059	0.052	0.055	0.099	0.245	0.077	0.054	0.126	0.042	0.143	0.042	0.181	0.051	0.207	0.061	0.046	0.069	<0.001	0.040	0.102	0.043	0.044	0.245
	Left	<0.001	0.067	0.044	0.028	/	0.122	0.049	0.063	0.023	0.063	0.038	0.067	0.039	0.056	0.159	/	0.009	0.041	0.048	0.048	/	0.158	0.067
	Right	/	/	0.028	0.208	/	/	/	0.054	/	0.051	/	0.047	/	/	/	/	0.088	0.070	/	/	/	0.051	0.208
Body 15cm	Top	<0.001	/	/	0.162	0.057	/	/	0.247	/	/	0.289	/	/	0.273	/	0.255	/	/	/	0.172	/	0.289	
	Front	0.109	0.159	0.141	0.127	0.129	0.292	0.301	0.229	0.141	0.229	0.335	0.292	0.305	0.183	0.249	0.239	0.133	0.128	0.118	0.188	0.123	0.188	
	Rear	0.136	0.091	0.125	0.145	0.136	0.222	0.263	0.326	0.274	0.371	0.397	0.407	0.148	0.330	0.252	0.135	0.172	0.093	0.111	0.278	0.116	0.100	
	Bottom	/	/	/	/	/	/	/	/	2.754	/	/	2.731	/	/	/	/	/	/	/	/	/	2.756	

Test Position	SAR 1g (W/kg)	SAR (Volume Transmission)														MAX. SAR 1g								
		FRAN	RF12-60ANT0 (FRAN-2-40-50-6 + ANT1)	RF12-60ANT3 (FRAN-2-40-50-6 + ANT3)	RF12-60ANT4 (FRAN-2-40-50-6 + ANT4)	RF12-60ANT1 (FRAN-2-40-50-6 + ANT1)	RF12-60ANT0 (FRAN-2-40-50-6 + ANT0)	RF12-60ANT3 (FRAN-2-40-50-6 + ANT3)	RF12-60ANT4 (FRAN-2-40-50-6 + ANT4)	RF12-60ANT1 (FRAN-2-40-50-6 + ANT1)	RF12-60ANT0 (FRAN-2-40-50-6 + ANT0)	RF ANT8	RF ANT8	RF ANT1	RF ANT1		RF ANT2	RF ANT8	RF ANT0	RF ANT3	RF ANT4	RF ANT1	RF ANT2	RF ANT8
Head	Left Cheek	0.410	0.441	0.411	0.480	0.411	0.441	0.480	0.411	0.441	0.480	0.411	0.441	0.480	0.411	0.441	0.480	0.411	0.441	0.480	0.411	0.441	0.480	0.410
	Left Tilt	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399
	Right Cheek	0.981	0.979	0.982	0.980	0.981	0.979	0.982	0.980	0.981	0.979	0.982	0.980	0.981	0.979	0.982	0.980	0.981	0.979	0.982	0.980	0.981	0.979	0.981
	Right Tilt	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399
Body 10cm	Front	0.085	0.044	0.052	0.043	0.041	0.044	0.052	0.043	0.041	0.044	0.052	0.043	0.041	0.044	0.052	0.043	0.041	0.044	0.052	0.043	0.041	0.044	0.085
	Rear	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059
	Left	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059
	Right	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059
Body 15cm	Top	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289	0.289
	Front	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481
	Rear	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481
	Bottom	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756	2.756

Test Position	SAR 1g (W/kg)	ANT0	ANT3	ANT0	ANT3	ANT0	ANT3	ANT0	ANT3	ANT0	ANT3	ANT0	ANT3	ANT0	ANT3	ANT0	ANT3	ANT0	ANT3	ANT0	ANT3	ANT0	ANT3	ANT0	ANT3	MAX. SAR 1g		
		LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12	LTE B12			
Head	Left Cheek	0.082	0.308	0.141	0.143	0.141	0.305	0.102	0.185	0.140	0.325	0.286	0.130	0.001	0.263	0.263	0.157	0.429	0.250	0.339	0.062	0.138	0.301	0.355	0.249	0.041	0.018	0.429
	Left Tilt	0.065	0.230	0.095	0.111	0.078	0.199	0.049	0.051	0.101	0.241	0.000	0.079	0.148	0.105	0.386	0.047	0.139	0.241	0.001	0.028	0.150	0.055	0.149	0.181	0.145	0.145	0.386
	Right Cheek	0.119	0.874	0.668	0.076	0.155	0.997	0.742	0.074	0.214	0.641	0.569	0.079	0.692	0.067	0.491	0.070	0.530	0.088	0.560	0.026	0.086	0.082	0.176	0.172	0.708	0.112	0.776
	Right Tilt	0.078	0.143	0.109	0.243	0.084	0.043	0.000	0.042	0.142	0.157	0.172	0.068	0.269	0.037	0.617	0.031	0.349	0.046	0.745	0.045	0.334	0.059	0.882	0.101	0.341	0.059	1.000
Body 10cm	Front	<0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	Rear	<0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	Left	<0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	Right	<0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Body 15cm	Top	<0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	Front	0.148	0.104	0.161	0.182	0.180	0.193	0.203	0.286	0.131	0.192	0.121	0.150	0.097	0.062	0.132	0.149	0.097	0.046	0.039	0.152	0.068	0.059	0.184	0.285	0.242	0.117	0.285
	Rear	0.168	0.158	0.182	0.130	0.211	0.160	0.102	0.115	0.160	0.090	0.096	0.096	0.212	0.088	0.072	0.099	0.198	0.085	0.061	0.180	0.247	0.103	0.059	0.181	0.300	0.123	0.415
	Bottom	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Test Position	SAR 1g (W/kg)	SAR (Volume Transmission)														MAX. SAR 1g								
		FRAN	RF12-60ANT0 (FRAN-2-40-50-6 + ANT1)	RF12-60ANT3 (FRAN-2-40-50-6 + ANT3)	RF12-60ANT4 (FRAN-2-40-50-6 + ANT4)	RF12-60ANT1 (FRAN-2-40-50-6 + ANT1)	RF12-60ANT0 (FRAN-2-40-50-6 + ANT0)	RF12-60ANT3 (FRAN-2-40-50-6 + ANT3)	RF12-60ANT4 (FRAN-2-40-50-6 + ANT4)	RF12-60ANT1 (FRAN-2-40-50-6 + ANT1)	RF12-60ANT0 (FRAN-2-40-50-6 + ANT0)	RF ANT8	RF ANT8	RF ANT1	RF ANT1		RF ANT2	RF ANT8	RF ANT0	RF ANT3	RF ANT4	RF ANT1	RF ANT2	RF ANT8
Head	Left Cheek	0.422	0.412	0.411	0.480	0.411	0.441	0.480	0.411	0.441	0.480	0.411	0.441	0.480	0.411	0.441	0.480	0.411	0.441	0.480	0.411	0.441	0.480	0.410
	Left Tilt	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399
	Right Cheek	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976
	Right Tilt	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399
Body 10cm	Front	0.085	0.044	0.052	0.043	0.041	0.044	0.052	0.043	0.041	0.044	0.052	0.043	0.041	0.044									

15 SAR Test Result

Note:

KDB 447498 D01 General RF Exposure Guidance:

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

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

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

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

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

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

KDB 648474 D04 Handset SAR:

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

KDB 941225 D01 SAR test for 3G devices:

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

KDB 941225 D05 SAR for LTE Devices:

SAR test reduction is applied using the following criteria:

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

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

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

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

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

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

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

KDB 248227 D01 SAR meas for 802.11:

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

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

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

When the reported SAR for the initial test position is:

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

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

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

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

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

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

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

Table 15.1: Duty Cycle

Mode	Duty Cycle
Speech for GSM	1:8.3
GPRS&EGPRS 1 Slot	1:8.3
GPRS&EGPRS 2 Slot	1:4
GPRS&EGPRS 3 Slot	1:2.67
GPRS&EGPRS 4 Slot	1:2
WCDMA<E FDD	1:1
TDD PC3	1:1.58
TDD PC2	1:2.31

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

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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	Voice	Cheek Left	0mm	\	\	30.57	31.50	0.070	0.087	0.052	0.064	-0.16
0	Head	GSM850	190	836.6	Voice	Tilt Left	0mm	\	\	30.57	31.50	0.057	0.071	0.043	0.053	0.13
0	Head	GSM850	251	848.8	Voice	Cheek Right	0mm	FIG A.1	\	30.58	31.50	0.087	0.108	0.067	0.083	0.12
0	Head	GSM850	190	836.6	Voice	Cheek Right	0mm	\	\	30.57	31.50	0.072	0.089	0.054	0.067	0.07
0	Head	GSM850	128	824.2	Voice	Cheek Right	0mm	\	\	30.48	31.50	0.065	0.082	0.050	0.063	0.01
0	Head	GSM850	190	836.6	Voice	Tilt Right	0mm	\	\	30.57	31.50	0.063	0.078	0.046	0.057	-0.06
0	Body	GSM850	190	836.6	GPRS(4TX)	Front	10mm	\	\	18.69	19.50	<0.01	<0.01	<0.01	<0.01	
0	Body	GSM850	251	848.8	GPRS(4TX)	Rear	10mm	\	\	18.58	19.50	0.041	0.051	0.029	0.036	0.17
0	Body	GSM850	190	836.6	GPRS(4TX)	Rear	10mm	FIG A.2	\	18.69	19.50	0.049	0.059	0.032	0.039	0.02
0	Body	GSM850	128	824.2	GPRS(4TX)	Rear	10mm	\	\	18.55	19.50	0.043	0.054	0.030	0.037	-0.08
0	Body	GSM850	190	836.6	GPRS(4TX)	Right	10mm	\	\	18.69	19.50	<0.01	<0.01	<0.01	<0.01	
0	Body	GSM850	190	836.6	GPRS(4TX)	Bottom	10mm	\	\	18.69	19.50	<0.01	<0.01	<0.01	<0.01	
0	Body	GSM850	190	836.6	EGPRS(4TX)	Rear	10mm	\	\	18.54	19.50	0.042	0.052	0.030	0.037	0.02
0	Body	GSM850	190	836.6	GPRS(1TX)	Front	15mm	\	\	33.30	34.00	0.093	0.109	0.060	0.070	-0.12
0	Body	GSM850	251	848.8	GPRS(1TX)	Rear	15mm	\	\	33.35	34.00	0.101	0.117	0.064	0.074	0.15
0	Body	GSM850	190	836.6	GPRS(1TX)	Rear	15mm	FIG A.3	\	33.30	34.00	0.116	0.136	0.077	0.090	-0.04
0	Body	GSM850	128	824.2	GPRS(1TX)	Rear	15mm	\	\	32.86	34.00	0.094	0.122	0.061	0.079	-0.01
0	Body	GSM850	190	836.6	EGPRS(1TX)	Rear	15mm	\	\	33.31	34.00	0.109	0.128	0.071	0.083	0.17
3	Head	GSM850	251	848.8	Voice	Cheek Left	0mm	\	\	29.82	30.90	0.356	0.457	0.187	0.240	0.03
3	Head	GSM850	251	848.8	Voice	Tilt Left	0mm	\	\	29.82	30.90	0.260	0.333	0.130	0.167	-0.09
3	Head	GSM850	251	848.8	Voice	Cheek Right	0mm	FIG A.4	\	29.82	30.90	0.678	0.869	0.342	0.439	0.15
3	Head	GSM850	190	836.6	Voice	Cheek Right	0mm	\	\	29.78	30.90	0.565	0.731	0.281	0.364	0.06
3	Head	GSM850	128	824.2	Voice	Cheek Right	0mm	\	\	29.20	30.90	0.424	0.627	0.208	0.308	0.04
3	Head	GSM850	251	848.8	Voice	Tilt Right	0mm	\	\	29.82	30.90	0.521	0.668	0.234	0.300	-0.06
3	Body	GSM850	190	836.6	GPRS(4TX)	Front	10mm	\	\	18.31	18.90	0.037	0.042	0.020	0.023	0.1
3	Body	GSM850	190	836.6	GPRS(4TX)	Rear	10mm	\	\	18.31	18.90	0.045	0.052	0.022	0.025	0.18
3	Body	GSM850	251	848.8	GPRS(4TX)	Left	10mm	\	\	18.16	18.90	0.050	0.059	0.024	0.028	0.12
3	Body	GSM850	190	836.6	GPRS(4TX)	Left	10mm	\	\	18.31	18.90	0.049	0.056	0.023	0.026	0.02
3	Body	GSM850	128	824.2	GPRS(4TX)	Left	10mm	FIG A.5	\	18.21	18.90	0.057	0.067	0.029	0.034	0.02
3	Body	GSM850	190	836.6	GPRS(4TX)	Top	10mm	\	\	18.31	18.90	<0.01	<0.01	<0.01	<0.01	
3	Body	GSM850	128	824.2	EGPRS(4TX)	Rear	10mm	\	\	18.33	18.90	0.051	0.058	0.027	0.031	0.16
3	Body	GSM850	251	848.8	GPRS(3TX)	Front	15mm	\	\	27.85	28.70	0.111	0.135	0.068	0.083	-0.04
3	Body	GSM850	190	836.6	GPRS(3TX)	Front	15mm	FIG A.6	\	27.88	28.70	0.129	0.156	0.079	0.095	-0.07
3	Body	GSM850	128	824.2	GPRS(3TX)	Front	15mm	\	\	27.76	28.70	0.124	0.154	0.076	0.094	-0.01
3	Body	GSM850	190	836.6	GPRS(3TX)	Rear	15mm	\	\	27.88	28.70	0.075	0.091	0.050	0.060	0.06
3	Body	GSM850	190	836.6	EGPRS(3TX)	Rear	15mm	\	\	27.98	28.70	0.121	0.143	0.073	0.086	0.19
4	Head	GSM1900	661	1880	Voice	Cheek Left	0mm	\	\	27.07	28.00	0.198	0.245	0.120	0.149	0.1
4	Head	GSM1900	661	1880	Voice	Tilt Left	0mm	\	\	27.07	28.00	0.304	0.377	0.181	0.224	-0.05
4	Head	GSM1900	661	1880	Voice	Cheek Right	0mm	\	\	27.07	28.00	0.536	0.664	0.262	0.325	0.05
4	Head	GSM1900	810	1909.8	Voice	Tilt Right	0mm	\	\	27.15	28.00	0.587	0.714	0.294	0.358	0.04
4	Head	GSM1900	661	1880	Voice	Tilt Right	0mm	\	\	27.07	28.00	0.712	0.882	0.338	0.419	-0.17
4	Head	GSM1900	512	1850.2	Voice	Tilt Right	0mm	FIG A.7	\	27.07	28.00	0.796	0.986	0.354	0.439	0.14
4	Body	GSM1900	661	1880	GPRS(1TX)	Front	10mm	\	\	20.61	22.00	0.042	0.058	0.023	0.032	0.06
4	Body	GSM1900	661	1880	GPRS(1TX)	Rear	10mm	\	\	20.61	22.00	0.040	0.055	0.022	0.030	-0.09
4	Body	GSM1900	661	1880	GPRS(1TX)	Left	10mm	\	\	20.61	22.00	0.032	0.044	0.018	0.025	-0.1
4	Body	GSM1900	810	1909.8	GPRS(1TX)	Top	10mm	\	\	20.65	22.00	0.083	0.113	0.046	0.063	0.12
4	Body	GSM1900	661	1880	GPRS(1TX)	Top	10mm	FIG A.8	\	20.61	22.00	0.091	0.125	0.050	0.069	0.01
4	Body	GSM1900	512	1850.2	GPRS(1TX)	Top	10mm	\	\	20.72	22.00	0.061	0.082	0.032	0.043	-0.01
4	Body	GSM1900	661	1880	EGPRS(1TX)	Top	10mm	\	\	20.57	22.00	0.087	0.121	0.048	0.067	0.16
4	Body	GSM1900	810	1909.8	GPRS(1TX)	Front	15mm	\	\	29.90	31.00	0.091	0.117	0.054	0.070	-0.05
4	Body	GSM1900	661	1880	GPRS(1TX)	Front	15mm	\	\	29.93	31.00	0.105	0.134	0.064	0.082	-0.03
4	Body	GSM1900	512	1850.2	GPRS(1TX)	Front	15mm	FIG A.9	\	29.99	31.00	0.112	0.141	0.069	0.087	-0.04
4	Body	GSM1900	661	1880	GPRS(1TX)	Rear	15mm	\	\	29.93	31.00	0.098	0.125	0.064	0.082	-0.11
4	Body	GSM1900	512	1850.2	EGPRS(1TX)	Rear	15mm	\	\	29.97	31.00	0.109	0.138	0.067	0.085	0.08
1	Head	GSM1900	810	1880	Voice	Cheek Left	0mm	\	\	29.86	30.70	0.069	0.084	0.044	0.053	-0.05
1	Head	GSM1900	661	1880	Voice	Cheek Left	0mm	FIG A.10	\	29.55	30.70	0.075	0.098	0.047	0.061	0.05
1	Head	GSM1900	512	1880	Voice	Cheek Left	0mm	\	\	29.79	30.70	0.073	0.090	0.047	0.058	0.06
1	Head	GSM1900	661	1880	Voice	Tilt Left	0mm	\	\	29.55	30.70	0.045	0.059	0.011	0.014	0.01
1	Head	GSM1900	661	1880	Voice	Cheek Right	0mm	\	\	29.55	30.70	0.058	0.076	0.023	0.030	-0.11
1	Head	GSM1900	661	1880	Voice	Tilt Right	0mm	\	\	29.55	30.70	0.034	0.044	0.008	0.010	-0.13
1	Body	GSM1900	661	1880	GPRS(1TX)	Front	10mm	\	\	24.23	25.10	0.065	0.079	0.037	0.045	-0.09
1	Body	GSM1900	661	1880	GPRS(1TX)	Rear	10mm	\	\	24.23	25.10	0.081	0.099	0.041	0.050	-0.02
1	Body	GSM1900	661	1880	GPRS(1TX)	Left	10mm	\	\	24.23	25.10	0.031	0.038	0.018	0.022	-0.05
1	Body	GSM1900	661	1880	GPRS(1TX)	Right	10mm	\	\	24.23	25.10	0.023	0.028	0.013	0.016	-0.15
1	Body	GSM1900	810	1909.8	GPRS(1TX)	Bottom	10mm	\	\	24.36	25.10	0.125	0.148	0.067	0.079	0.15
1	Body	GSM1900	661	1880	GPRS(1TX)	Bottom	10mm	\	\	24.23	25.10	0.129	0.158	0.069	0.084	0.13
1	Body	GSM1900	512	1850.2	GPRS(1TX)	Bottom	10mm	FIG A.11	\	24.35	25.10	0.136	0.162	0.074	0.088	-0.05
1	Body	GSM1900	512	1850.2	EGPRS(1TX)	Bottom	10mm	\	\	24.25	25.10	0.132	0.161	0.071	0.086	0.13
1	Body	GSM1900	661	1880	GPRS(1TX)	Front	15mm	\	\	29.53	30.70	0.097	0.127	0.060	0.079	-0.02
1	Body	GSM1900	810	1909.8	GPRS(1TX)	Rear	15mm	\	\	29.89	30.70	0.116	0.140	0.071	0.086	0.08
1	Body	GSM1900	661	1880	GPRS(1TX)	Rear	15mm	FIG A.12	\	29.53	30.70	0.149	0.195	0.089	0.117	-0.04
1	Body	GSM1900	512	1850.2	GPRS(1TX)	Rear	15mm	\	\	29.68	30.70	0.146	0.185	0.087	0.110	-0.09
1	Body	GSM1900	661	1880	EGPRS(1TX)	Rear	15mm	\	\	29.54	30.70	0.143	0.187	0.084	0.110	-0.07

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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	WCDMA1900	9400	1880	RMC	Cheek Left	0mm	\	Note1	17.59	18.60	0.295	0.372	0.171	0.216	-0.12
4	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	\	Note1	17.59	18.60	0.456	0.575	0.262	0.331	0.17
4	Head	WCDMA1900	9538	1907.6	RMC	Cheek Right	0mm	\	Note1	17.43	18.60	0.672	0.880	0.351	0.460	0.15
4	Head	WCDMA1900	9400	1880	RMC	Cheek Right	0mm	\	Note1	17.59	18.60	0.708	0.893	0.378	0.477	-0.08
4	Head	WCDMA1900	9262	1852.4	RMC	Cheek Right	0mm	\	Note1	17.63	18.60	0.692	0.865	0.364	0.455	-0.04
4	Head	WCDMA1900	9538	1907.6	RMC	Tilt Right	0mm	\	Note1	17.43	18.60	0.693	0.907	0.312	0.408	-0.01
4	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	\	Note1	17.59	18.60	0.814	1.027	0.367	0.463	0.15
4	Head	WCDMA1900	9262	1852.4	RMC	Tilt Right	0mm	FIG A. 13	Note1	17.63	18.60	0.865	1.081	0.392	0.490	-0.06
4	Head	WCDMA1900	9262	1852.4	RMC	Tilt Right	0mm	SIM2	Note1	17.63	18.60	0.834	1.043	0.377	0.471	0.02
4	Head	WCDMA1900	9262	1852.4	RMC	Tilt Right	0mm	protection case	Note1	17.63	18.60	0.827	1.034	0.374	0.468	0.01
4	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	\	Note2	12.68	13.60	0.107	0.132	0.057	0.070	0.12
4	Body	WCDMA1900	9262	1852.4	RMC	Front	10mm	\	\	11.71	12.60	0.039	0.048	0.022	0.027	0.18
4	Body	WCDMA1900	9262	1852.4	RMC	Rear	10mm	\	\	11.71	12.60	0.034	0.042	0.019	0.023	-0.03
4	Body	WCDMA1900	9262	1852.4	RMC	Left	10mm	\	\	11.71	12.60	0.027	0.033	0.016	0.020	0.06
4	Body	WCDMA1900	9538	1907.6	RMC	Top	10mm	\	\	11.44	12.60	0.071	0.093	0.037	0.048	0.1
4	Body	WCDMA1900	9400	1880	RMC	Top	10mm	\	\	11.71	12.60	0.086	0.106	0.046	0.056	-0.18
4	Body	WCDMA1900	9262	1852.4	RMC	Top	10mm	FIG A. 14	\	11.73	12.60	0.099	0.121	0.052	0.064	0.13
4	Body	WCDMA1900	9538	1907.6	RMC	Front	15mm	\	\	22.38	23.40	0.192	0.243	0.102	0.129	-0.15
4	Body	WCDMA1900	9400	1880	RMC	Front	15mm	\	\	22.53	23.40	0.228	0.279	0.122	0.149	0.14
4	Body	WCDMA1900	9262	1852.4	RMC	Front	15mm	FIG A. 15	\	22.56	23.40	0.276	0.335	0.157	0.191	-0.07
4	Body	WCDMA1900	9262	1852.4	RMC	Rear	15mm	\	\	22.53	23.40	0.224	0.274	0.120	0.147	0.02
1	Head	WCDMA1900	9538	1907.6	RMC	Cheek Left	0mm	\	\	23.52	24.70	0.111	0.146	0.069	0.091	0.02
1	Head	WCDMA1900	9400	1880	RMC	Cheek Left	0mm	\	\	23.62	24.70	0.116	0.149	0.072	0.092	-0.02
1	Head	WCDMA1900	9262	1852.4	RMC	Cheek Left	0mm	FIG A. 16	\	23.62	24.70	0.119	0.153	0.075	0.096	0.09
1	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	\	\	23.62	24.70	0.024	0.031	0.016	0.021	-0.06
1	Head	WCDMA1900	9400	1880	RMC	Cheek Right	0mm	\	\	23.62	24.70	0.042	0.054	0.027	0.035	0.13
1	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	\	\	23.62	24.70	0.017	0.022	0.010	0.013	0.07
1	Body	WCDMA1900	9400	1880	RMC	Front	10mm	\	\	16.34	17.00	0.107	0.125	0.058	0.068	-0.01
1	Body	WCDMA1900	9400	1880	RMC	Rear	10mm	\	\	16.34	17.00	0.123	0.143	0.066	0.077	-0.16
1	Body	WCDMA1900	9400	1880	RMC	Left	10mm	\	\	16.34	17.00	0.054	0.063	0.029	0.034	0.15
1	Body	WCDMA1900	9400	1880	RMC	Right	10mm	\	\	16.34	17.00	0.044	0.051	0.024	0.028	-0.15
1	Body	WCDMA1900	9538	1907.6	RMC	Bottom	10mm	\	\	16.32	17.00	0.244	0.285	0.123	0.151	0.1
1	Body	WCDMA1900	9400	1880	RMC	Bottom	10mm	FIG A. 17	\	16.34	17.00	0.248	0.289	0.132	0.154	0.01
1	Body	WCDMA1900	9262	1852.4	RMC	Bottom	10mm	\	\	16.25	17.00	0.241	0.286	0.129	0.153	0.07
1	Body	WCDMA1900	9400	1880	RMC	Front	15mm	\	\	22.39	23.00	0.228	0.262	0.135	0.155	0.12
1	Body	WCDMA1900	9538	1907.6	RMC	Rear	15mm	\	\	22.32	23.00	0.290	0.338	0.170	0.199	0.16
1	Body	WCDMA1900	9400	1880	RMC	Rear	15mm	\	\	22.39	23.00	0.314	0.361	0.185	0.213	0.02
1	Body	WCDMA1900	9262	1852.4	RMC	Rear	15mm	FIG A. 18	\	22.38	23.00	0.322	0.371	0.191	0.220	0.13

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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	WCDMA1900	9400	1880	RMC	Cheek Left	0mm	\	Note1	17.59	18.60	0.295	0.372	0.171	0.216	-0.12
4	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	\	Note1	17.59	18.60	0.456	0.575	0.262	0.331	0.17
4	Head	WCDMA1700	1412	1732.4	RMC	Cheek Left	0mm	\	Note1	16.72	18.20	0.268	0.377	0.156	0.219	-0.08
4	Head	WCDMA1700	1412	1732.4	RMC	Tilt Left	0mm	\	Note1	16.72	18.20	0.389	0.577	0.216	0.304	-0.07
4	Head	WCDMA1700	1412	1732.4	RMC	Cheek Right	0mm	\	Note1	16.72	18.20	0.542	0.762	0.274	0.385	0.07
4	Head	WCDMA1700	1513	1752.6	RMC	Tilt Right	0mm	FIG A. 19	Note1	16.81	18.20	0.661	0.910	0.320	0.441	-0.04
4	Head	WCDMA1700	1412	1732.4	RMC	Tilt Right	0mm	\	Note1	16.72	18.20	0.646	0.908	0.314	0.441	-0.12
4	Head	WCDMA1700	1312	1712.4	RMC	Tilt Right	0mm	\	Note1	16.74	18.20	0.611	0.855	0.297	0.416	0.11
4	Head	WCDMA1700	1412	1732.4	RMC	Tilt Left	0mm	\	Note2	11.95	13.20	0.114	0.152	0.064	0.085	-0.04
4	Body	WCDMA1700	1412	1732.4	RMC	Front	10mm	\	\	10.78	12.20	0.044	0.061	0.021	0.029	-0.13
4	Body	WCDMA1700	1412	1732.4	RMC	Rear	10mm	\	\	10.78	12.20	0.039	0.054	0.017	0.024	-0.13
4	Body	WCDMA1700	1412	1732.4	RMC	Left	10mm	\	\	10.78	12.20	0.035	0.049	0.015	0.021	-0.04
4	Body	WCDMA1700	1513	1752.6	RMC	Top	10mm	\	\	10.78	12.20	0.065	0.090	0.033	0.046	0.02
4	Body	WCDMA1700	1412	1732.4	RMC	Top	10mm	FIG A. 20	\	10.78	12.20	0.068	0.094	0.036	0.050	0.19
4	Body	WCDMA1700	1312	1712.4	RMC	Top	10mm	\	\	10.78	12.20	0.063	0.087	0.034	0.047	-0.15
4	Body	WCDMA1700	1513	1752.6	RMC	Front	15mm	\	\	20.92	22.20	0.217	0.291	0.140	0.188	0.03
4	Body	WCDMA1700	1412	1732.4	RMC	Front	15mm	FIG A. 21	\	20.94	22.20	0.225	0.301	0.141	0.188	0.1
4	Body	WCDMA1700	1312	1712.4	RMC	Front	15mm	\	\	20.85	22.20	0.200	0.273	0.130	0.177	0.18
4	Body	WCDMA1700	1412	1732.4	RMC	Rear	15mm	\	\	20.94	22.20	0.197	0.263	0.129	0.172	0.09
1	Head	WCDMA1700	1513	1752.6	RMC	Cheek Left	0mm	\	\	23.83	24.70	0.137	0.167	0.089	0.109	0.18
1	Head	WCDMA1700	1412	1732.4	RMC	Cheek Left	0mm	\	\	23.87	24.70	0.145	0.176	0.095	0.115	-0.15
1	Head	WCDMA1700	1312	1712.4	RMC	Cheek Left	0mm	FIG A. 22	\	23.91	24.70	0.149	0.179	0.098	0.118	0.11
1	Head	WCDMA1700	1312	1712.4	RMC	Tilt Left	0mm	\	\	23.87	24.70	0.035	0.042	0.023	0.028	-0.18
1	Head	WCDMA1700	1312	1712.4	RMC	Cheek Right	0mm	\	\	23.87	24.70	0.074	0.090	0.050	0.061	-0.01
1	Head	WCDMA1700	1312	1712.4	RMC	Tilt Right	0mm	\	\	23.87	24.70	0.035	0.042	0.024	0.029	0.13
1	Body	WCDMA1700	1412	1732.4	RMC	Front	10mm	\	\	16.98	17.60	0.099	0.114	0.057	0.066	0.09
1	Body	WCDMA1700	1412	1732.4	RMC	Rear	10mm	\	\	16.98	17.60	0.109	0.126	0.064	0.074	0.08
1	Body	WCDMA1700	1412	1732.4	RMC	Left	10mm	\	\	16.98	17.60	0.055	0.063	0.025	0.029	-0.18
1	Body	WCDMA1700	1412	1732.4	RMC	Right	10mm	\	\	16.98	17.60	0.047	0.054	0.021	0.024	-0.18
1	Body	WCDMA1700	1513	1752.6	RMC	Bottom	10mm	FIG A. 23	\	16.97	17.60	0.214	0.247	0.119	0.138	0.12
1	Body	WCDMA1700	1412	1732.4	RMC	Bottom	10mm	\	\	16.98	17.60	0.189	0.218	0.104	0.120	0.16
1	Body	WCDMA1700	1312	1712.4	RMC	Bottom	10mm	\	\	16.95	17.60	0.198	0.230	0.110	0.128	0.09
1	Body	WCDMA1700	1412	1732.4	RMC	Front	15mm	\	\	23.05	23.60	0.202	0.229	0.123	0.140	0.16
1	Body	WCDMA1700	1513	1752.6	RMC	Rear	15mm	FIG A. 24	\	23.12	23.60	0.292	0.326	0.176	0.197	-0.02
1	Body	WCDMA1700	1412	1732.4	RMC	Rear	15mm	\	\	23.05	23.60	0.249	0.283	0.151	0.171	0.03
1	Body	WCDMA1700	1312	1712.4	RMC	Rear	15mm	\	\	23.02	23.60	0.243	0.278	0.148	0.169	0.1



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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	\	\	24.17	24.60	0.138	0.152	0.107	0.118	0.04
0	Head	WCDMA850	4183	836.6	RMC	Tilt Left	0mm	\	\	24.17	24.60	0.079	0.087	0.062	0.068	0.04
0	Head	WCDMA850	4233	846.6	RMC	Cheek Right	0mm	\	\	24.09	24.60	0.114	0.128	0.089	0.100	0.1
0	Head	WCDMA850	4183	836.6	RMC	Cheek Right	0mm	FIG A.25	\	24.17	24.60	0.155	0.171	0.122	0.135	-0.1
0	Head	WCDMA850	4132	826.4	RMC	Cheek Right	0mm	\	\	24.13	24.60	0.122	0.136	0.097	0.108	0.03
0	Head	WCDMA850	4183	836.6	RMC	Tilt Right	0mm	\	\	24.17	24.60	0.082	0.091	0.065	0.072	-0.19
0	Body	WCDMA850	4183	836.6	RMC	Front	10mm	\	\	18.12	18.60	0.179	0.200	0.113	0.126	0.15
0	Body	WCDMA850	4233	846.6	RMC	Rear	10mm	FIG A.26	\	18.01	18.60	0.214	0.245	0.138	0.158	-0.18
0	Body	WCDMA850	4183	836.6	RMC	Rear	10mm	\	\	18.12	18.60	0.207	0.231	0.134	0.150	-0.09
0	Body	WCDMA850	4132	826.4	RMC	Rear	10mm	\	\	18.06	18.60	0.207	0.234	0.131	0.148	-0.13
0	Body	WCDMA850	4183	836.6	RMC	Right	10mm	\	\	18.12	18.60	0.186	0.208	0.113	0.126	0.09
0	Body	WCDMA850	4183	836.6	RMC	Bottom	10mm	\	\	18.12	18.60	0.051	0.057	0.027	0.030	-0.12
0	Body	WCDMA850	4183	836.6	RMC	Front	15mm	\	\	24.17	24.60	0.117	0.129	0.077	0.085	0.03
0	Body	WCDMA850	4233	846.6	RMC	Rear	15mm	FIG A.27	\	24.09	24.60	0.121	0.136	0.080	0.090	-0.19
0	Body	WCDMA850	4183	836.6	RMC	Rear	15mm	\	\	24.17	24.60	0.120	0.132	0.079	0.087	0.12
0	Body	WCDMA850	4132	826.4	RMC	Rear	15mm	\	\	24.13	24.60	0.116	0.129	0.076	0.085	0
3	Head	WCDMA850	4183	836.6	RMC	Cheek Left	0mm	\	\	21.04	22.00	0.377	0.470	0.226	0.282	0.03
3	Head	WCDMA850	4183	836.6	RMC	Tilt Left	0mm	\	\	21.04	22.00	0.250	0.312	0.145	0.181	0.15
3	Head	WCDMA850	4233	846.6	RMC	Cheek Right	0mm	\	\	20.95	22.00	0.685	0.872	0.363	0.462	-0.07
3	Head	WCDMA850	4183	836.6	RMC	Cheek Right	0mm	FIG A.28	\	21.04	22.00	0.762	0.951	0.421	0.525	0.01
3	Head	WCDMA850	4132	826.4	RMC	Cheek Right	0mm	\	\	21.04	22.00	0.759	0.947	0.402	0.501	-0.09
3	Head	WCDMA850	4183	836.6	RMC	Tilt Right	0mm	\	\	21.04	22.00	0.544	0.679	0.274	0.342	0.09
3	Body	WCDMA850	4183	836.6	RMC	Front	10mm	\	\	14.93	16.00	0.064	0.082	0.037	0.047	0.12
3	Body	WCDMA850	4183	836.6	RMC	Rear	10mm	\	\	14.93	16.00	0.060	0.077	0.035	0.045	-0.09
3	Body	WCDMA850	4233	846.6	RMC	Left	10mm	\	\	14.83	16.00	0.090	0.118	0.043	0.056	0.09
3	Body	WCDMA850	4183	836.6	RMC	Left	10mm	\	\	14.93	16.00	0.091	0.116	0.049	0.063	0.04
3	Body	WCDMA850	4132	826.4	RMC	Left	10mm	FIG A.29	\	14.91	16.00	0.103	0.132	0.051	0.066	0.15
3	Body	WCDMA850	4183	836.6	RMC	Top	10mm	\	\	14.93	16.00	0.053	0.068	0.031	0.040	0.09
3	Body	WCDMA850	4233	846.6	RMC	Front	15mm	\	\	23.71	25.00	0.197	0.265	0.117	0.157	-0.11
3	Body	WCDMA850	4183	836.6	RMC	Front	15mm	FIG A.30	\	23.85	25.00	0.224	0.292	0.136	0.177	-0.02
3	Body	WCDMA850	4132	826.4	RMC	Front	15mm	\	\	23.83	25.00	0.212	0.278	0.128	0.168	0.16
3	Body	WCDMA850	4183	836.6	RMC	Rear	15mm	\	\	23.85	25.00	0.170	0.222	0.108	0.141	-0.12

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4	Head	LTE B2	19100	1900	1RB-Mid	Cheek Left	0mm	\	Note1	17.63	18.70	0.184	0.235	0.108	0.138	-0.19
4	Head	LTE B2	19100	1900	1RB-Mid	Tilt Left	0mm	\	Note1	17.63	18.70	0.288	0.368	0.167	0.214	0.15
4	Head	LTE B2	19100	1900	1RB-Mid	Cheek Right	0mm	\	Note1	17.63	18.70	0.442	0.565	0.214	0.274	-0.1
4	Head	LTE B2	19100	1900	1RB-Mid	Tilt Right	0mm	\	Note1	17.63	18.70	0.611	0.782	0.267	0.342	0.08
4	Head	LTE B2	18700	1860	50RB-Mid	Cheek Left	0mm	\	Note1	17.68	18.70	0.237	0.300	0.142	0.180	0.15
4	Head	LTE B2	18700	1860	50RB-Mid	Tilt Left	0mm	\	Note1	17.68	18.70	0.391	0.495	0.221	0.280	0.08
4	Head	LTE B2	18700	1860	50RB-Mid	Cheek Right	0mm	\	Note1	17.68	18.70	0.532	0.673	0.254	0.321	-0.04
4	Head	LTE B2	19100	1900	50RB-Low	Tilt Right	0mm	\	Note1	17.55	18.70	0.605	0.788	0.271	0.353	-0.07
4	Head	LTE B2	18900	1880	50RB-High	Tilt Right	0mm	\	Note1	17.62	18.70	0.653	0.837	0.294	0.377	-0.12
4	Head	LTE B2	18700	1860	50RB-Mid	Tilt Right	0mm	FIG A.31	Note1	17.68	18.70	0.682	0.863	0.312	0.395	0.02
4	Head	LTE B2	18700	1860	100RB	Tilt Right	0mm	\	Note1	17.63	18.70	0.623	0.797	0.271	0.347	0.16
4	Head	LTE B2	18700	1860	50RB-Mid	Tilt Left	0mm	\	Note 2	12.83	13.70	0.035	0.043	0.019	0.023	-0.12
4	Body	LTE B2	18700	1860	1RB-Mid	Front	10mm	\	\	11.67	12.70	0.035	0.044	0.019	0.024	-0.19
4	Body	LTE B2	18700	1860	1RB-Mid	Rear	10mm	\	\	11.67	12.70	0.033	0.042	0.018	0.023	0.12
4	Body	LTE B2	18700	1860	1RB-Mid	Left	10mm	\	\	11.67	12.70	0.030	0.038	0.016	0.020	0.03
4	Body	LTE B2	18700	1860	1RB-Mid	Top	10mm	\	\	11.67	12.70	0.082	0.104	0.044	0.056	0.01
4	Body	LTE B2	18700	1860	50RB-High	Front	10mm	\	\	11.77	12.70	0.034	0.042	0.018	0.022	-0.12
4	Body	LTE B2	18700	1860	50RB-High	Rear	10mm	\	\	11.77	12.70	0.031	0.038	0.016	0.020	-0.06
4	Body	LTE B2	18700	1860	50RB-High	Left	10mm	\	\	11.77	12.70	0.029	0.036	0.015	0.019	-0.05
4	Body	LTE B2	18700	1860	50RB-High	Top	10mm	FIG A.32	\	11.77	12.70	0.084	0.104	0.045	0.056	0.09
4	Body	LTE B2	18700	1860	1RB-Low	Front	15mm	\	\	22.41	23.50	0.212	0.272	0.130	0.167	0.02
4	Body	LTE B2	18700	1860	1RB-Low	Rear	15mm	\	\	22.41	23.50	0.306	0.393	0.191	0.245	-0.05
4	Body	LTE B2	18700	1860	50RB-Mid	Front	15mm	\	\	22.38	23.50	0.214	0.277	0.133	0.172	-0.17
4	Body	LTE B2	18700	1860	50RB-Mid	Rear	15mm	FIG A.33	\	22.38	23.50	0.307	0.397	0.192	0.248	0.12
1	Head	LTE B2	18900	1880	1RB-High	Cheek Left	0mm	FIG A.34	\	23.52	24.70	0.180	0.236	0.111	0.146	-0.04
1	Head	LTE B2	18900	1880	1RB-High	Tilt Left	0mm	\	\	23.52	24.70	0.102	0.134	0.060	0.079	0.06
1	Head	LTE B2	18900	1880	1RB-High	Cheek Right	0mm	\	\	23.52	24.70	0.120	0.157	0.071	0.093	0.1
1	Head	LTE B2	18900	1880	1RB-High	Tilt Right	0mm	\	\	23.52	24.70	0.068	0.089	0.040	0.052	0.17
1	Head	LTE B2	19100	1900	50RB-Mid	Cheek Left	0mm	\	\	22.55	23.70	0.149	0.194	0.091	0.119	-0.11
1	Head	LTE B2	19100	1900	50RB-Mid	Tilt Left	0mm	\	\	22.55	23.70	0.089	0.116	0.053	0.069	-0.16
1	Head	LTE B2	19100	1900	50RB-Mid	Cheek Right	0mm	\	\	22.55	23.70	0.091	0.119	0.056	0.073	0.17
1	Head	LTE B2	19100	1900	50RB-Mid	Tilt Right	0mm	\	\	22.55	23.70	0.055	0.072	0.032	0.042	-0.07
1	Body	LTE B2	18700	1860	1RB-Middle	Front	10mm	\	\	16.18	17.00	0.098	0.118	0.058	0.070	-0.1
1	Body	LTE B2	18700	1860	1RB-Middle	Rear	10mm	\	\	16.18	17.00	0.145	0.175	0.082	0.099	0.19
1	Body	LTE B2	18700	1860	1RB-Middle	Left	10mm	\	\	16.18	17.00	0.050	0.060	0.026	0.031	0.04
1	Body	LTE B2	18700	1860	1RB-Middle	Right	10mm	\	\	16.18	17.00	0.039	0.047	0.021	0.025	0.07
1	Body	LTE B2	18700	1860	1RB-Middle	Bottom	10mm	\	\	16.18	17.00	0.208	0.251	0.115	0.139	-0.18
1	Body	LTE B2	18900	1880	50RB-Middle	Front	10mm	\	\	16.09	17.00	0.102	0.126	0.059	0.073	0.07
1	Body	LTE B2	18900	1880	50RB-Middle	Rear	10mm	\	\	16.09	17.00	0.147	0.181	0.084	0.104	-0.14
1	Body	LTE B2	18900	1880	50RB-Middle	Left	10mm	\	\	16.09	17.00	0.054	0.067	0.028	0.035	0.1
1	Body	LTE B2	18900	1880	50RB-Middle	Right	10mm	\	\	16.09	17.00	0.034	0.042	0.017	0.021	0.1
1	Body	LTE B2	18900	1880	50RB-Middle	Bottom	10mm	FIG A.35	\	16.09	17.00	0.221	0.273	0.120	0.148	0.08
1	Body	LTE B2	18700	1860	1RB-Middle	Front	15mm	\	\	21.99	23.00	0.242	0.305	0.146	0.184	0.08
1	Body	LTE B2	18700	1860	1RB-Middle	Rear	15mm	\	\	21.99	23.00	0.316	0.399	0.184	0.232	-0.11
1	Body	LTE B2	18700	1860	50RB-High	Front	15mm	\	\	22.14	23.00	0.242	0.295	0.145	0.177	-0.14
1	Body	LTE B2	18700	1860	50RB-High	Rear	15mm	FIG A.36	\	22.14	23.00	0.334	0.407	0.198	0.241	0.01

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4	Head	LTE B4	20050	1720	1RB-Low	Cheek Left	0mm	\	\	17.21	18.10	0.152	0.187	0.084	0.103	0.19
4	Head	LTE B4	20050	1720	1RB-Low	Tilt Left	0mm	\	\	17.21	18.10	0.281	0.345	0.150	0.184	0.16
4	Head	LTE B4	20050	1720	1RB-Low	Cheek Right	0mm	\	\	17.21	18.10	0.298	0.366	0.153	0.188	0.09
4	Head	LTE B4	20050	1720	1RB-Low	Tilt Right	0mm	\	\	17.21	18.10	0.459	0.563	0.227	0.279	0.19
4	Head	LTE B4	20050	1720	50RB-Low	Cheek Left	0mm	\	\	17.19	18.10	0.207	0.255	0.117	0.144	0.08
4	Head	LTE B4	20050	1720	50RB-Low	Tilt Left	0mm	\	\	17.19	18.10	0.274	0.338	0.148	0.182	-0.13
4	Head	LTE B4	20050	1720	50RB-Low	Cheek Right	0mm	\	\	17.19	18.10	0.299	0.369	0.152	0.187	-0.11
4	Head	LTE B4	20050	1720	50RB-Low	Tilt Right	0mm	FIG A.37	\	17.19	18.10	0.544	0.671	0.255	0.314	0.02
4	Body	LTE B4	20300	1745	1RB-Low	Front	10mm	\	\	11.23	12.10	0.031	0.038	0.018	0.022	-0.17
4	Body	LTE B4	20300	1745	1RB-Low	Rear	10mm	\	\	11.23	12.10	0.042	0.051	0.020	0.024	-0.07
4	Body	LTE B4	20300	1745	1RB-Low	Left	10mm	\	\	11.23	12.10	0.032	0.039	0.018	0.022	-0.03
4	Body	LTE B4	20300	1745	1RB-Low	Top	10mm	FIG A.38	\	11.23	12.10	0.068	0.083	0.037	0.045	0.04
4	Body	LTE B4	20050	1720	50RB-Mid	Front	10mm	\	\	11.27	12.10	0.029	0.035	0.017	0.021	0.12
4	Body	LTE B4	20050	1720	50RB-Mid	Rear	10mm	\	\	11.27	12.10	0.034	0.041	0.019	0.023	-0.04
4	Body	LTE B4	20050	1720	50RB-Mid	Left	10mm	\	\	11.27	12.10	0.029	0.035	0.018	0.022	-0.16
4	Body	LTE B4	20050	1720	50RB-Mid	Top	10mm	\	\	11.27	12.10	0.064	0.077	0.035	0.042	-0.1
4	Body	LTE B4	20300	1745	1RB-High	Front	15mm	\	\	21.04	21.70	0.134	0.156	0.085	0.099	-0.18
4	Body	LTE B4	20300	1745	1RB-High	Rear	15mm	\	\	21.04	21.70	0.120	0.140	0.078	0.091	0.04
4	Body	LTE B4	20300	1745	50RB-High	Front	15mm	FIG A.39	\	21.03	21.70	0.141	0.165	0.089	0.104	-0.02
4	Body	LTE B4	20300	1745	50RB-High	Rear	15mm	\	\	21.03	21.70	0.127	0.148	0.082	0.096	-0.12
1	Head	LTE B4	20300	1745	1RB-Low	Cheek Left	0mm	FIG A.40	\	24.26	25.20	0.196	0.243	0.126	0.156	0.1
1	Head	LTE B4	20300	1745	1RB-Low	Tilt Left	0mm	\	\	24.26	25.20	0.083	0.103	0.053	0.066	-0.16
1	Head	LTE B4	20300	1745	1RB-Low	Cheek Right	0mm	\	\	24.26	25.20	0.149	0.185	0.093	0.115	-0.05
1	Head	LTE B4	20300	1745	1RB-Low	Tilt Right	0mm	\	\	24.26	25.20	0.080	0.099	0.048	0.060	0.11
1	Head	LTE B4	20300	1745	50RB-Low	Cheek Left	0mm	\	\	23.24	24.20	0.158	0.197	0.103	0.128	-0.06
1	Head	LTE B4	20300	1745	50RB-Low	Tilt Left	0mm	\	\	23.24	24.20	0.067	0.084	0.042	0.052	0.06
1	Head	LTE B4	20300	1745	50RB-Low	Cheek Right	0mm	\	\	23.24	24.20	0.115	0.143	0.072	0.090	0.05
1	Head	LTE B4	20300	1745	50RB-Low	Tilt Right	0mm	\	\	23.24	24.20	0.048	0.060	0.031	0.039	0.06
1	Body	LTE B4	20050	1720	1RB-High	Front	10mm	\	\	16.67	17.70	0.113	0.143	0.067	0.085	0.17
1	Body	LTE B4	20050	1720	1RB-High	Rear	10mm	\	\	16.67	17.70	0.163	0.207	0.093	0.118	0.16
1	Body	LTE B4	20050	1720	1RB-High	Left	10mm	\	\	16.67	17.70	0.044	0.056	0.025	0.032	-0.18
1	Body	LTE B4	20050	1720	1RB-High	Right	10mm	\	\	16.67	17.70	0.040	0.051	0.021	0.027	0.05
1	Body	LTE B4	20050	1720	1RB-High	Bottom	10mm	\	\	16.67	17.70	0.187	0.237	0.106	0.134	0.11
1	Body	LTE B4	20300	1745	50RB-Middle	Front	10mm	\	\	16.77	17.70	0.115	0.142	0.068	0.084	0.13
1	Body	LTE B4	20300	1745	50RB-Middle	Rear	10mm	\	\	16.77	17.70	0.157	0.194	0.090	0.111	-0.04
1	Body	LTE B4	20300	1745	50RB-Middle	Left	10mm	\	\	16.77	17.70	0.045	0.056	0.024	0.030	-0.04
1	Body	LTE B4	20300	1745	50RB-Middle	Right	10mm	\	\	16.77	17.70	0.043	0.053	0.023	0.028	-0.01
1	Body	LTE B4	20300	1745	50RB-Middle	Bottom	10mm	FIG A.41	\	16.77	17.70	0.206	0.255	0.115	0.142	0.13
1	Body	LTE B4	20300	1745	1RB-Low	Front	15mm	\	\	22.99	23.70	0.188	0.221	0.114	0.134	-0.13
1	Body	LTE B4	20300	1745	1RB-Low	Rear	15mm	\	\	22.99	23.70	0.257	0.303	0.154	0.181	-0.04
1	Body	LTE B4	20050	1720	50RB-Middle	Front	15mm	\	\	22.91	23.70	0.208	0.249	0.125	0.150	-0.14
1	Body	LTE B4	20050	1720	50RB-Middle	Rear	15mm	FIG A.42	\	22.91	23.70	0.275	0.330	0.166	0.199	0.02
2	Head	LTE B4	20050	1720	1RB-High	Cheek Left	0mm	\	Note1	20.51	21.50	0.449	0.564	0.221	0.278	0.08
2	Head	LTE B4	20050	1720	1RB-High	Tilt Left	0mm	\	Note1	20.51	21.50	0.107	0.134	0.061	0.077	0.1
2	Head	LTE B4	20050	1720	1RB-High	Cheek Right	0mm	\	Note1	20.51	21.50	0.411	0.516	0.220	0.276	0.17
2	Head	LTE B4	20050	1720	1RB-High	Tilt Right	0mm	\	Note1	20.51	21.50	0.194	0.244	0.106	0.133	0.18
2	Head	LTE B4	20050	1720	50RB-Middle	Cheek Left	0mm	FIG A.43	Note1	20.57	21.50	0.457	0.566	0.235	0.291	-0.18
2	Head	LTE B4	20050	1720	50RB-Middle	Tilt Left	0mm	\	Note1	20.57	21.50	0.108	0.134	0.063	0.078	-0.06
2	Head	LTE B4	20050	1720	50RB-Middle	Cheek Right	0mm	\	Note1	20.57	21.50	0.409	0.507	0.217	0.269	0.16
2	Head	LTE B4	20050	1720	50RB-Middle	Tilt Right	0mm	\	Note1	20.57	21.50	0.172	0.213	0.096	0.119	0.16
2	Head	LTE B4	20050	1720	50RB-Middle	Cheek Left	0mm	\	Note2	15.69	16.50	0.157	0.189	0.071	0.086	0.15
2	Body	LTE B4	20300	1745	1RB-Low	Front	10mm	\	\	14.65	15.50	0.052	0.063	0.026	0.032	-0.14
2	Body	LTE B4	20300	1745	1RB-Low	Rear	10mm	\	\	14.65	15.50	0.046	0.056	0.025	0.030	0.06
2	Body	LTE B4	20300	1745	1RB-Low	Left	10mm	\	\	14.65	15.50	0.130	0.158	0.063	0.077	0.05
2	Body	LTE B4	20050	1720	50RB-Mid	Front	10mm	\	\	14.67	15.50	0.054	0.065	0.027	0.033	-0.12
2	Body	LTE B4	20050	1720	50RB-Mid	Rear	10mm	\	\	14.67	15.50	0.050	0.061	0.027	0.033	0.13
2	Body	LTE B4	20050	1720	50RB-Mid	Left	10mm	FIG A.44	\	14.67	15.50	0.131	0.159	0.064	0.077	0.12
2	Body	LTE B4	20050	1720	1RB-High	Front	15mm	\	\	21.11	22.20	0.185	0.238	0.103	0.132	0.05
2	Body	LTE B4	20050	1720	1RB-High	Rear	15mm	\	\	21.11	22.20	0.190	0.244	0.110	0.141	-0.08
2	Body	LTE B4	20050	1720	50RB-Middle	Front	15mm	\	\	21.21	22.20	0.190	0.239	0.107	0.134	0.04
2	Body	LTE B4	20050	1720	50RB-Middle	Rear	15mm	FIG A.45	\	21.21	22.20	0.201	0.252	0.115	0.144	-0.15
8	Head	LTE B4	20050	1720	1RB-High	Cheek Left	0mm	\	Note1	17.93	18.90	0.418	0.523	0.186	0.233	0.07
8	Head	LTE B4	20050	1720	1RB-High	Tilt Left	0mm	\	Note1	17.93	18.90	0.105	0.131	0.054	0.068	-0.01
8	Head	LTE B4	20050	1720	1RB-High	Cheek Right	0mm	\	Note1	17.93	18.90	0.128	0.160	0.063	0.079	-0.06
8	Head	LTE B4	20050	1720	1RB-High	Tilt Right	0mm	\	Note1	17.93	18.90	0.039	0.049	0.020	0.025	-0.08
8	Head	LTE B4	20050	1720	50RB-Middle	Cheek Left	0mm	FIG A.46	Note1	17.98	18.90	0.427	0.528	0.198	0.245	0.17
8	Head	LTE B4	20050	1720	50RB-Middle	Tilt Left	0mm	\	Note1	17.98	18.90	0.099	0.122	0.051	0.063	0.11
8	Head	LTE B4	20050	1720	50RB-Middle	Cheek Right	0mm	\	Note1	17.98	18.90	0.131	0.162	0.065	0.080	-0.19
8	Head	LTE B4	20050	1720	50RB-Middle	Tilt Right	0mm	\	Note1	17.98	18.90	0.040	0.049	0.021	0.026	-0.13
8	Head	LTE B4	20050	1720	50RB-Middle	Cheek Left	0mm	\	Note2	12.78	13.90	0.011	0.014	0.006	0.008	0.16
8	Body	LTE B4	20300	1745	1RB-Low	Front	10mm	\	\	12.16	12.90	0.037	0.044	0.019	0.023	-0.04
8	Body	LTE B4	20300	1745	1RB-Low	Rear	10mm	\	\	12.16	12.90	0.039	0.046	0.020	0.024	-0.18
8	Body	LTE B4	20300	1745	1RB-Low	Right	10mm	FIG A.47	\	12.16	12.90	0.074	0.088	0.034	0.040	0.13
8	Body	LTE B4	20300	1745	1RB-Low	Top	10mm	\	\	12.16	12.90	0.033	0.039	0.016	0.019	0.09
8	Body	LTE B4	20050	1720	50RB-Mid	Front	10mm	\	\	12.15	12.90	0.036	0.043	0.017	0.020	0.1
8	Body	LTE B4	20050	1720	50RB-Mid	Rear	10mm	\	\	12.15	12.90	0.038	0.045	0.019	0.023	-0.19
8	Body	LTE B4	20050	1720	50RB-Mid	Right	10mm	\	\	12.15	12.90	0.064	0.076	0.029	0.034	-0.12
8	Body	LTE B4	20050	1720	50RB-Mid	Top	10mm	\	\	12.15	12.90	0.030	0.036	0.014	0.017	0.03
8	Body	LTE B4	20175	1732.5	1RB-Middle	Front	15mm	\	\	20.08	20.50	0.121	0.133	0.068	0.075	-0.17
8	Body	LTE B4	20175	1732.5	1RB-Middle	Rear	15mm	FIG A.48	\	20.08	20.50	0.123	0.135	0.070	0.077	0.18
8	Body	LTE B4	20300	1745	50RB-Middle	Front	15mm	\	\	19.13	20.00	0.099	0.121	0.057	0.070	0.03
8	Body	LTE B4	20300	1745	50RB-Middle	Rear	15mm									



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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 B5	20600	844	1RB-Low	Cheek Left	0mm	\	\	23.83	24.70	0.082	0.100	0.061	0.075	-0.01
0	Head	LTE B5	20600	844	1RB-Low	Tilt Left	0mm	\	\	23.83	24.70	0.064	0.078	0.049	0.060	0.04
0	Head	LTE B5	20600	844	1RB-Low	Cheek Right	0mm	FIG A.49	\	23.83	24.70	0.134	0.164	0.104	0.127	0.05
0	Head	LTE B5	20600	844	1RB-Low	Tilt Right	0mm	\	\	23.83	24.70	0.073	0.089	0.057	0.070	-0.16
0	Head	LTE B5	20625	836.5	25RB-Middle	Cheek Left	0mm	\	\	23.63	24.50	0.111	0.136	0.084	0.103	-0.15
0	Head	LTE B5	20625	836.5	25RB-Middle	Tilt Left	0mm	\	\	23.63	24.50	0.059	0.072	0.047	0.057	-0.01
0	Head	LTE B5	20625	836.5	25RB-Middle	Cheek Right	0mm	\	\	23.63	24.50	0.128	0.156	0.099	0.121	0.08
0	Head	LTE B5	20625	836.5	25RB-Middle	Tilt Right	0mm	\	\	23.63	24.50	0.071	0.087	0.056	0.068	0.16
0	Body	LTE B5	20600	844	1RB-Mid	Front	10mm	\	\	17.73	18.70	0.047	0.059	0.031	0.039	0.08
0	Body	LTE B5	20600	844	1RB-Mid	Rear	10mm	\	\	17.73	18.70	0.052	0.065	0.034	0.043	0.18
0	Body	LTE B5	20600	844	1RB-Mid	Right	10mm	\	\	17.73	18.70	0.053	0.066	0.037	0.046	0.08
0	Body	LTE B5	20600	844	1RB-Mid	Bottom	10mm	\	\	17.73	18.70	0.043	0.054	0.028	0.035	-0.13
0	Body	LTE B5	20625	836.5	25RB-High	Front	10mm	\	\	17.79	18.70	0.047	0.058	0.031	0.038	-0.09
0	Body	LTE B5	20625	836.5	25RB-High	Rear	10mm	\	\	17.79	18.70	0.056	0.069	0.037	0.046	-0.18
0	Body	LTE B5	20625	836.5	25RB-High	Right	10mm	FIG A.50	\	17.79	18.70	0.057	0.070	0.038	0.047	0.16
0	Body	LTE B5	20625	836.5	25RB-High	Bottom	10mm	\	\	17.79	18.70	0.041	0.051	0.026	0.032	0.02
0	Body	LTE B5	20600	844	1RB-Low	Front	15mm	\	\	23.83	24.70	0.124	0.152	0.085	0.104	0.17
0	Body	LTE B5	20600	844	1RB-Low	Rear	15mm	FIG A.51	\	23.83	24.70	0.141	0.172	0.094	0.115	0.12
0	Body	LTE B5	20625	836.5	25RB-Middle	Front	15mm	\	\	23.63	24.50	0.121	0.148	0.083	0.101	-0.05
0	Body	LTE B5	20625	836.5	25RB-Middle	Rear	15mm	\	\	23.63	24.50	0.140	0.171	0.092	0.112	-0.11
3	Head	LTE B5	20625	836.5	1RB-Middle	Cheek Left	0mm	\	\	20.52	21.70	0.287	0.377	0.166	0.218	0.11
3	Head	LTE B5	20625	836.5	1RB-Middle	Tilt Left	0mm	\	\	20.52	21.70	0.211	0.277	0.118	0.155	0.12
3	Head	LTE B5	20600	844	1RB-High	Cheek Right	0mm	\	\	20.50	21.70	0.609	0.803	0.331	0.436	-0.17
3	Head	LTE B5	20625	836.5	1RB-Middle	Cheek Right	0mm	\	\	20.52	21.70	0.618	0.811	0.337	0.442	-0.09
3	Head	LTE B5	20450	829	1RB-Low	Cheek Right	0mm	\	\	20.50	21.70	0.615	0.811	0.336	0.443	0.13
3	Head	LTE B5	20625	836.5	1RB-Middle	Tilt Right	0mm	\	\	20.52	21.70	0.444	0.583	0.216	0.283	0.15
3	Head	LTE B5	20625	836.5	25RB-Middle	Cheek Left	0mm	\	\	20.57	21.70	0.286	0.371	0.166	0.215	0.11
3	Head	LTE B5	20625	836.5	25RB-Middle	Tilt Left	0mm	\	\	20.57	21.70	0.212	0.275	0.119	0.154	-0.04
3	Head	LTE B5	20600	844	25RB-Low	Cheek Right	0mm	\	\	20.48	21.70	0.611	0.809	0.333	0.441	0.15
3	Head	LTE B5	20625	836.5	25RB-Middle	Cheek Right	0mm	FIG A.52	\	20.57	21.70	0.628	0.815	0.344	0.446	-0.05
3	Head	LTE B5	20450	829	25RB-Middle	Cheek Right	0mm	\	\	20.52	21.70	0.619	0.812	0.339	0.445	0.11
3	Head	LTE B5	20625	836.5	25RB-Middle	Tilt Right	0mm	\	\	20.57	21.70	0.442	0.573	0.215	0.279	0.12
3	Head	LTE B5	20625	836.5	100RB	Cheek Right	0mm	\	\	20.52	21.70	0.607	0.797	0.327	0.429	0.16
3	Body	LTE B5	20450	829	1RB-Low	Front	10mm	\	\	14.60	15.70	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B5	20450	829	1RB-Low	Rear	10mm	\	\	14.60	15.70	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B5	20450	829	1RB-Low	Left	10mm	FIG A.53	\	14.60	15.70	0.007	0.009	0.005	0.006	0.17
3	Body	LTE B5	20450	829	1RB-Low	Top	10mm	\	\	14.60	15.70	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B5	20450	829	25RB-Middle	Front	10mm	\	\	14.60	15.70	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B5	20450	829	25RB-Middle	Rear	10mm	\	\	14.60	15.70	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B5	20450	829	25RB-Middle	Left	10mm	\	\	14.60	15.70	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B5	20450	829	25RB-Middle	Top	10mm	\	\	14.60	15.70	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B5	20625	836.5	1RB-Middle	Front	15mm	FIG A.54	\	23.93	25.00	0.100	0.128	0.077	0.099	0.12
3	Body	LTE B5	20625	836.5	1RB-Middle	Rear	15mm	\	\	23.93	25.00	0.073	0.093	0.060	0.077	-0.13
3	Body	LTE B5	20625	836.5	25RB-Middle	Front	15mm	\	\	22.99	24.00	0.080	0.101	0.062	0.078	-0.09
3	Body	LTE B5	20625	836.5	25RB-Middle	Rear	15mm	\	\	22.99	24.00	0.058	0.073	0.048	0.061	0.08



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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 B7	20850	2510	1RB-High	Cheek Left	0mm	\	\	17.06	18.20	0.188	0.244	0.102	0.133	-0.1
4	Head	LTE B7	20850	2510	1RB-High	Tilt Left	0mm	\	\	17.06	18.20	0.235	0.306	0.121	0.157	0.1
4	Head	LTE B7	20850	2510	1RB-High	Cheek Right	0mm	\	\	17.06	18.20	0.325	0.423	0.149	0.194	-0.19
4	Head	LTE B7	20850	2510	1RB-High	Tilt Right	0mm	\	\	17.06	18.20	0.476	0.619	0.209	0.272	-0.19
4	Head	LTE B7	20850	2510	50RB-Middle	Cheek Left	0mm	\	\	17.12	18.20	0.196	0.251	0.106	0.136	0.09
4	Head	LTE B7	20850	2510	50RB-Middle	Tilt Left	0mm	\	\	17.12	18.20	0.240	0.308	0.124	0.159	0.08
4	Head	LTE B7	20850	2510	50RB-Middle	Cheek Right	0mm	\	\	17.12	18.20	0.483	0.619	0.204	0.262	-0.04
4	Head	LTE B7	20850	2510	50RB-Middle	Tilt Right	0mm	FIG A.55	\	17.12	18.20	0.534	0.685	0.228	0.292	-0.11
4	Head	LTE B7	20850	2510	1RB-High	Tilt Right	0mm	ULCA	\	17.02	18.20	0.491	0.644	0.208	0.273	0.02
4	Body	LTE B7	21100	2535	1RB-Middle	Front	10mm	\	\	11.09	12.20	0.034	0.044	0.018	0.023	0.09
4	Body	LTE B7	21100	2535	1RB-Middle	Rear	10mm	\	\	11.09	12.20	0.031	0.040	0.015	0.019	-0.02
4	Body	LTE B7	21100	2535	1RB-Middle	Left	10mm	\	\	11.09	12.20	0.032	0.041	0.016	0.021	0.04
4	Body	LTE B7	21100	2535	1RB-Middle	Top	10mm	\	\	11.09	12.20	0.060	0.077	0.029	0.037	-0.16
4	Body	LTE B7	21100	2535	50RB-High	Front	10mm	\	\	11.07	12.20	0.031	0.040	0.016	0.021	-0.06
4	Body	LTE B7	21100	2535	50RB-High	Rear	10mm	\	\	11.07	12.20	0.028	0.036	0.014	0.018	0.09
4	Body	LTE B7	21100	2535	50RB-High	Left	10mm	\	\	11.07	12.20	0.027	0.035	0.013	0.017	0.11
4	Body	LTE B7	21100	2535	50RB-High	Top	10mm	FIG A.56	\	11.07	12.20	0.061	0.079	0.029	0.038	0.08
4	Body	LTE B7	21350	2560	1RB-Low	Top	10mm	ULCA	\	11.06	12.20	0.058	0.075	0.026	0.034	0.15
4	Body	LTE B7	21350	2560	1RB-Middle	Front	15mm	FIG A.57	\	20.17	21.10	0.095	0.118	0.053	0.066	0.08
4	Body	LTE B7	21350	2560	1RB-Middle	Rear	15mm	\	\	20.17	21.10	0.089	0.110	0.048	0.059	-0.13
4	Body	LTE B7	21350	2560	50RB-High	Front	15mm	\	\	20.03	21.10	0.093	0.119	0.051	0.065	0.07
4	Body	LTE B7	21350	2560	50RB-High	Rear	15mm	\	\	20.03	21.10	0.089	0.114	0.048	0.061	0.13
4	Body	LTE B7	20850	2510	1RB-High	Front	15mm	ULCA	\	20.02	21.10	0.084	0.108	0.046	0.059	0.01
1	Head	LTE B7	21350	2560	1RB-High	Cheek Left	0mm	\	\	20.98	22.20	0.084	0.111	0.044	0.058	-0.07
1	Head	LTE B7	21350	2560	1RB-High	Tilt Left	0mm	\	\	20.98	22.20	0.034	0.045	0.017	0.023	-0.11
1	Head	LTE B7	21350	2560	1RB-High	Cheek Right	0mm	\	\	20.98	22.20	0.049	0.065	0.028	0.037	0.15
1	Head	LTE B7	21350	2560	1RB-High	Tilt Right	0mm	\	\	20.98	22.20	0.030	0.040	0.015	0.020	0.13
1	Head	LTE B7	21100	2535	50RB-Middle	Cheek Left	0mm	FIG A.58	\	21.14	22.20	0.097	0.124	0.051	0.065	0.1
1	Head	LTE B7	21100	2535	50RB-Middle	Tilt Left	0mm	\	\	21.14	22.20	0.036	0.046	0.018	0.023	-0.06
1	Head	LTE B7	21100	2535	50RB-Middle	Cheek Right	0mm	\	\	21.14	22.20	0.049	0.063	0.026	0.033	0.15
1	Head	LTE B7	21100	2535	50RB-Middle	Tilt Right	0mm	\	\	21.14	22.20	0.033	0.042	0.016	0.020	0.08
1	Head	LTE B7	20850	2510	1RB-High	Cheek Left	0mm	ULCA	\	21.12	22.20	0.091	0.117	0.048	0.062	0.16
1	Body	LTE B7	21350	2560	1RB-Middle	Front	10mm	\	\	15.19	16.20	0.059	0.074	0.030	0.038	-0.18
1	Body	LTE B7	21350	2560	1RB-Middle	Rear	10mm	\	\	15.19	16.20	0.079	0.100	0.039	0.049	-0.06
1	Body	LTE B7	21350	2560	1RB-Middle	Left	10mm	\	\	15.19	16.20	0.038	0.048	0.012	0.015	0.13
1	Body	LTE B7	21350	2560	1RB-Middle	Right	10mm	\	\	15.19	16.20	0.031	0.039	0.011	0.014	0.15
1	Body	LTE B7	21350	2560	1RB-Middle	Bottom	10mm	\	\	15.19	16.20	0.125	0.158	0.059	0.074	0.06
1	Body	LTE B7	20850	2510	50RB-Middle	Front	10mm	\	\	15.25	16.20	0.058	0.072	0.030	0.037	0.19
1	Body	LTE B7	20850	2510	50RB-Middle	Rear	10mm	\	\	15.25	16.20	0.082	0.102	0.041	0.051	-0.01
1	Body	LTE B7	20850	2510	50RB-Middle	Left	10mm	\	\	15.25	16.20	0.032	0.040	0.012	0.015	-0.02
1	Body	LTE B7	20850	2510	50RB-Middle	Right	10mm	\	\	15.25	16.20	0.041	0.051	0.013	0.016	0.08
1	Body	LTE B7	20850	2510	50RB-Middle	Bottom	10mm	FIG A.59	\	15.25	16.20	0.138	0.172	0.067	0.083	0.19
1	Body	LTE B7	20850	2510	1RB-High	Bottom	10mm	ULCA	\	15.17	16.20	0.125	0.158	0.061	0.077	0.02
1	Body	LTE B7	21350	2560	1RB-Middle	Front	15mm	\	\	21.31	22.40	0.144	0.185	0.082	0.105	0.06
1	Body	LTE B7	21350	2560	1RB-Middle	Rear	15mm	\	\	21.31	22.40	0.174	0.224	0.097	0.125	0.12
1	Body	LTE B7	21350	2560	50RB-High	Front	15mm	\	\	21.31	22.40	0.146	0.188	0.083	0.107	-0.01
1	Body	LTE B7	21350	2560	50RB-High	Rear	15mm	FIG A.60	\	21.31	22.40	0.216	0.278	0.116	0.149	0.02
1	Body	LTE B7	20850	2510	1RB-High	Rear	15mm	ULCA	\	21.28	22.40	0.209	0.270	0.111	0.144	0.09
2	Head	LTE B7	21100	2535	1RB-Middle	Cheek Left	0mm	\	\	19.58	20.90	0.392	0.531	0.184	0.249	0.02
2	Head	LTE B7	21100	2535	1RB-Middle	Tilt Left	0mm	\	Note1	19.58	20.90	0.086	0.117	0.048	0.065	0.17
2	Head	LTE B7	21100	2535	1RB-Middle	Cheek Right	0mm	FIG A.61	\	19.58	20.90	0.579	0.785	0.261	0.354	0.03
2	Head	LTE B7	21100	2535	1RB-Middle	Tilt Right	0mm	\	Note1	19.58	20.90	0.210	0.285	0.105	0.142	-0.13
2	Head	LTE B7	21100	2535	50RB-Low	Cheek Left	0mm	\	Note1	19.63	20.90	0.385	0.516	0.181	0.242	0.01
2	Head	LTE B7	21100	2535	50RB-Low	Tilt Left	0mm	\	Note1	19.63	20.90	0.089	0.119	0.048	0.064	-0.12
2	Head	LTE B7	21100	2535	50RB-Low	Cheek Right	0mm	\	Note1	19.63	20.90	0.574	0.769	0.259	0.347	0.09
2	Head	LTE B7	21100	2535	50RB-Low	Tilt Right	0mm	\	Note1	19.63	20.90	0.212	0.284	0.105	0.141	-0.04
2	Head	LTE B7	21100	2535	1RB-Middle	Cheek Left	0mm	\	Note2	14.45	15.90	0.009	0.013	0.003	0.004	0.16
2	Body	LTE B7	21100	2535	1RB-Middle	Front	10mm	\	\	13.39	14.70	0.033	0.045	0.015	0.020	-0.18
2	Body	LTE B7	21100	2535	1RB-Middle	Rear	10mm	\	\	13.39	14.70	0.032	0.043	0.016	0.022	0.1
2	Body	LTE B7	21100	2535	1RB-Middle	Left	10mm	FIG A.62	\	13.39	14.70	0.093	0.126	0.042	0.057	0.12
2	Body	LTE B7	21100	2535	50RB-Low	Front	10mm	\	\	13.49	14.70	0.037	0.049	0.017	0.022	0.04
2	Body	LTE B7	21100	2535	50RB-Low	Rear	10mm	\	\	13.49	14.70	0.030	0.040	0.015	0.020	0.04
2	Body	LTE B7	21100	2535	50RB-Low	Left	10mm	\	\	13.49	14.70	0.089	0.118	0.041	0.054	0.12
2	Body	LTE B7	20850	2510	1RB-Middle	Front	15mm	FIG A.63	\	19.38	20.70	0.092	0.125	0.045	0.061	-0.15
2	Body	LTE B7	20850	2510	1RB-Middle	Rear	15mm	\	\	19.38	20.70	0.084	0.114	0.045	0.061	-0.05
2	Body	LTE B7	20850	2510	50RB-High	Front	15mm	\	\	19.46	20.70	0.090	0.120	0.044	0.059	-0.12
2	Body	LTE B7	20850	2510	50RB-High	Rear	15mm	\	\	19.46	20.70	0.087	0.116	0.046	0.061	0.05
8	Head	LTE B7	21100	2535	1RB-Low	Cheek Left	0mm	\	\	16.95	17.80	0.363	0.441	0.159	0.193	0.1
8	Head	LTE B7	21100	2535	1RB-Low	Tilt Left	0mm	\	\	16.95	17.80	0.152	0.185	0.069	0.084	-0.15
8	Head	LTE B7	21100	2535	1RB-Low	Cheek Right	0mm	\	\	16.95	17.80	0.105	0.128	0.050	0.061	-0.13
8	Head	LTE B7	21100	2535	1RB-Low	Tilt Right	0mm	\	\	16.95	17.80	0.051	0.062	0.023	0.028	-0.14
8	Head	LTE B7	21100	2535	50RB-Middle	Cheek Left	0mm	FIG A.64	\	16.94	17.80	0.374	0.456	0.164	0.200	0.17
8	Head	LTE B7	21100	2535	50RB-Middle	Tilt Left	0mm	\	\	16.94	17.80	0.159	0.194	0.072	0.088	0.14
8	Head	LTE B7	21100	2535	50RB-Middle	Cheek Right	0mm	\	\	16.94	17.80	0.107	0.130	0.052	0.063	0.06
8	Head	LTE B7	21100	2535	50RB-Middle	Tilt Right	0mm	\	\	16.94	17.80	0.051	0.062	0.023	0.028	-0.18
8	Body	LTE B7	21100	2535	1RB-Middle	Front	10mm	\	\	11.02	11.80	0.042	0.050	0.023	0.028	-0.18
8	Body	LTE B7	21100	2535	1RB-Middle	Rear	10mm	\	\	11.02	11.80	0.037	0.044	0.020	0.024	-0.06
8	Body	LTE B7	21100	2535	1RB-Middle	Right	10mm	FIG A.65	\	11.02	11.80	0.075	0.090	0.033	0.039	0.12
8	Body	LTE B7	21100	2535	1RB-Middle	Top	10mm	\	\	11.02	11.80	0.029	0.035	0.011	0.013	0.16
8	Body	LTE B7	21100	2535	50RB-High	Front	10mm	\	\	11.20	11.80	0.038	0.044	0.020	0.023	0.08
8	Body	LTE B7	21100	2535	50RB-High	Rear	10mm	\	\	11.20	11.80	0.033	0.038	0.018	0.021	-0.13
8	Body	LTE B7	21100	2535	50RB-High	Right	10mm	\	\	11.20	11.80</					

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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 B12	23095	707.5	1RB-Low	Cheek Left	0mm	\	\	24.52	25.50	0.058	0.073	0.044	0.055	0.07
0	Head	LTE B12	23095	707.5	1RB-Low	Tilt Left	0mm	\	\	24.52	25.50	0.068	0.085	0.054	0.068	0.15
0	Head	LTE B12	23095	707.5	1RB-Low	Cheek Right	0mm	FIG A.67	\	24.52	25.50	0.119	0.149	0.094	0.118	0.02
0	Head	LTE B12	23095	707.5	1RB-Low	Tilt Right	0mm	\	\	24.52	25.50	0.062	0.078	0.049	0.061	-0.16
0	Head	LTE B12	23130	711	25RB-Middle	Cheek Left	0mm	\	\	23.56	24.50	0.066	0.082	0.050	0.062	0.16
0	Head	LTE B12	23130	711	25RB-Middle	Tilt Left	0mm	\	\	23.56	24.50	0.057	0.071	0.046	0.057	0.1
0	Head	LTE B12	23130	711	25RB-Middle	Cheek Right	0mm	\	\	23.56	24.50	0.102	0.127	0.081	0.101	0.03
0	Head	LTE B12	23130	711	25RB-Middle	Tilt Right	0mm	\	\	23.56	24.50	0.054	0.067	0.044	0.055	-0.13
0	Body	LTE B12	23060	704	1RB-Low	Front	10mm	\	\	18.23	19.10	<0.01	<0.01	<0.01	<0.01	
0	Body	LTE B12	23060	704	1RB-Low	Rear	10mm	FIG A.68	\	18.23	19.10	0.033	0.040	0.022	0.027	-0.06
0	Body	LTE B12	23060	704	1RB-Low	Right	10mm	\	\	18.23	19.10	<0.01	<0.01	<0.01	<0.01	
0	Body	LTE B12	23060	704	1RB-Low	Bottom	10mm	\	\	18.23	19.10	<0.01	<0.01	<0.01	<0.01	
0	Body	LTE B12	23060	704	25RB-Middle	Front	10mm	\	\	18.20	19.10	<0.01	<0.01	<0.01	<0.01	
0	Body	LTE B12	23060	704	25RB-Middle	Rear	10mm	\	\	18.20	19.10	<0.01	<0.01	<0.01	<0.01	
0	Body	LTE B12	23060	704	25RB-Middle	Right	10mm	\	\	18.20	19.10	<0.01	<0.01	<0.01	<0.01	
0	Body	LTE B12	23060	704	25RB-Middle	Bottom	10mm	\	\	18.20	19.10	<0.01	<0.01	<0.01	<0.01	
0	Body	LTE B12	23095	707.5	1RB-Low	Front	15mm	\	\	24.31	25.10	0.123	0.148	0.094	0.113	-0.04
0	Body	LTE B12	23095	707.5	1RB-Low	Rear	15mm	FIG A.69	\	24.31	25.10	0.132	0.158	0.100	0.120	-0.04
0	Body	LTE B12	23060	704	25RB-Middle	Front	15mm	\	\	23.74	24.50	0.104	0.124	0.079	0.094	0.07
0	Body	LTE B12	23060	704	25RB-Middle	Rear	15mm	\	\	23.74	24.50	0.119	0.142	0.089	0.106	0.18
3	Head	LTE B12	23130	711	1RB-Low	Cheek Left	0mm	\	\	21.78	22.90	0.238	0.308	0.137	0.177	-0.01
3	Head	LTE B12	23130	711	1RB-Low	Tilt Left	0mm	\	\	21.78	22.90	0.178	0.230	0.099	0.128	0.13
3	Head	LTE B12	23130	711	1RB-Low	Cheek Right	0mm	FIG A.70	\	21.78	22.90	0.484	0.626	0.262	0.339	0.04
3	Head	LTE B12	23130	711	1RB-Low	Tilt Right	0mm	\	\	21.78	22.90	0.342	0.443	0.174	0.225	0.17
3	Head	LTE B12	23130	711	25RB-Middle	Cheek Left	0mm	\	\	21.81	22.90	0.210	0.270	0.120	0.154	-0.04
3	Head	LTE B12	23130	711	25RB-Middle	Tilt Left	0mm	\	\	21.81	22.90	0.156	0.201	0.086	0.111	-0.07
3	Head	LTE B12	23130	711	25RB-Middle	Cheek Right	0mm	\	\	21.81	22.90	0.440	0.566	0.236	0.303	-0.07
3	Head	LTE B12	23130	711	25RB-Middle	Tilt Right	0mm	\	\	21.81	22.90	0.307	0.395	0.157	0.202	0.04
3	Body	LTE B12	23060	704	1RB-Low	Front	10mm	\	\	15.86	16.90	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B12	23060	704	1RB-Low	Rear	10mm	\	\	15.86	16.90	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B12	23060	704	1RB-Low	Left	10mm	FIG A.71	\	15.86	16.90	0.011	0.014	0.008	0.010	-0.05
3	Body	LTE B12	23060	704	1RB-Low	Top	10mm	\	\	15.86	16.90	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B12	23060	704	25RB-Middle	Front	10mm	\	\	15.79	16.90	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B12	23060	704	25RB-Middle	Rear	10mm	\	\	15.79	16.90	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B12	23060	704	25RB-Middle	Left	10mm	\	\	15.79	16.90	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B12	23060	704	25RB-Middle	Top	10mm	\	\	15.79	16.90	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B12	23130	711	1RB-Middle	Front	15mm	FIG A.72	\	23.83	25.00	0.148	0.194	0.115	0.151	-0.01
3	Body	LTE B12	23130	711	1RB-Middle	Rear	15mm	\	\	23.83	25.00	0.121	0.158	0.093	0.122	0.15
3	Body	LTE B12	23130	711	25RB-Middle	Front	15mm	\	\	22.91	24.00	0.121	0.156	0.093	0.120	-0.11
3	Body	LTE B12	23130	711	25RB-Middle	Rear	15mm	\	\	22.91	24.00	0.099	0.127	0.077	0.099	-0.03
0	Head	LTE B13	23230	782	1RB-Middle	Cheek Left	0mm	\	\	23.80	24.50	0.120	0.141	0.090	0.106	0.07
0	Head	LTE B13	23230	782	1RB-Middle	Tilt Left	0mm	\	\	23.80	24.50	0.082	0.096	0.066	0.078	-0.17
0	Head	LTE B13	23230	782	1RB-Middle	Cheek Right	0mm	FIG A.73	\	23.80	24.50	0.133	0.156	0.104	0.122	0.07
0	Head	LTE B13	23230	782	1RB-Middle	Tilt Right	0mm	\	\	23.80	24.50	0.093	0.109	0.073	0.086	0.12
0	Head	LTE B13	23230	782	25RB-Middle	Cheek Left	0mm	\	\	22.69	23.50	0.079	0.095	0.059	0.071	-0.1
0	Head	LTE B13	23230	782	25RB-Middle	Tilt Left	0mm	\	\	22.69	23.50	0.068	0.082	0.054	0.065	0.14
0	Head	LTE B13	23230	782	25RB-Middle	Cheek Right	0mm	\	\	22.69	23.50	0.109	0.131	0.085	0.102	-0.06
0	Head	LTE B13	23230	782	25RB-Middle	Tilt Right	0mm	\	\	22.69	23.50	0.074	0.089	0.059	0.071	0.18
0	Body	LTE B13	23230	782	1RB-Middle	Front	10mm	\	\	17.90	18.50	0.045	0.052	0.030	0.034	-0.04
0	Body	LTE B13	23230	782	1RB-Middle	Rear	10mm	\	\	17.90	18.50	0.045	0.052	0.030	0.034	-0.03
0	Body	LTE B13	23230	782	1RB-Middle	Right	10mm	FIG A.74	\	17.90	18.50	0.055	0.063	0.037	0.042	0.16
0	Body	LTE B13	23230	782	1RB-Middle	Bottom	10mm	\	\	17.90	18.50	0.038	0.044	0.026	0.030	-0.13
0	Body	LTE B13	23230	782	25RB-High	Front	10mm	\	\	17.81	18.50	0.046	0.054	0.030	0.035	-0.17
0	Body	LTE B13	23230	782	25RB-High	Rear	10mm	\	\	17.81	18.50	0.044	0.052	0.030	0.035	-0.12
0	Body	LTE B13	23230	782	25RB-High	Right	10mm	\	\	17.81	18.50	0.054	0.063	0.036	0.042	0.14
0	Body	LTE B13	23230	782	25RB-High	Bottom	10mm	\	\	17.81	18.50	0.036	0.042	0.025	0.029	0.12
0	Body	LTE B13	23230	782	1RB-Middle	Front	15mm	\	\	23.80	24.50	0.137	0.161	0.105	0.123	0.18
0	Body	LTE B13	23230	782	1RB-Middle	Rear	15mm	FIG A.75	\	23.80	24.50	0.155	0.182	0.116	0.136	0.11
0	Body	LTE B13	23230	782	25RB-Middle	Front	15mm	\	\	22.69	23.50	0.110	0.133	0.085	0.102	-0.08
0	Body	LTE B13	23230	782	25RB-Middle	Rear	15mm	\	\	22.69	23.50	0.124	0.149	0.095	0.114	-0.17
3	Head	LTE B13	23230	782	1RB-Middle	Cheek Left	0mm	\	\	22.84	24.10	0.107	0.143	0.063	0.084	0.1
3	Head	LTE B13	23230	782	1RB-Middle	Tilt Left	0mm	\	\	22.84	24.10	0.083	0.111	0.047	0.063	0.01
3	Head	LTE B13	23230	782	1RB-Middle	Cheek Right	0mm	FIG A.76	\	22.84	24.10	0.277	0.370	0.148	0.198	0.02
3	Head	LTE B13	23230	782	1RB-Middle	Tilt Right	0mm	\	\	22.84	24.10	0.182	0.243	0.088	0.118	-0.09
3	Head	LTE B13	23230	782	25RB-High	Cheek Left	0mm	\	\	21.89	24.10	0.083	0.138	0.048	0.080	0.14
3	Head	LTE B13	23230	782	25RB-High	Tilt Left	0mm	\	\	21.89	24.10	0.064	0.106	0.036	0.060	-0.05
3	Head	LTE B13	23230	782	25RB-High	Cheek Right	0mm	\	\	21.89	24.10	0.216	0.359	0.114	0.190	0.03
3	Head	LTE B13	23230	782	25RB-High	Tilt Right	0mm	\	\	21.89	24.10	0.141	0.235	0.068	0.113	0.12
3	Body	LTE B13	23230	782	1RB-Middle	Front	10mm	\	\	18.42	19.30	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B13	23230	782	1RB-Middle	Rear	10mm	\	\	18.42	19.30	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B13	23230	782	1RB-Middle	Left	10mm	\	\	18.42	19.30	0.026	0.032	0.017	0.021	0.07
3	Body	LTE B13	23230	782	1RB-Middle	Top	10mm	\	\	18.42	19.30	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B13	23230	782	25RB-Low	Front	10mm	\	\	18.46	19.30	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B13	23230	782	25RB-Low	Rear	10mm	\	\	18.46	19.30	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B13	23230	782	25RB-Low	Left	10mm	FIG A.77	\	18.46	19.30	0.029	0.035	0.020	0.024	-0.12
3	Body	LTE B13	23230	782	25RB-Low	Top	10mm	\	\	18.46	19.30	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B13	23230	782	1RB-Middle	Front	15mm	FIG A.78	\	22.84	24.10	0.136	0.182	0.105	0.140	-0.03
3	Body	LTE B13	23230	782	1RB-Middle	Rear	15mm	\	\	22.84	24.10	0.097	0.130	0.069	0.092	0.15
3	Body	LTE B13	23230	782	25RB-High	Front	15mm	\	\	21.89	24.10	0.101	0.168	0.078	0.130	-0.02
3	Body	LTE B13	23230	782	25RB-High	Rear	15mm	\	\	21.89	24.10	0.078	0.130	0.061	0.101	0.13

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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 B17	23800	711	1RB-Middle	Cheek Left	0mm	\	\	24.59	25.50	0.098	0.121	0.078	0.096	-0.08
0	Head	LTE B17	23800	711	1RB-Middle	Tilt Left	0mm	\	\	24.59	25.50	0.063	0.078	0.050	0.062	0.19
0	Head	LTE B17	23800	711	1RB-Middle	Cheek Right	0mm	FIG A.79	\	24.59	25.50	0.126	0.155	0.099	0.122	0.02
0	Head	LTE B17	23800	711	1RB-Middle	Tilt Right	0mm	\	\	24.59	25.50	0.068	0.094	0.054	0.067	-0.19
0	Head	LTE B17	23780	709	25RB-High	Cheek Left	0mm	\	\	23.66	24.50	0.074	0.094	0.055	0.067	-0.16
0	Head	LTE B17	23780	709	25RB-High	Tilt Left	0mm	\	\	23.66	24.50	0.049	0.059	0.039	0.047	-0.02
0	Head	LTE B17	23780	709	25RB-High	Cheek Right	0mm	\	\	23.66	24.50	0.098	0.119	0.078	0.095	-0.07
0	Head	LTE B17	23780	709	25RB-High	Tilt Right	0mm	\	\	23.66	24.50	0.051	0.062	0.041	0.050	0.18
0	Body	LTE B17	23780	709	1RB-Low	Front	10mm	\	\	18.34	19.20	0.032	0.039	0.022	0.027	0.14
0	Body	LTE B17	23780	709	1RB-Low	Rear	10mm	\	\	18.34	19.20	0.036	0.044	0.025	0.030	-0.06
0	Body	LTE B17	23780	709	1RB-Low	Right	10mm	\	\	18.34	19.20	0.055	0.067	0.038	0.046	-0.07
0	Body	LTE B17	23780	709	1RB-Low	Bottom	10mm	\	\	18.34	19.20	0.029	0.035	0.021	0.026	0.01
0	Body	LTE B17	23780	709	25RB-Middle	Front	10mm	\	\	18.32	19.20	0.035	0.043	0.025	0.031	0.16
0	Body	LTE B17	23780	709	25RB-Middle	Rear	10mm	\	\	18.32	19.20	0.033	0.040	0.022	0.027	-0.09
0	Body	LTE B17	23780	709	25RB-Middle	Right	10mm	FIG A.80	\	18.32	19.20	0.062	0.076	0.043	0.053	0.09
0	Body	LTE B17	23780	709	25RB-Middle	Bottom	10mm	\	\	18.32	19.20	0.031	0.038	0.022	0.027	0.08
0	Body	LTE B17	23800	711	1RB-Middle	Front	15mm	\	\	24.39	25.20	0.158	0.190	0.120	0.145	-0.17
0	Body	LTE B17	23800	711	1RB-Middle	Rear	15mm	FIG A.81	\	24.39	25.20	0.175	0.211	0.132	0.159	0.08
0	Body	LTE B17	23800	711	25RB-Low	Front	15mm	\	\	23.64	24.50	0.127	0.155	0.096	0.117	0.04
0	Body	LTE B17	23800	711	25RB-Low	Rear	15mm	\	\	23.64	24.50	0.138	0.168	0.104	0.127	-0.09
3	Head	LTE B17	23780	709	1RB-High	Cheek Left	0mm	\	\	21.74	23.00	0.166	0.222	0.094	0.126	0.03
3	Head	LTE B17	23780	709	1RB-High	Tilt Left	0mm	\	\	21.74	23.00	0.124	0.166	0.068	0.091	0.04
3	Head	LTE B17	23780	709	1RB-High	Cheek Right	0mm	\	\	21.74	23.00	0.363	0.485	0.198	0.265	0.01
3	Head	LTE B17	23780	709	1RB-High	Tilt Right	0mm	\	\	21.74	23.00	0.208	0.278	0.107	0.143	0.09
3	Head	LTE B17	23780	709	25RB-Middle	Cheek Left	0mm	\	\	21.80	23.00	0.201	0.265	0.113	0.149	-0.13
3	Head	LTE B17	23780	709	25RB-Middle	Tilt Left	0mm	\	\	21.80	23.00	0.151	0.199	0.083	0.109	0.09
3	Head	LTE B17	23780	709	25RB-Middle	Cheek Right	0mm	FIG A.82	\	21.80	23.00	0.430	0.567	0.233	0.307	0.12
3	Head	LTE B17	23780	709	25RB-Middle	Tilt Right	0mm	\	\	21.80	23.00	0.245	0.323	0.127	0.167	-0.03
3	Body	LTE B17	23790	710	1RB-Low	Front	10mm	\	\	15.91	17.00	<0.01	<-0.01	<-0.01	<-0.01	
3	Body	LTE B17	23790	710	1RB-Low	Rear	10mm	\	\	15.91	17.00	<0.01	<-0.01	<-0.01	<-0.01	
3	Body	LTE B17	23790	710	1RB-Low	Left	10mm	FIG A.83	\	15.91	17.00	0.013	0.017	0.009	0.012	0.11
3	Body	LTE B17	23790	710	1RB-Low	Top	10mm	\	\	15.91	17.00	<0.01	<-0.01	<-0.01	<-0.01	
3	Body	LTE B17	23790	710	25RB-High	Front	10mm	\	\	15.95	17.00	<0.01	<-0.01	<-0.01	<-0.01	
3	Body	LTE B17	23790	710	25RB-High	Rear	10mm	\	\	15.95	17.00	<0.01	<-0.01	<-0.01	<-0.01	
3	Body	LTE B17	23790	710	25RB-High	Left	10mm	\	\	15.95	17.00	<0.01	<-0.01	<-0.01	<-0.01	
3	Body	LTE B17	23790	710	25RB-High	Top	10mm	\	\	15.95	17.00	<0.01	<-0.01	<-0.01	<-0.01	
3	Body	LTE B17	23780	709	1RB-Middle	Front	15mm	FIG A.84	\	23.89	25.10	0.146	0.193	0.113	0.149	0.02
3	Body	LTE B17	23780	709	1RB-Middle	Rear	15mm	\	\	23.89	25.10	0.121	0.160	0.096	0.127	0.17
3	Body	LTE B17	23780	709	25RB-Middle	Front	15mm	\	\	22.90	24.10	0.097	0.128	0.077	0.102	0.05
3	Body	LTE B17	23780	709	25RB-Middle	Rear	15mm	\	\	22.90	24.10	0.079	0.104	0.062	0.082	0.13

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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 B25	26140	1860	1RB-High	Cheek Left	0mm	\	Note1	17.92	18.70	0.320	0.383	0.178	0.213	0.07
4	Head	LTE B25	26140	1860	1RB-High	Tilt Left	0mm	\	Note1	17.92	18.70	0.398	0.476	0.224	0.268	0.06
4	Head	LTE B25	26140	1860	1RB-High	Cheek Right	0mm	\	Note1	17.92	18.70	0.540	0.646	0.258	0.309	0.11
4	Head	LTE B25	26590	1905	1RB-Low	Tilt Right	0mm	\	Note1	17.58	18.70	0.663	0.858	0.291	0.377	0.15
4	Head	LTE B25	26365	1882.5	1RB-Middle	Tilt Right	0mm	\	Note1	17.44	18.70	0.641	0.857	0.273	0.365	0.11
4	Head	LTE B25	26140	1860	1RB-High	Tilt Right	0mm	\	Note1	17.92	18.70	0.724	0.866	0.323	0.387	0.01
4	Head	LTE B25	26140	1860	50RB-Middle	Cheek Left	0mm	\	Note1	17.63	18.70	0.352	0.450	0.197	0.252	0.13
4	Head	LTE B25	26140	1860	50RB-Middle	Tilt Left	0mm	\	Note1	17.63	18.70	0.441	0.564	0.242	0.310	0.17
4	Head	LTE B25	26140	1860	50RB-Low	Cheek Right	0mm	\	Note1	17.63	18.70	0.580	0.742	0.277	0.354	-0.13
4	Head	LTE B25	26590	1905	50RB-Middle	Tilt Right	0mm	\	Note1	17.54	18.70	0.649	0.848	0.288	0.376	0.12
4	Head	LTE B25	26365	1882.5	50RB-High	Tilt Right	0mm	\	Note1	17.55	18.70	0.727	0.947	0.320	0.417	0.12
4	Head	LTE B25	26140	1860	50RB-Middle	Tilt Right	0mm	FIG A.85	Note1	17.63	18.70	0.782	1.000	0.350	0.448	0.02
4	Head	LTE B25	26140	1860	100RB	Tilt Right	0mm	\	Note1	17.56	18.70	0.737	0.958	0.324	0.421	0.06
4	Head	LTE B25	26140	1860	50RB-Middle	Cheek Left	0mm	\	Note2	12.83	13.70	0.002	0.002	0.000	0.000	0.17
4	Head	LTE B25	26140	1860	50RB-Middle	Tilt Left	0mm	\	Note2	12.83	13.70	0.040	0.049	0.019	0.023	0.1
4	Body	LTE B25	26365	1882.5	1RB-Middle	Front	10mm	\	\	11.69	12.70	0.034	0.043	0.017	0.021	-0.03
4	Body	LTE B25	26365	1882.5	1RB-Middle	Rear	10mm	\	\	11.69	12.70	0.038	0.048	0.019	0.024	0.09
4	Body	LTE B25	26365	1882.5	1RB-Middle	Left	10mm	\	\	11.69	12.70	0.031	0.039	0.015	0.019	-0.07
4	Body	LTE B25	26365	1882.5	1RB-Middle	Top	10mm	\	\	11.69	12.70	0.084	0.106	0.045	0.057	-0.1
4	Body	LTE B25	26365	1882.5	50RB-High	Front	10mm	\	\	11.75	12.70	0.036	0.045	0.018	0.022	-0.11
4	Body	LTE B25	26365	1882.5	50RB-High	Rear	10mm	\	\	11.75	12.70	0.040	0.050	0.020	0.025	-0.01
4	Body	LTE B25	26365	1882.5	50RB-High	Left	10mm	\	\	11.75	12.70	0.033	0.041	0.016	0.020	-0.09
4	Body	LTE B25	26365	1882.5	50RB-High	Top	10mm	FIG A.86	\	11.75	12.70	0.092	0.114	0.050	0.062	-0.07
4	Body	LTE B25	26140	1860	1RB-Middle	Front	15mm	\	\	22.33	23.50	0.219	0.287	0.135	0.177	0.04
4	Body	LTE B25	26140	1860	1RB-Middle	Rear	15mm	\	\	22.33	23.50	0.305	0.399	0.189	0.247	-0.14
4	Body	LTE B25	26140	1860	50RB-Middle	Front	15mm	\	\	22.32	23.50	0.223	0.293	0.138	0.181	-0.01
4	Body	LTE B25	26140	1860	50RB-Middle	Rear	15mm	FIG A.87	\	22.32	23.50	0.306	0.402	0.192	0.252	0.04
1	Head	LTE B25	26140	1860	1RB-Middle	Cheek Left	0mm	FIG A.88	\	23.34	24.50	0.142	0.185	0.089	0.116	0.03
1	Head	LTE B25	26140	1860	1RB-Middle	Tilt Left	0mm	\	\	23.34	24.50	0.037	0.048	0.023	0.030	0.14
1	Head	LTE B25	26140	1860	1RB-Middle	Cheek Right	0mm	\	\	23.34	24.50	0.057	0.074	0.036	0.047	0.15
1	Head	LTE B25	26140	1860	1RB-Middle	Tilt Right	0mm	\	\	23.34	24.50	0.032	0.042	0.020	0.026	-0.19
1	Head	LTE B25	26140	1860	50RB-Middle	Cheek Left	0mm	\	\	22.35	23.50	0.118	0.154	0.073	0.095	-0.17
1	Head	LTE B25	26140	1860	50RB-Middle	Tilt Left	0mm	\	\	22.35	23.50	0.039	0.051	0.025	0.033	-0.14
1	Head	LTE B25	26140	1860	50RB-Middle	Cheek Right	0mm	\	\	22.35	23.50	0.050	0.065	0.032	0.042	-0.01
1	Head	LTE B25	26140	1860	50RB-Middle	Tilt Right	0mm	\	\	22.35	23.50	0.030	0.039	0.019	0.025	-0.1
1	Body	LTE B25	26590	1905	1RB-Low	Front	10mm	\	\	15.82	16.80	0.090	0.113	0.051	0.064	-0.01
1	Body	LTE B25	26590	1905	1RB-Low	Rear	10mm	\	\	15.82	16.80	0.131	0.164	0.074	0.093	-0.14
1	Body	LTE B25	26590	1905	1RB-Low	Left	10mm	\	\	15.82	16.80	0.052	0.065	0.029	0.036	0.17
1	Body	LTE B25	26590	1905	1RB-Low	Right	10mm	\	\	15.82	16.80	0.038	0.048	0.021	0.026	0.13
1	Body	LTE B25	26590	1905	1RB-Low	Bottom	10mm	\	\	15.82	16					



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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 B26	26965	841.5	1RB-Low	Cheek Left	0mm	\	\	24.87	25.50	0.164	0.190	0.120	0.139	0.07
0	Head	LTE B26	26965	841.5	1RB-Low	Tilt Left	0mm	\	\	24.87	25.50	0.090	0.104	0.068	0.079	-0.13
0	Head	LTE B26	26965	841.5	1RB-Low	Cheek Right	0mm	FIG A.91	\	24.87	25.50	0.185	0.214	0.142	0.164	0.1
0	Head	LTE B26	26965	841.5	1RB-Low	Tilt Right	0mm	\	\	24.87	25.50	0.103	0.119	0.080	0.092	0.12
0	Head	LTE B26	26965	841.5	36RB-High	Cheek Left	0mm	\	\	23.69	24.50	0.148	0.178	0.108	0.130	0.15
0	Head	LTE B26	26965	841.5	36RB-High	Tilt Left	0mm	\	\	23.69	24.50	0.073	0.088	0.056	0.067	-0.08
0	Head	LTE B26	26965	841.5	36RB-High	Cheek Right	0mm	\	\	23.69	24.50	0.157	0.189	0.119	0.143	0.13
0	Head	LTE B26	26965	841.5	36RB-High	Tilt Right	0mm	\	\	23.69	24.50	0.090	0.108	0.069	0.083	0.18
0	Body	LTE B26	26865	831.5	1RB-High	Front	10mm	\	\	18.01	18.90	0.046	0.056	0.031	0.038	-0.05
0	Body	LTE B26	26865	831.5	1RB-High	Rear	10mm	\	\	18.01	18.90	0.053	0.065	0.034	0.042	0.14
0	Body	LTE B26	26865	831.5	1RB-High	Right	10mm	\	\	18.01	18.90	0.054	0.066	0.036	0.044	-0.13
0	Body	LTE B26	26865	831.5	1RB-High	Bottom	10mm	\	\	18.01	18.90	0.033	0.041	0.021	0.026	0.09
0	Body	LTE B26	26965	841.5	36RB-Low	Front	10mm	\	\	17.97	18.90	0.047	0.058	0.031	0.038	0.04
0	Body	LTE B26	26965	841.5	36RB-Low	Rear	10mm	\	\	17.97	18.90	0.055	0.068	0.035	0.043	0.08
0	Body	LTE B26	26965	841.5	36RB-Low	Right	10mm	FIG A.92	\	17.97	18.90	0.056	0.069	0.037	0.046	0.16
0	Body	LTE B26	26965	841.5	36RB-Low	Bottom	10mm	\	\	17.97	18.90	0.028	0.035	0.017	0.021	-0.12
0	Body	LTE B26	26965	841.5	1RB-Low	Front	15mm	\	\	24.15	24.90	0.110	0.131	0.075	0.089	-0.03
0	Body	LTE B26	26965	841.5	1RB-Low	Rear	15mm	FIG A.93	\	24.15	24.90	0.135	0.160	0.090	0.107	0.01
0	Body	LTE B26	26965	841.5	36RB-Low	Front	15mm	\	\	23.62	24.50	0.106	0.130	0.072	0.088	0.16
0	Body	LTE B26	26965	841.5	36RB-Low	Rear	15mm	\	\	23.62	24.50	0.127	0.156	0.083	0.102	-0.12
3	Head	LTE B26	26775	822.5	1RB-Low	Cheek Left	0mm	\	\	19.98	21.00	0.211	0.267	0.127	0.161	-0.04
3	Head	LTE B26	26775	822.5	1RB-Low	Tilt Left	0mm	\	\	19.98	21.00	0.147	0.186	0.085	0.108	0.05
3	Head	LTE B26	26775	822.5	1RB-Low	Cheek Right	0mm	\	\	19.98	21.00	0.423	0.535	0.224	0.283	-0.16
3	Head	LTE B26	26775	822.5	1RB-Low	Tilt Right	0mm	\	\	19.98	21.00	0.301	0.381	0.154	0.195	-0.12
3	Head	LTE B26	26775	822.5	36RB-High	Cheek Left	0mm	\	\	19.83	21.00	0.248	0.325	0.149	0.195	0.06
3	Head	LTE B26	26775	822.5	36RB-High	Tilt Left	0mm	\	\	19.83	21.00	0.179	0.234	0.103	0.135	0.09
3	Head	LTE B26	26775	822.5	36RB-High	Cheek Right	0mm	FIG A.94	\	19.83	21.00	0.492	0.644	0.265	0.347	0.14
3	Head	LTE B26	26775	822.5	36RB-High	Tilt Right	0mm	\	\	19.83	21.00	0.349	0.457	0.178	0.233	-0.06
3	Body	LTE B26	26965	841.5	1RB-Low	Front	10mm	\	\	13.89	15.00	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B26	26965	841.5	1RB-Low	Rear	10mm	\	\	13.89	15.00	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B26	26965	841.5	1RB-Low	Left	10mm	\	\	13.89	15.00	0.007	0.009	0.005	0.006	0.11
3	Body	LTE B26	26965	841.5	1RB-Low	Top	10mm	\	\	13.89	15.00	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B26	26775	822.5	36RB-Middle	Front	10mm	\	\	13.98	15.00	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B26	26775	822.5	36RB-Middle	Rear	10mm	\	\	13.98	15.00	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B26	26775	822.5	36RB-Middle	Left	10mm	FIG A.95	\	13.98	15.00	0.008	0.010	0.005	0.006	-0.18
3	Body	LTE B26	26775	822.5	36RB-Middle	Bottom	10mm	\	\	13.98	15.00	<0.01	<0.01	<0.01	<0.01	
3	Body	LTE B26	26865	831.5	1RB-Low	Front	15mm	FIG A.96	\	24.05	25.00	0.093	0.116	0.063	0.078	-0.01
3	Body	LTE B26	26865	831.5	1RB-Low	Rear	15mm	\	\	24.05	25.00	0.072	0.090	0.051	0.063	0.14
3	Body	LTE B26	26865	831.5	36RB-High	Front	15mm	\	\	22.96	24.00	0.077	0.098	0.051	0.065	0.01
3	Body	LTE B26	26865	831.5	36RB-High	Rear	15mm	\	\	22.96	24.00	0.058	0.074	0.042	0.053	0.18

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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 B38	38150	2610	1RB-Low	Cheek Left	0mm	\	Note1	18.83	19.30	0.257	0.286	0.125	0.139	-0.17
4	Head	LTE B38	38150	2610	1RB-Low	Tilt Left	0mm	\	Note1	18.83	19.30	0.388	0.432	0.176	0.196	0.01
4	Head	LTE B38	38150	2610	1RB-Low	Cheek Right	0mm	\	Note1	18.83	19.30	0.499	0.556	0.197	0.220	-0.08
4	Head	LTE B38	38150	2610	1RB-Low	Tilt Right	0mm	\	Note1	18.83	19.30	0.674	0.751	0.265	0.295	0.12
4	Head	LTE B38	38150	2610	50RB-Middle	Cheek Left	0mm	\	Note1	18.87	19.30	0.256	0.283	0.126	0.139	-0.08
4	Head	LTE B38	38150	2610	50RB-Middle	Tilt Left	0mm	\	Note1	18.87	19.30	0.411	0.454	0.184	0.203	0.1
4	Head	LTE B38	38150	2610	50RB-Middle	Cheek Right	0mm	\	Note1	18.87	19.30	0.515	0.569	0.202	0.223	0.17
4	Head	LTE B38	38150	2610	50RB-Middle	Tilt Right	0mm	FIG A. 97	Note1	18.87	19.30	0.699	0.772	0.271	0.299	-0.05
4	Head	LTE B38	38150	2610	1RB-Low	Tilt Right	0mm	ULCA	Note1	18.59	19.30	0.647	0.762	0.249	0.293	0.12
4	Head	LTE B38	38150	2610	50RB-Middle	Tilt Left	0mm	\	Note2	13.63	14.30	<0.01	<0.01	<0.01	<0.01	
4	Body	LTE B38	38150	2610	1RB-Low	Front	10mm	\	\	12.54	13.30	0.018	0.021	0.004	0.005	-0.05
4	Body	LTE B38	38150	2610	1RB-Low	Rear	10mm	\	\	12.54	13.30	0.021	0.025	0.005	0.006	-0.12
4	Body	LTE B38	38150	2610	1RB-Low	Left	10mm	\	\	12.54	13.30	0.030	0.036	0.007	0.008	0.16
4	Body	LTE B38	38150	2610	1RB-Low	Top	10mm	\	\	12.54	13.30	0.040	0.048	0.019	0.023	0.11
4	Body	LTE B38	38150	2610	50RB-Middle	Front	10mm	\	\	12.58	13.30	0.022	0.026	0.005	0.006	0.04
4	Body	LTE B38	38150	2610	50RB-Middle	Rear	10mm	\	\	12.58	13.30	0.024	0.028	0.007	0.008	-0.02
4	Body	LTE B38	38150	2610	50RB-Middle	Left	10mm	\	\	12.58	13.30	0.029	0.034	0.007	0.008	-0.11
4	Body	LTE B38	38150	2610	50RB-Middle	Top	10mm	FIG A. 98	\	12.58	13.30	0.041	0.048	0.019	0.022	-0.02
4	Body	LTE B38	38150	2610	1RB-Low	Top	10mm	ULCA	\	12.57	13.30	0.037	0.044	0.017	0.020	0.06
4	Body	LTE B38	38150	2610	1RB-Low	Front	15mm	FIG A. 99	\	22.83	23.60	0.101	0.121	0.056	0.067	0.04
4	Body	LTE B38	38150	2610	1RB-Low	Rear	15mm	\	\	22.83	23.60	0.080	0.096	0.040	0.056	-0.15
4	Body	LTE B38	38150	2610	50RB-High	Front	15mm	\	\	22.88	23.60	0.083	0.098	0.048	0.057	-0.12
4	Body	LTE B38	38150	2610	50RB-High	Rear	15mm	\	\	22.88	23.60	0.069	0.081	0.040	0.047	0.03
4	Body	LTE B38	38150	2610	1RB-Low	Front	15mm	ULCA	\	22.81	23.60	0.093	0.112	0.051	0.061	0.11
1	Head	LTE B38	37850	2580	1RB-Low	Cheek Left	0mm	FIG A. 100	\	23.50	24.20	0.111	0.130	0.057	0.067	0.1
1	Head	LTE B38	37850	2580	1RB-Low	Tilt Left	0mm	\	\	23.50	24.20	0.067	0.079	0.036	0.042	0.05
1	Head	LTE B38	37850	2580	1RB-Low	Cheek Right	0mm	\	\	23.50	24.20	0.067	0.079	0.038	0.045	-0.04
1	Head	LTE B38	37850	2580	1RB-Low	Tilt Right	0mm	\	\	23.50	24.20	0.056	0.066	0.029	0.034	-0.09
1	Head	LTE B38	37850	2580	50RB-Low	Cheek Left	0mm	\	\	23.48	24.20	0.090	0.106	0.048	0.057	0.13
1	Head	LTE B38	37850	2580	50RB-Low	Tilt Left	0mm	\	\	23.48	24.20	0.061	0.072	0.030	0.035	0.01
1	Head	LTE B38	37850	2580	50RB-Low	Cheek Right	0mm	\	\	23.48	24.20	0.056	0.066	0.032	0.038	0.16
1	Head	LTE B38	37850	2580	50RB-Low	Tilt Right	0mm	\	\	23.48	24.20	0.052	0.061	0.028	0.033	0.09
1	Head	LTE B38	38150	2610	1RB-Low	Cheek Left	0mm	ULCA	\	23.10	24.20	0.096	0.124	0.049	0.063	0.05
1	Body	LTE B38	37850	2580	1RB-Low	Front	10mm	\	\	17.08	17.90	0.072	0.087	0.027	0.033	-0.16
1	Body	LTE B38	37850	2580	1RB-Low	Rear	10mm	\	\	17.08	17.90	0.076	0.092	0.039	0.047	-0.07
1	Body	LTE B38	37850	2580	1RB-Low	Left	10mm	\	\	17.08	17.90	0.044	0.053	0.012	0.014	0.17
1	Body	LTE B38	37850	2580	1RB-Low	Right	10mm	\	\	17.08	17.90	0.056	0.068	0.016	0.019	0.04
1	Body	LTE B38	37850	2580	1RB-Low	Bottom	10mm	FIG A. 101	\	17.08	17.90	0.126	0.152	0.061	0.074	0.05
1	Body	LTE B38	37850	2580	50RB-Low	Front	10mm	\	\	17.11	17.90	0.055	0.066	0.029	0.035	-0.07
1	Body	LTE B38	37850	2580	50RB-Low	Rear	10mm	\	\	17.11	17.90	0.075	0.090	0.037	0.044	-0.11
1	Body	LTE B38	37850	2580	50RB-Low	Left	10mm	\	\	17.11	17.90	0.042	0.050	0.011	0.013	-0.19
1	Body	LTE B38	37850	2580	50RB-Low	Right	10mm	\	\	17.11	17.90	0.055	0.066	0.016	0.019	-0.06
1	Body	LTE B38	37850	2580	50RB-Low	Bottom	10mm	\	\	17.11	17.90	0.118	0.142	0.057	0.068	0.09
1	Body	LTE B38	38150	2610	1RB-Low	Bottom	10mm	ULCA	\	17.04	17.90	0.114	0.139	0.058	0.071	0.14
1	Body	LTE B38	37850	2580	1RB-Low	Front	15mm	\	\	23.14	23.90	0.131	0.156	0.072	0.086	0.07
1	Body	LTE B38	37850	2580	1RB-Low	Rear	15mm	FIG A. 102	\	23.14	23.90	0.178	0.212	0.095	0.113	0.09
1	Body	LTE B38	37850	2580	50RB-Low	Front	15mm	\	\	23.15	23.90	0.096	0.114	0.054	0.064	0.15
1	Body	LTE B38	37850	2580	50RB-Low	Rear	15mm	\	\	23.15	23.90	0.140	0.166	0.076	0.090	-0.07
1	Body	LTE B38	38150	2610	1RB-Low	Rear	15mm	ULCA	\	22.89	23.90	0.163	0.206	0.087	0.110	0.16
2	Head	LTE B38	38150	2610	1RB-Low	Cheek Left	0mm	\	Note1	22.45	22.60	0.491	0.508	0.219	0.227	-0.16
2	Head	LTE B38	38150	2610	1RB-Low	Tilt Left	0mm	\	Note1	22.45	22.60	0.133	0.138	0.066	0.068	0.13
2	Head	LTE B38	38150	2610	1RB-Low	Cheek Right	0mm	FIG A. 103	Note1	22.45	22.60	0.543	0.562	0.242	0.251	0.18
2	Head	LTE B38	38150	2610	1RB-Low	Tilt Right	0mm	\	Note1	22.45	22.60	0.278	0.288	0.130	0.135	-0.14
2	Head	LTE B38	38150	2610	50RB-High	Cheek Left	0mm	\	Note1	21.57	22.40	0.390	0.472	0.174	0.211	0.03
2	Head	LTE B38	38150	2610	50RB-High	Tilt Left	0mm	\	Note1	21.57	22.40	0.110	0.133	0.055	0.067	-0.05
2	Head	LTE B38	38150	2610	50RB-High	Cheek Right	0mm	\	Note1	21.57	22.40	0.425	0.515	0.192	0.232	0.07
2	Head	LTE B38	38150	2610	50RB-High	Tilt Right	0mm	\	Note1	21.57	22.40	0.228	0.276	0.106	0.128	-0.02
2	Head	LTE B38	38000	2595	1RB-Low	Cheek Left	0mm	\	Note2	16.36	17.60	<0.01	<0.01	<0.01	<0.01	
2	Body	LTE B38	38150	2610	1RB-Low	Front	10mm	\	\	15.67	16.60	0.034	0.042	0.016	0.020	0.01
2	Body	LTE B38	38150	2610	1RB-Low	Rear	10mm	\	\	15.67	16.60	0.034	0.042	0.016	0.020	0.13
2	Body	LTE B38	38150	2610	1RB-Low	Left	10mm	\	\	15.67	16.60	0.113	0.140	0.051	0.063	-0.15
2	Body	LTE B38	38150	2610	50RB-High	Front	10mm	\	\	15.73	16.60	0.036	0.044	0.017	0.021	-0.15
2	Body	LTE B38	38150	2610	50RB-High	Rear	10mm	\	\	15.73	16.60	0.036	0.044	0.018	0.022	-0.16
2	Body	LTE B38	38150	2610	50RB-High	Left	10mm	FIG A. 104	\	15.73	16.60	0.116	0.142	0.053	0.065	0.16
2	Body	LTE B38	38150	2610	1RB-Low	Front	15mm	FIG A. 105	\	22.45	22.60	0.084	0.087	0.043	0.045	-0.09
2	Body	LTE B38	38150	2610	1RB-Low	Rear	15mm	\	\	22.45	22.60	0.083	0.086	0.044	0.046	0.14
2	Body	LTE B38	38150	2610	50RB-High	Front	15mm	\	\	21.57	22.40	0.070	0.085	0.034	0.041	0.16
2	Body	LTE B38	38150	2610	50RB-High	Rear	15mm	\	\	21.57	22.40	0.071	0.086	0.036	0.044	-0.19
8	Head	LTE B38	38150	2610	1RB-Low	Cheek Left	0mm	FIG A. 106	\	18.81	20.20	0.184	0.253	0.078	0.107	0.18
8	Head	LTE B38	38150	2610	1RB-Low	Tilt Left	0mm	\	\	18.81	20.20	0.076	0.105	0.036	0.050	0.03
8	Head	LTE B38	38150	2610	1RB-Low	Cheek Right	0mm	\	\	18.81	20.20	0.049	0.067	0.024	0.033	-0.14
8	Head	LTE B38	38150	2610	1RB-Low	Tilt Right	0mm	\	\	18.81	20					



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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 B41 PC3	40620	2593	1RB-Low	Cheek Left	0mm	\	\	18.61	19.30	0.216	0.253	0.105	0.123	0.09
4	Head	LTE B41 PC3	40620	2593	1RB-Low	Tilt Left	0mm	\	\	18.61	19.30	0.337	0.395	0.154	0.181	0.01
4	Head	LTE B41 PC3	40620	2593	1RB-Low	Cheek Right	0mm	\	\	18.61	19.30	0.413	0.484	0.170	0.199	-0.12
4	Head	LTE B41 PC3	40620	2593	1RB-Low	Tilt Right	0mm	FIG A.109	\	18.61	19.30	0.526	0.617	0.209	0.245	0.09
4	Head	LTE B41 PC3	41490	2680	50RB-Middle	Cheek Left	0mm	\	\	18.61	19.30	0.224	0.263	0.105	0.123	-0.09
4	Head	LTE B41 PC3	41490	2680	50RB-Middle	Tilt Left	0mm	\	\	18.61	19.30	0.338	0.396	0.148	0.173	0.1
4	Head	LTE B41 PC3	41490	2680	50RB-Middle	Cheek Right	0mm	\	\	18.61	19.30	0.387	0.454	0.165	0.193	-0.09
4	Head	LTE B41 PC3	41490	2680	50RB-Middle	Tilt Right	0mm	\	\	18.61	19.30	0.515	0.604	0.205	0.240	-0.1
4	Head	LTE B41 PC3	41490	2680	1RB-Low	Tilt Right	0mm	ULCA	\	18.57	19.30	0.511	0.605	0.193	0.228	0.11
4	Body	LTE B41 PC3	41490	2680	1RB-Low	Front	10mm	\	\	12.92	13.30	0.033	0.036	0.009	0.010	0.18
4	Body	LTE B41 PC3	41490	2680	1RB-Low	Rear	10mm	\	\	12.92	13.30	0.039	0.043	0.010	0.011	0.18
4	Body	LTE B41 PC3	41490	2680	1RB-Low	Left	10mm	\	\	12.92	13.30	0.030	0.033	0.007	0.008	0.01
4	Body	LTE B41 PC3	41490	2680	1RB-Low	Top	10mm	FIG A.110	\	12.92	13.30	0.048	0.052	0.022	0.024	0.12
4	Body	LTE B41 PC3	41490	2680	50RB-High	Front	10mm	\	\	12.88	13.30	0.030	0.033	0.008	0.009	0.1
4	Body	LTE B41 PC3	41490	2680	50RB-High	Rear	10mm	\	\	12.88	13.30	0.043	0.047	0.011	0.012	0.08
4	Body	LTE B41 PC3	41490	2680	50RB-High	Left	10mm	\	\	12.88	13.30	0.031	0.034	0.008	0.009	-0.09
4	Body	LTE B41 PC3	41490	2680	50RB-High	Rear	10mm	\	\	12.88	13.30	0.039	0.043	0.021	0.023	0.13
4	Body	LTE B41 PC3	41490	2680	1RB-Low	Top	10mm	ULCA	\	12.67	13.30	0.041	0.047	0.019	0.022	0.07
4	Body	LTE B41 PC3	41490	2680	1RB-Low	Front	15mm	FIG A.111	\	22.78	23.60	0.109	0.132	0.059	0.071	0.05
4	Body	LTE B41 PC3	41490	2680	1RB-Low	Rear	15mm	\	\	22.78	23.60	0.082	0.099	0.046	0.056	0.02
4	Body	LTE B41 PC3	41490	2680	50RB-High	Front	15mm	\	\	22.81	23.60	0.108	0.130	0.061	0.073	-0.19
4	Body	LTE B41 PC3	41490	2680	50RB-High	Rear	15mm	\	\	22.81	23.60	0.076	0.091	0.042	0.050	-0.05
4	Body	LTE B41 PC3	41490	2680	1RB-Low	Front	15mm	ULCA	\	22.72	23.60	0.101	0.124	0.052	0.064	0.16
1	Head	LTE B41 PC3	41055	2636.5	1RB-High	Cheek Left	0mm	\	\	23.46	24.20	0.102	0.121	0.053	0.063	0.13
1	Head	LTE B41 PC3	41055	2636.5	1RB-High	Tilt Left	0mm	\	\	23.46	24.20	0.040	0.047	0.020	0.024	0.1
1	Head	LTE B41 PC3	41055	2636.5	1RB-High	Cheek Right	0mm	\	\	23.46	24.20	0.059	0.070	0.034	0.040	-0.19
1	Head	LTE B41 PC3	41055	2636.5	1RB-High	Tilt Right	0mm	\	\	23.46	24.20	0.043	0.051	0.022	0.026	0.15
1	Head	LTE B41 PC3	40185	2549.5	50RB-Low	Cheek Left	0mm	FIG A.112	\	23.46	24.20	0.107	0.127	0.056	0.066	0.1
1	Head	LTE B41 PC3	40185	2549.5	50RB-Low	Tilt Left	0mm	\	\	23.46	24.20	0.038	0.045	0.018	0.021	-0.02
1	Head	LTE B41 PC3	40185	2549.5	50RB-Low	Cheek Right	0mm	\	\	23.46	24.20	0.057	0.068	0.032	0.038	0.12
1	Head	LTE B41 PC3	40185	2549.5	50RB-Low	Tilt Right	0mm	\	\	23.46	24.20	0.043	0.051	0.022	0.026	0.04
1	Head	LTE B41 PC3	41490	2680	1RB-Low	Cheek Left	0mm	ULCA	\	23.37	24.20	0.095	0.115	0.048	0.058	0.12
1	Body	LTE B41 PC3	41055	2636.5	1RB-Middle	Front	10mm	\	\	17.09	17.90	0.048	0.058	0.018	0.022	-0.15
1	Body	LTE B41 PC3	41055	2636.5	1RB-Middle	Rear	10mm	\	\	17.09	17.90	0.061	0.074	0.031	0.037	0.03
1	Body	LTE B41 PC3	41055	2636.5	1RB-Middle	Left	10mm	\	\	17.09	17.90	0.051	0.061	0.016	0.019	0.01
1	Body	LTE B41 PC3	41055	2636.5	1RB-Middle	Right	10mm	\	\	17.09	17.90	0.035	0.042	0.010	0.012	-0.04
1	Body	LTE B41 PC3	41055	2636.5	1RB-Middle	Bottom	10mm	\	\	17.09	17.90	0.091	0.110	0.044	0.053	0.14
1	Body	LTE B41 PC3	41055	2636.5	50RB-Low	Front	10mm	\	\	17.11	17.90	0.050	0.060	0.020	0.024	0.01
1	Body	LTE B41 PC3	41055	2636.5	50RB-Low	Rear	10mm	\	\	17.11	17.90	0.064	0.077	0.032	0.038	0.05
1	Body	LTE B41 PC3	41055	2636.5	50RB-Low	Left	10mm	\	\	17.11	17.90	0.029	0.035	0.008	0.010	0.14
1	Body	LTE B41 PC3	41055	2636.5	50RB-Low	Right	10mm	\	\	17.11	17.90	0.047	0.056	0.015	0.018	-0.12
1	Body	LTE B41 PC3	41055	2636.5	50RB-Low	Bottom	10mm	FIG A.113	\	17.11	17.90	0.122	0.146	0.060	0.072	0.02
1	Body	LTE B41 PC3	41490	2680	1RB-Low	Bottom	10mm	ULCA	\	17.07	17.90	0.113	0.137	0.054	0.065	0.19
1	Body	LTE B41 PC3	41055	2636.5	1RB-Low	Front	15mm	\	\	23.16	23.90	0.126	0.149	0.068	0.081	0.07
1	Body	LTE B41 PC3	41055	2636.5	1RB-Low	Rear	15mm	FIG A.114	\	23.16	23.90	0.167	0.198	0.088	0.104	0.09
1	Body	LTE B41 PC3	41055	2636.5	50RB-Middle	Front	15mm	\	\	23.11	23.90	0.117	0.140	0.064	0.077	0.15
1	Body	LTE B41 PC3	41055	2636.5	50RB-Middle	Rear	15mm	\	\	23.11	23.90	0.161	0.193	0.085	0.102	-0.12
1	Body	LTE B41 PC3	41490	2680	1RB-Low	Rear	15mm	ULCA	\	23.05	23.90	0.151	0.184	0.079	0.096	0.02
2	Head	LTE B41 PC3	41490	2680	1RB-Low	Cheek Left	0mm	\	\	21.81	22.60	0.358	0.429	0.153	0.184	0.07
2	Head	LTE B41 PC3	41490	2680	1RB-Low	Tilt Left	0mm	\	\	21.81	22.60	0.116	0.139	0.053	0.064	-0.01
2	Head	LTE B41 PC3	41490	2680	1RB-Low	Cheek Right	0mm	FIG A.115	\	21.81	22.60	0.442	0.530	0.187	0.224	0.17
2	Head	LTE B41 PC3	41490	2680	1RB-Low	Tilt Right	0mm	\	\	21.81	22.60	0.266	0.319	0.114	0.137	-0.03
2	Head	LTE B41 PC3	41490	2680	50RB-High	Cheek Left	0mm	\	\	21.55	22.40	0.337	0.410	0.143	0.174	-0.15
2	Head	LTE B41 PC3	41490	2680	50RB-High	Tilt Left	0mm	\	\	21.55	22.40	0.113	0.137	0.051	0.062	-0.04
2	Head	LTE B41 PC3	41490	2680	50RB-High	Cheek Right	0mm	\	\	21.55	22.40	0.413	0.502	0.172	0.209	0.02
2	Head	LTE B41 PC3	41490	2680	50RB-High	Tilt Right	0mm	\	\	21.55	22.40	0.259	0.315	0.109	0.133	-0.02
2	Body	LTE B41 PC3	41490	2680	1RB-Low	Front	10mm	\	\	15.71	16.60	0.030	0.037	0.014	0.017	-0.06
2	Body	LTE B41 PC3	41490	2680	1RB-Low	Rear	10mm	\	\	15.71	16.60	0.029	0.036	0.014	0.017	-0.16
2	Body	LTE B41 PC3	41490	2680	1RB-Low	Left	10mm	\	\	15.71	16.60	0.095	0.117	0.042	0.052	0.07
2	Body	LTE B41 PC3	41490	2680	50RB-High	Front	10mm	\	\	15.74	16.60	0.032	0.039	0.015	0.018	0.15
2	Body	LTE B41 PC3	41490	2680	50RB-High	Rear	10mm	\	\	15.74	16.60	0.031	0.038	0.015	0.018	0.19
2	Body	LTE B41 PC3	41490	2680	50RB-High	Left	10mm	FIG A.116	\	15.74	16.60	0.096	0.117	0.043	0.052	0.09
2	Body	LTE B41 PC3	41490	2680	1RB-Low	Front	15mm	FIG A.117	\	21.81	22.60	0.081	0.097	0.040	0.048	-0.14
2	Body	LTE B41 PC3	41490	2680	1RB-Low	Rear	15mm	\	\	21.81	22.60	0.075	0.090	0.038	0.046	-0.06
2	Body	LTE B41 PC3	41490	2680	50RB-High	Front	15mm	\	\	21.55	22.40	0.080	0.097	0.039	0.047	-0.13
2	Body	LTE B41 PC3	41490	2680	50RB-High	Rear	15mm	\	\	21.55	22.40	0.078	0.095	0.039	0.047	0.13
8	Head	LTE B41 PC3	41490	2680	1RB-Low	Cheek Left	0mm	FIG A.118	\	19.07	20.00	0.202	0.250	0.085	0.105	0.16
8	Head	LTE B41 PC3	41490	2680	1RB-Low	Tilt Left	0mm	\	\	19.07	20.00	0.098	0.121	0.047	0.058	-0.02
8	Head	LTE B41 PC3	41490	2680	1RB-Low	Cheek Right	0mm	\	\	19.07	20.00	0.071	0.088	0.037	0.046	0.1
8	Head	LTE B41 PC3	41490	2680	1RB-Low	Tilt Right	0mm	\	\	19.07	20.00	0.037	0.046	0.018	0.022	-0.15
8	Head	LTE B41 PC3	41490	2680	50RB-High	Cheek Left	0mm	\	\	18.03	19.00	0.062	0.080	0.036	0.045	0.07
8	Head	LTE B41 PC3	41490	2680	50RB-High	Tilt Left	0mm	\	\	18.03	19.00	0.075	0.094	0.036	0.045	0.07
8	Head	LTE B41 PC3	41490	2680	50RB-High	Cheek Right	0mm	\	\	18.03	19.00	0.056	0.070	0.030	0.038	-0.18
8	Head	LTE B41 PC3	41490	2680	50RB-High	Tilt Right	0mm	\	\	18.03	19.00	0.030	0.038	0.014	0.018	0.14
8	Body	LTE B41 PC3	41490	2680	1RB-Low	Front	10mm	\	\	13.24	14.00	0.044	0.052	0.021	0.025	-0.11
8	Body	LTE B41 PC3	41490	2680	1RB-Low	Rear	10mm	\	\	13.24	14.00	0.041	0.049	0.020	0.024	-0.05
8	Body	LTE B41 PC3	41490	2680	1RB-Low	Right	10mm	FIG A.119	\	13.24	14.00	0.062	0.074	0.027	0.032	0.13
8	Body	LTE B41 PC3	41490	2680	1RB-Low	Top	10mm	\	\	13.24	14.00	0.036	0.043	0.015	0.018	0.19
8	Body	LTE B41 PC3	41490	2680	50RB-Low	Front	10mm	\	\	13.24	14.00	0.041	0.049	0.019	0.023	-0.12
8	Body	LTE B41 PC3	41490	2680	50RB-Low	Rear	10mm	\	\	13.24	14.00	0.0				

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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 B41 PC2	41490	2680	1RB-High	Cheek Left	0mm	\	Note1	20.24	20.80	0.278	0.316	0.128	0.146	-0.19
4	Head	LTE B41 PC2	41490	2680	1RB-High	Tilt Left	0mm	\	Note1	20.24	20.80	0.417	0.474	0.177	0.201	0.11
4	Head	LTE B41 PC2	41490	2680	1RB-High	Cheek Right	0mm	\	Note1	20.24	20.80	0.473	0.538	0.185	0.210	0.08
4	Head	LTE B41 PC2	41490	2680	1RB-High	Tilt Right	0mm	\	Note1	20.24	20.80	0.623	0.709	0.241	0.274	-0.08
4	Head	LTE B41 PC2	41490	2680	50RB-Middle	Cheek Left	0mm	\	Note1	20.14	20.80	0.291	0.339	0.133	0.155	-0.07
4	Head	LTE B41 PC2	41490	2680	50RB-Middle	Tilt Left	0mm	\	Note1	20.14	20.80	0.425	0.495	0.181	0.211	0.14
4	Head	LTE B41 PC2	41490	2680	50RB-Middle	Cheek Right	0mm	\	Note1	20.14	20.80	0.481	0.560	0.188	0.219	-0.16
4	Head	LTE B41 PC2	41490	2680	50RB-Middle	Tilt Right	0mm	FIG A.121	Note1	20.14	20.80	0.640	0.745	0.248	0.289	0.09
4	Head	LTE B41 PC2	41490	2680	1RB-Low	Tilt Right	0mm	ULCA	Note1	20.18	20.80	0.622	0.717	0.241	0.278	0.15
4	Head	LTE B41 PC2	41490	2680	50RB-Middle	Tilt Left	0mm	\	Note2	15.18	15.80	<0.01	<0.01	<0.01	<0.01	
4	Body	LTE B41 PC2	41490	2680	1RB-Low	Front	10mm	\	\	14.14	14.80	0.014	0.016	0.005	0.006	-0.09
4	Body	LTE B41 PC2	41490	2680	1RB-Low	Rear	10mm	\	\	14.14	14.80	0.017	0.020	0.007	0.008	0.12
4	Body	LTE B41 PC2	41490	2680	1RB-Low	Left	10mm	\	\	14.14	14.80	<0.01	<0.01	<0.01	<0.01	
4	Body	LTE B41 PC2	41490	2680	1RB-Low	Top	10mm	FIG A.122	\	14.14	14.80	0.052	0.061	0.024	0.028	0.04
4	Body	LTE B41 PC2	41490	2680	50RB-High	Front	10mm	\	\	14.13	14.80	0.015	0.018	0.005	0.006	-0.17
4	Body	LTE B41 PC2	41490	2680	50RB-High	Rear	10mm	\	\	14.13	14.80	0.015	0.018	0.006	0.007	0.14
4	Body	LTE B41 PC2	41490	2680	50RB-High	Left	10mm	\	\	14.13	14.80	<0.01	<0.01	<0.01	<0.01	
4	Body	LTE B41 PC2	41490	2680	50RB-High	Top	10mm	\	\	14.13	14.80	0.049	0.057	0.022	0.026	-0.06
4	Body	LTE B41 PC2	41490	2680	1RB-Low	Top	10mm	ULCA	\	14.08	14.80	0.048	0.057	0.021	0.025	0.15
4	Body	LTE B41 PC2	41055	2636.5	1RB-Low	Front	15mm	\	\	24.47	25.10	0.193	0.223	0.102	0.118	-0.08
4	Body	LTE B41 PC2	41055	2636.5	1RB-Low	Rear	15mm	\	\	24.47	25.10	0.156	0.180	0.086	0.099	0.04
4	Body	LTE B41 PC2	41055	2636.5	50RB-High	Front	15mm	FIG A.123	\	24.31	25.10	0.199	0.239	0.104	0.125	-0.02
4	Body	LTE B41 PC2	41055	2636.5	50RB-High	Rear	15mm	\	\	24.31	25.10	0.145	0.174	0.081	0.097	0.07
4	Body	LTE B41 PC2	41490	2680	1RB-Low	Front	15mm	ULCA	\	24.43	25.10	0.184	0.215	0.096	0.112	0.15
1	Head	LTE B41 PC2	40620	2593	1RB-Low	Cheek Left	0mm	FIG A.124	\	24.96	25.70	0.078	0.092	0.041	0.049	0.09
1	Head	LTE B41 PC2	40620	2593	1RB-Low	Tilt Left	0mm	\	\	24.96	25.70	0.024	0.028	0.013	0.015	0.01
1	Head	LTE B41 PC2	40620	2593	1RB-Low	Cheek Right	0mm	\	\	24.96	25.70	0.030	0.036	0.018	0.021	0.06
1	Head	LTE B41 PC2	40620	2593	1RB-Low	Tilt Right	0mm	\	\	24.96	25.70	0.038	0.045	0.020	0.024	-0.11
1	Head	LTE B41 PC2	40620	2593	50RB-Middle	Cheek Left	0mm	\	\	25.02	25.70	0.064	0.075	0.034	0.040	-0.09
1	Head	LTE B41 PC2	40620	2593	50RB-Middle	Tilt Left	0mm	\	\	25.02	25.70	0.023	0.027	0.014	0.016	-0.05
1	Head	LTE B41 PC2	40620	2593	50RB-Middle	Cheek Right	0mm	\	\	25.02	25.70	0.024	0.028	0.015	0.018	0.18
1	Head	LTE B41 PC2	40620	2593	50RB-Middle	Tilt Right	0mm	\	\	25.02	25.70	0.026	0.030	0.014	0.016	-0.08
1	Head	LTE B41 PC2	41490	2680	1RB-Low	Cheek Left	0mm	ULCA	\	24.17	25.60	0.061	0.085	0.033	0.046	0.15
1	Body	LTE B41 PC2	40620	2593	1RB-Low	Front	10mm	\	\	18.74	19.40	0.049	0.057	0.025	0.029	0.07
1	Body	LTE B41 PC2	40620	2593	1RB-Low	Rear	10mm	\	\	18.74	19.40	0.071	0.083	0.034	0.040	-0.09
1	Body	LTE B41 PC2	40620	2593	1RB-Low	Left	10mm	\	\	18.74	19.40	0.039	0.045	0.017	0.020	-0.15
1	Body	LTE B41 PC2	40620	2593	1RB-Low	Right	10mm	\	\	18.74	19.40	0.031	0.036	0.014	0.016	0.12
1	Body	LTE B41 PC2	40620	2593	1RB-Low	Bottom	10mm	FIG A.125	\	18.74	19.40	0.124	0.144	0.057	0.066	0.18
1	Body	LTE B41 PC2	40185	2549.5	50RB-Low	Front	10mm	\	\	18.82	19.40	0.044	0.050	0.023	0.026	-0.04
1	Body	LTE B41 PC2	40185	2549.5	50RB-Low	Rear	10mm	\	\	18.82	19.40	0.068	0.078	0.033	0.038	0.06
1	Body	LTE B41 PC2	40185	2549.5	50RB-Low	Left	10mm	\	\	18.82	19.40	0.037	0.042	0.016	0.018	0.09
1	Body	LTE B41 PC2	40185	2549.5	50RB-Low	Right	10mm	\	\	18.82	19.40	0.028	0.032	0.009	0.010	-0.16
1	Body	LTE B41 PC2	40185	2549.5	50RB-Low	Bottom	10mm	\	\	18.82	19.40	0.119	0.136	0.055	0.063	-0.07
1	Body	LTE B41 PC2	41490	2680	1RB-Low	Bottom	10mm	ULCA	\	18.67	19.40	0.111	0.131	0.048	0.057	0.02
1	Body	LTE B41 PC2	40620	2593	1RB-Low	Front	15mm	\	\	24.65	25.40	0.128	0.152	0.069	0.082	0.03
1	Body	LTE B41 PC2	40620	2593	1RB-Low	Rear	15mm	FIG A.126	\	24.65	25.40	0.199	0.237	0.105	0.125	-0.08
1	Body	LTE B41 PC2	40185	2549.5	50RB-High	Front	15mm	\	\	24.77	25.40	0.126	0.146	0.069	0.080	0.14
1	Body	LTE B41 PC2	40185	2549.5	50RB-High	Rear	15mm	\	\	24.77	25.40	0.188	0.217	0.095	0.110	-0.16
1	Body	LTE B41 PC2	41490	2680	1RB-Low	Rear	15mm	ULCA	\	23.91	25.40	0.132	0.186	0.074	0.104	0.01
2	Head	LTE B41 PC2	40620	2593	1RB-Low	Cheek Left	0mm	\	Note1	23.18	24.10	0.466	0.576	0.186	0.230	-0.05
2	Head	LTE B41 PC2	40620	2593	1RB-Low	Tilt Left	0mm	\	Note1	23.18	24.10	0.129	0.159	0.058	0.072	0.17
2	Head	LTE B41 PC2	40620	2593	1RB-Low	Cheek Right	0mm	FIG A.127	\	23.18	24.10	0.555	0.686	0.238	0.294	0.14
2	Head	LTE B41 PC2	40620	2593	1RB-Low	Tilt Right	0mm	\	Note1	23.18	24.10	0.270	0.334	0.115	0.142	0.06
2	Head	LTE B41 PC2	40620	2593	50RB-High	Cheek Left	0mm	\	Note1	22.88	24.10	0.412	0.546	0.165	0.219	0.06
2	Head	LTE B41 PC2	40620	2593	50RB-High	Tilt Left	0mm	\	Note1	22.88	24.10	0.112	0.148	0.052	0.069	0.08
2	Head	LTE B41 PC2	40620	2593	50RB-High	Cheek Right	0mm	\	Note1	22.88	24.10	0.484	0.641	0.210	0.278	0.16
2	Head	LTE B41 PC2	40620	2593	50RB-High	Tilt Right	0mm	\	Note1	22.88	24.10	0.249	0.330	0.106	0.140	0.01
2	Head	LTE B41 PC2	40620	2593	1RB-Low	Cheek Left	0mm	\	Note2	18.36	19.10	0.116	0.138	0.043	0.051	0.1
2	Body	LTE B41 PC2	41490	2680	1RB-Low	Front	10mm	\	\	17.36	18.10	0.031	0.037	0.015	0.018	-0.15
2	Body	LTE B41 PC2	41490	2680	1RB-Low	Rear	10mm	\	\	17.36	18.10	0.027	0.032	0.013	0.015	-0.15
2	Body	LTE B41 PC2	41490	2680	1RB-Low	Left	10mm	FIG A.128	\	17.36	18.10	0.093	0.110	0.041	0.049	-0.08
2	Body	LTE B41 PC2	41490	2680	50RB-High	Front	10mm	\	\	17.39	18.10	0.032	0.038	0.015	0.018	-0.17
2	Body	LTE B41 PC2	41490	2680	50RB-High	Rear	10mm	\	\	17.39	18.10	0.033	0.039	0.015	0.018	0.14
2	Body	LTE B41 PC2	41490	2680	50RB-High	Left	10mm	\	\	17.39	18.10	0.094	0.111	0.042	0.049	0.15
2	Body	LTE B41 PC2	40620	2593	1RB-Low	Front	15mm	\	\	23.18	24.10	0.079	0.098	0.038	0.047	0.04
2	Body	LTE B41 PC2	40620	2593	1RB-Low	Rear	15mm	FIG A.129	\	23.18	24.10	0.083	0.103	0.042	0.052	-0.14
2	Body	LTE B41 PC2	40620	2593	50RB-High	Front	15mm	\	\	22.88	24.10	0.074	0.098	0.037	0.049	-0.11
2	Body	LTE B41 PC2	40620	2593	50RB-High	Rear	15mm	\	\	22.88	24.10	0.075	0.099	0.038	0.050	0.16
8	Head	LTE B41 PC2	40620	2593	1RB-Low	Cheek Left	0mm	FIG A.130	\	20.20	21.50	0.223	0.301	0.096	0.130	0.09
8	Head	LTE B41 PC2	40620	2593	1RB-Low	Tilt Left	0mm	\	\	20.20	21.50	0.101	0.136	0.047	0.063	-0.06
8	Head	LTE B41 PC2	40620	2593	1RB-Low	Cheek Right	0mm	\	\	20.20	21.50	0.061	0.082	0.031	0.042	0.05
8	Head	LTE B41 PC2	40620	2593	1RB-Low	Tilt Right	0mm	\	\	20.20	21.50	0.037	0.050	0.018	0.024	-0.18
8	Head	LTE B41 PC2	40620	2593	50RB-High	Cheek Left	0mm	\	\	19.24	20.50	0.169	0.226	0.073	0.098	0.05
8	Head	LTE B41 PC2	40620	2593	50RB-High	Tilt Left	0mm	\	\	19.24	20.50	0.077	0.103	0.036	0.048	0.11
8	Head	LTE B41 PC2	40620	2593	50RB-High	Cheek Right	0mm	\	\	19.24	20.50	0.047	0.063	0.024	0.032	0.05
8	Head	LTE B41 PC2	40620	2593	50RB-High	Tilt Right	0mm	\	\	19.24	20.50	0.028	0.037	0.013	0.017	-0.11
8	Body	LTE B41 PC2	41490	2680	1RB-Low	Front	10mm	\	\	14.85	15.50	0.035	0.041	0.015	0.017	0.1
8	Body	LTE B41 PC2	41490	2680	1RB-Low	Rear	10mm	\	\	14.85	15.50	0.038	0.044	0.017	0.020	0.04
8	Body	LTE B41 PC2	41490	2680	1RB-Low	Right	10mm	FIG A.131	\	14.85	15.50	0.062	0.072	0.026	0.030	0.02
8	Body	LTE B41 PC2	41490	2680	1RB-Low	Top	10mm	\	\	14.85	15					

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	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 B66	132322	1745	1RB-High	Cheek Left	0mm	\	Note1	17.22	18.30	0.262	0.336	0.151	0.194	-0.07
4	Head	LTE B66	132322	1745	1RB-High	Tilt Left	0mm	\	Note1	17.22	18.30	0.395	0.507	0.217	0.278	-0.16
4	Head	LTE B66	132322	1745	1RB-High	Cheek Right	0mm	\	Note1	17.22	18.30	0.605	0.776	0.289	0.371	-0.1
4	Head	LTE B66	132572	1770	1RB-Low	Tilt Right	0mm	FIG A.133	Note1	17.02	18.30	0.664	0.892	0.299	0.401	-0.01
4	Head	LTE B66	132322	1745	1RB-High	Tilt Right	0mm	\	Note1	17.22	18.30	0.660	0.846	0.298	0.382	0.12
4	Head	LTE B66	132072	1720	1RB-High	Tilt Right	0mm	\	Note1	17.09	18.30	0.606	0.801	0.282	0.373	-0.06
4	Head	LTE B66	132322	1745	50RB-High	Cheek Left	0mm	\	Note1	17.13	18.30	0.272	0.356	0.157	0.206	0.14
4	Head	LTE B66	132322	1745	50RB-High	Tilt Left	0mm	\	Note1	17.13	18.30	0.412	0.539	0.225	0.295	0.15
4	Head	LTE B66	132322	1745	50RB-High	Cheek Right	0mm	\	Note1	17.13	18.30	0.577	0.755	0.282	0.369	-0.18
4	Head	LTE B66	132572	1770	50RB-High	Tilt Right	0mm	\	Note1	17.04	18.30	0.619	0.827	0.274	0.366	0.03
4	Head	LTE B66	132322	1745	50RB-High	Tilt Right	0mm	\	Note1	17.13	18.30	0.642	0.840	0.291	0.381	-0.19
4	Head	LTE B66	132072	1720	50RB-High	Tilt Right	0mm	\	Note1	17.12	18.30	0.635	0.833	0.269	0.353	0.15
4	Head	LTE B66	132072	1720	100RB	Tilt Right	0mm	\	Note1	17.09	18.30	0.624	0.824	0.265	0.350	0.01
4	Head	LTE B66	132072	1720	1RB-High	Tilt Right	0mm	ULCA	Note1	17.05	18.30	0.584	0.779	0.276	0.368	0.15
4	Head	LTE B66	132322	1745	50RB-High	Tilt Left	0mm	\	Note2	12.30	13.30	0.044	0.055	0.027	0.034	-0.04
4	Body	LTE B66	132322	1745	1RB-Low	Front	10mm	\	\	11.23	12.30	0.027	0.035	0.016	0.020	-0.06
4	Body	LTE B66	132322	1745	1RB-Low	Rear	10mm	\	\	11.23	12.30	0.027	0.035	0.008	0.010	0.03
4	Body	LTE B66	132322	1745	1RB-Low	Left	10mm	\	\	11.23	12.30	0.027	0.035	0.007	0.009	-0.08
4	Body	LTE B66	132322	1745	1RB-Low	Top	10mm	\	\	11.23	12.30	0.067	0.086	0.036	0.046	0.04
4	Body	LTE B66	132322	1745	50RB-Middle	Front	10mm	\	\	11.13	12.30	0.030	0.039	0.018	0.010	-0.04
4	Body	LTE B66	132322	1745	50RB-Middle	Rear	10mm	\	\	11.13	12.30	0.028	0.037	0.008	0.010	-0.07
4	Body	LTE B66	132322	1745	50RB-Middle	Left	10mm	\	\	11.13	12.30	0.026	0.034	0.008	0.010	0.14
4	Body	LTE B66	132322	1745	50RB-Middle	Top	10mm	FIG A.134	\	11.13	12.30	0.070	0.092	0.038	0.050	0.03
4	Body	LTE B66	132072	1720	1RB-High	Top	10mm	ULCA	\	11.03	12.30	0.064	0.086	0.032	0.043	0.08
4	Body	LTE B66	132322	1745	1RB-Low	Front	15mm	FIG A.135	\	20.63	21.90	0.145	0.194	0.092	0.123	0.02
4	Body	LTE B66	132322	1745	1RB-Low	Rear	15mm	\	\	20.63	21.90	0.125	0.167	0.081	0.109	0.19
4	Body	LTE B66	132072	1720	50RB-High	Front	15mm	\	\	20.59	21.90	0.133	0.180	0.085	0.115	-0.08
4	Body	LTE B66	132072	1720	50RB-High	Rear	15mm	\	\	20.59	21.90	0.120	0.162	0.077	0.104	-0.09
4	Body	LTE B66	132072	1720	1RB-High	Front	15mm	ULCA	\	20.61	21.90	0.138	0.186	0.087	0.117	0.05
1	Head	LTE B66	132072	1720	1RB-High	Cheek Left	0mm	FIG A.136	\	24.38	25.40	0.197	0.249	0.126	0.159	-0.01
1	Head	LTE B66	132072	1720	1RB-High	Tilt Left	0mm	\	\	24.38	25.40	0.102	0.129	0.062	0.078	-0.19
1	Head	LTE B66	132072	1720	1RB-High	Cheek Right	0mm	\	\	24.38	25.40	0.136	0.172	0.085	0.108	0.15
1	Head	LTE B66	132572	1770	1RB-High	Tilt Right	0mm	\	\	24.38	25.40	0.080	0.101	0.048	0.061	-0.03
1	Head	LTE B66	132322	1745	50RB-Low	Cheek Left	0mm	\	\	23.30	24.40	0.158	0.204	0.101	0.130	0.09
1	Head	LTE B66	132322	1745	50RB-Low	Tilt Left	0mm	\	\	23.30	24.40	0.085	0.110	0.050	0.064	-0.13
1	Head	LTE B66	132322	1745	50RB-Low	Cheek Right	0mm	\	\	23.30	24.40	0.122	0.157	0.074	0.095	-0.16
1	Head	LTE B66	132322	1745	50RB-Low	Tilt Right	0mm	\	\	23.30	24.40	0.066	0.085	0.040	0.052	0.04
1	Head	LTE B66	132072	1720	1RB-High	Cheek Left	0mm	ULCA	\	24.31	25.40	0.185	0.238	0.117	0.150	0.09
1	Body	LTE B66	132322	1745	1RB-Middle	Front	10mm	\	\	16.71	17.90	0.108	0.142	0.063	0.083	0.16
1	Body	LTE B66	132322	1745	1RB-Middle	Rear	10mm	\	\	16.71	17.90	0.154	0.203	0.091	0.120	0.04
1	Body	LTE B66	132322	1745	1RB-Middle	Left	10mm	\	\	16.71	17.90	0.044	0.058	0.024	0.032	-0.19
1	Body	LTE B66	132322	1745	1RB-Middle	Right	10mm	\	\	16.71	17.90	0.040	0.053	0.022	0.029	0.15
1	Body	LTE B66	132322	1745	1RB-Middle	Bottom	10mm	\	\	16.71	17.90	0.200	0.263	0.112	0.147	0.1
1	Body	LTE B66	132322	1745	50RB-High	Front	10mm	\	\	16.75	17.90	0.110	0.143	0.065	0.085	0.12
1	Body	LTE B66	132322	1745	50RB-High	Rear	10mm	\	\	16.75	17.90	0.157	0.205	0.093	0.121	-0.18
1	Body	LTE B66	132322	1745	50RB-High	Left	10mm	\	\	16.75	17.90	0.045	0.059	0.025	0.033	0.14
1	Body	LTE B66	132322	1745	50RB-High	Right	10mm	\	\	16.75	17.90	0.041	0.053	0.023	0.030	0.04
1	Body	LTE B66	132322	1745	50RB-High	Bottom	10mm	FIG A.137	\	16.75	17.90	0.210	0.274	0.117	0.152	0.11
1	Body	LTE B66	132072	1720	1RB-High	Bottom	10mm	ULCA	\	16.69	17.90	0.194	0.256	0.103	0.136	0.05
1	Body	LTE B66	132322	1745	1RB-Low	Front	15mm	\	\	23.11	23.90	0.216	0.259	0.131	0.157	-0.19
1	Body	LTE B66	132322	1745	1RB-Low	Rear	15mm	\	\	23.11	23.90	0.285	0.342	0.170	0.204	0.04
1	Body	LTE B66	132322	1745	50RB-High	Front	15mm	\	\	22.85	23.90	0.224	0.285	0.137	0.174	-0.11
1	Body	LTE B66	132322	1745	50RB-High	Rear	15mm	FIG A.138	\	22.85	23.90	0.306	0.390	0.186	0.237	0.09
1	Body	LTE B66	132072	1720	1RB-High	Rear	15mm	ULCA	\	22.86	23.90	0.269	0.342	0.161	0.205	0.04
2	Head	LTE B66	132322	1745	1RB-High	Cheek Left	0mm	\	Note1	20.45	21.70	0.472	0.629	0.228	0.304	0.01
2	Head	LTE B66	132322	1745	1RB-High	Tilt Left	0mm	\	Note1	20.45	21.70	0.138	0.184	0.073	0.097	0.09
2	Head	LTE B66	132322	1745	1RB-High	Cheek Right	0mm	\	Note1	20.45	21.70	0.526	0.701	0.252	0.336	-0.03
2	Head	LTE B66	132322	1745	1RB-High	Tilt Right	0mm	\	Note1	20.45	21.70	0.253	0.337	0.125	0.167	0.02
2	Head	LTE B66	132072	1720	50RB-High	Cheek Left	0mm	\	Note1	20.51	21.70	0.509	0.669	0.246	0.324	0.16
2	Head	LTE B66	132072	1720	50RB-High	Tilt Left	0mm	\	Note1	20.51	21.70	0.136	0.179	0.072	0.095	-0.16
2	Head	LTE B66	132072	1720	50RB-High	Cheek Right	0mm	FIG A.139	Note1	20.51	21.70	0.537	0.706	0.262	0.345	0.17
2	Head	LTE B66	132072	1720	50RB-High	Tilt Right	0mm	\	Note1	20.51	21.70	0.259	0.341	0.127	0.167	0.01
2	Head	LTE B66	132322	1745	1RB-High	Cheek Left	0mm	\	Note2	15.57	16.70	0.034	0.044	0.016	0.021	0.01
2	Body	LTE B66	132072	1720	1RB-Low	Front	10mm	\	\	14.48	15.70	0.053	0.070	0.027	0.036	-0.04
2	Body	LTE B66	132072	1720	1RB-Low	Rear	10mm	\	\	14.48	15.70	0.049	0.065	0.027	0.036	0.07
2	Body	LTE B66	132072	1720	1RB-Low	Left	10mm	\	\	14.48	15.70	0.133	0.176	0.066	0.087	0.11
2	Body	LTE B66	132072	1720	50RB-Middle	Front	10mm	\	\	14.48	15.70	0.056	0.073	0.029	0.038	-0.01
2	Body	LTE B66	132072	1720	50RB-Middle	Rear	10mm	\	\	14.48	15.70	0.050	0.066	0.028	0.037	0.05
2	Body	LTE B66	132072	1720	50RB-Middle	Left	10mm	FIG A.140	\	14.48	15.70	0.143	0.189	0.070	0.093	0.16
2	Body	LTE B66	132572	1770	1RB-High	Front	15mm	\	\	20.97	22.40	0.163	0.227	0.091	0.126	0.03
2	Body	LTE B66	132572	1770	1RB-High	Rear	15mm	FIG A.141	\	20.97	22.40	0.216	0.300	0.123	0.171	-0.06
2	Body	LTE B66	132072	1720	50RB-Middle	Front	15mm	\	\	21.04	22.40	0.177	0.242	0.100	0.137	-0.19
2	Body	LTE B66	132072	1720	50RB-Middle	Rear	15mm	\	\	21.04	22.40	0.200	0.274	0.113	0.155	-0.19
8	Head	LTE B66	132322	1745	1RB-Middle	Cheek Left	0mm	FIG A.142	Note1	18.33	18.80	0.459	0.511	0.212	0.236	0.11
8	Head	LTE B66	132322	1745	1RB-Middle	Tilt Left	0mm	\	Note1	18.33	18.80	0.121	0.135	0.060	0.067	0.04
8	Head	LTE B66	132322	1745	1RB-Middle	Cheek Right	0mm	\	Note1	18.33	18.80	0.152	0.169	0.075	0.084	-0.19
8	Head	LTE B66	132322	1745	1RB-Middle	Tilt Right	0mm	\	Note1	18.33	18.80	0.053	0.059	0.027	0.030	-0.19
8	Head	LTE B66	132572	1770	50RB-Middle	Cheek Left	0mm	\	Note1	18.06	18.80	0.427	0.506	0.197	0.234	-0.14
8	Head	LTE B66	132572	1770	50RB-Middle	Tilt Left	0mm	\	Note1	18.06	18.80	0.108	0.128	0.056	0.066	-0.06
8	Head	LTE B66	132572	1770	50RB-Middle	Cheek Right	0mm	\	Note1	18.06	18.80	0.148	0.175	0.073	0.087	-0.01
8	Head	LTE B66	132572													

15.2 SAR results for 5G NR

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	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	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	16.94	18.30	0.226	0.309	0.117	0.160	-0.13
4	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	16.94	18.30	0.327	0.447	0.162	0.222	0.11
4	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note1	16.94	18.30	0.470	0.643	0.212	0.290	0.03
4	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.145	Note1	16.86	18.30	0.543	0.756	0.245	0.341	0.1
4	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.94	18.30	0.476	0.651	0.216	0.295	-0.01
4	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.74	18.30	0.426	0.610	0.192	0.275	0.06
4	Head	N2	376000	1880	CP-OFDM 64QAM	Tilt Right	0mm	\	Note1	16.84	18.30	0.511	0.715	0.233	0.326	0.15
4	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note2	12.17	13.30	0.093	0.121	0.044	0.057	0.19
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	10mm	\	\	10.62	12.30	0.035	0.052	0.015	0.022	0.03
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	10mm	\	\	10.62	12.30	0.033	0.049	0.014	0.021	0.03
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	10mm	\	\	10.62	12.30	0.029	0.043	0.010	0.015	0.17
4	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Top	10mm	\	\	10.57	12.30	0.056	0.083	0.029	0.043	0.13
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Top	10mm	\	\	10.62	12.30	0.040	0.059	0.021	0.031	-0.01
4	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Top	10mm	FIG A.146	\	10.49	12.30	0.078	0.118	0.041	0.062	0.18
4	Body	N2	376000	1880	CP-OFDM 64QAM	Top	10mm	\	\	10.55	12.30	0.037	0.055	0.019	0.028	0.05
4	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Front	15mm	\	\	20.88	22.30	0.123	0.171	0.070	0.097	-0.17
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	15mm	\	\	20.90	22.30	0.145	0.200	0.085	0.131	0.14
4	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Front	15mm	FIG A.147	\	20.89	22.30	0.173	0.239	0.087	0.148	-0.04
4	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	15mm	\	\	20.90	22.30	0.131	0.181	0.085	0.117	0.14
4	Body	N2	376000	1880	CP-OFDM QPSK	Front	15mm	\	\	20.70	22.30	0.132	0.191	0.081	0.117	0.09
1	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.69	25.20	0.121	0.171	0.076	0.108	0.08
1	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.148	\	23.70	25.20	0.147	0.208	0.093	0.131	0.05
1	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	23.60	25.20	0.146	0.211	0.092	0.133	-0.05
1	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	23.70	25.20	0.045	0.064	0.028	0.040	-0.04
1	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	23.70	25.20	0.060	0.085	0.039	0.055	0.11
1	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	23.70	25.20	0.037	0.052	0.023	0.032	0.09
1	Head	N2	376000	1880	CP-OFDM QPSK	Cheek Left	0mm	\	\	22.98	24.70	0.117	0.174	0.072	0.107	0.16
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	10mm	\	\	15.43	17.00	0.100	0.144	0.054	0.078	-0.16
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	10mm	\	\	15.43	17.00	0.134	0.192	0.073	0.105	-0.02
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	10mm	\	\	15.43	17.00	0.051	0.073	0.027	0.039	-0.08
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Right	10mm	\	\	15.43	17.00	0.036	0.052	0.018	0.026	-0.07
1	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	15.36	17.00	0.200	0.292	0.104	0.152	0.14
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Bottom	10mm	\	\	15.43	17.00	0.201	0.289	0.106	0.152	0.07
1	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Bottom	10mm	FIG A.149	\	15.25	17.00	0.202	0.302	0.107	0.160	0.02
1	Body	N2	376000	1880	CP-OFDM 64QAM	Bottom	10mm	\	\	15.34	17.00	0.197	0.289	0.101	0.148	0.08
1	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Bottom	10mm	SIM	\	15.25	17.00	0.194	0.290	0.098	0.147	0.05
1	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Bottom	10mm	protection case	\	15.25	17.00	0.162	0.242	0.081	0.121	-0.16
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	15mm	\	\	21.59	23.00	0.206	0.285	0.123	0.170	0.13
1	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Rear	15mm	\	\	21.48	23.00	0.256	0.363	0.150	0.213	0.08
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	15mm	\	\	21.59	23.00	0.272	0.376	0.160	0.221	0.11
1	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Rear	15mm	FIG A.150	\	21.40	23.00	0.273	0.395	0.162	0.234	0.04
1	Body	N2	376000	1880	CP-OFDM QPSK	Rear	15mm	\	\	21.44	23.00	0.241	0.345	0.139	0.199	0.19
2	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	18.10	19.70	0.225	0.325	0.107	0.155	-0.11
2	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	18.10	19.70	0.053	0.077	0.029	0.042	-0.11
2	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	18.01	19.70	0.298	0.440	0.136	0.201	0.12
2	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	18.10	19.70	0.330	0.477	0.154	0.223	0.09
2	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A.151	\	17.88	19.70	0.370	0.563	0.177	0.269	0.04
2	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	18.10	19.70	0.121	0.175	0.062	0.090	0.1
2	Head	N2	376000	1880	CP-OFDM 64QAM	Cheek Right	0mm	\	\	17.99	19.70	0.316	0.468	0.148	0.219	0.07
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	10mm	\	\	11.85	13.70	0.024	0.037	0.006	0.009	0.18
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	10mm	\	\	11.85	13.70	0.027	0.041	0.007	0.011	-0.13
2	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Left	10mm	\	\	11.79	13.70	0.078	0.121	0.034	0.053	-0.07
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Left	10mm	\	\	11.85	13.70	0.072	0.110	0.034	0.052	-0.11
2	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Left	10mm	FIG A.152	\	11.71	13.70	0.083	0.131	0.038	0.060	0.05
2	Body	N2	376000	1880	CP-OFDM 64QAM	Left	10mm	\	\	11.78	13.70	0.069	0.107	0.031	0.048	0.12
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	15mm	\	\	18.35	20.00	0.087	0.127	0.048	0.070	0.11
2	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Rear	15mm	\	\	18.26	20.00	0.090	0.134	0.047	0.070	-0.19
2	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	15mm	\	\	18.35	20.00	0.090	0.132	0.050	0.073	-0.15
2	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Rear	15mm	FIG A.153	\	18.13	20.00	0.109	0.168	0.059	0.091	0.04
2	Body	N2	376000	1880	CP-OFDM 64QAM	Rear	15mm	\	\	18.24	20.00	0.087	0.130	0.049	0.073	0.11
8	Head	N2	381500	1907.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.90	16.70	0.254	0.305	0.115	0.138	0.09
8	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	15.98	16.70	0.240	0.283	0.103	0.122	-0.02
8	Head	N2	370500	1852.5	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.154	\	15.79	16.70	0.298	0.367	0.135	0.166	0.06
8	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	15.98	16.70	0.069	0.081	0.037	0.044	-0.05
8	Head	N2	376000	1880	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	15.98	16.70	0.083	0.098	0.042	0.050	0.14
8	Head	N2	376000	1880	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	15.98	16.70	0.039	0.046	0.018	0.021	-0.04
8	Head	N2	376000	1880	CP-OFDM 64QAM	Cheek Left	0mm	\	\	15.88	16.70	0.217	0.262	0.099	0.120	0.14
8	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	10mm	\	\	9.78	10.70	0.011	0.014	0.005	0.006	0.13
8	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	10mm	\	\	9.78	10.70	0.012	0.015	0.005	0.006	-0.18
8	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Right	10mm	\	\	9.73	10.70	0.024	0.030	0.011	0.014	0.03
8	Body	N2	376000	1880	DFT-s-OFDM QPSK	Right	10mm	FIG A.155	\	9.78	10.70	0.028	0.035	0.012	0.015	-0.07
8	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Right	10mm	\	\	9.66	10.70	0.025	0.032	0.011	0.014	0.12
8	Body	N2	376000	1880	DFT-s-OFDM QPSK	Top	10mm	\	\	9.78	10.70	0.017	0.021	0.007	0.009	-0.06
8	Body	N2	376000	1880	CP-OFDM 64QAM	Right	10mm	\	\	9.72	10.70	0.025	0.031	0.009	0.011	0.15
8	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Front	15mm	\	\	18.69	19.50	0.025	0.030	0.014	0.017	-0.08
8	Body	N2	376000	1880	DFT-s-OFDM QPSK	Front	15mm	\	\	18.78	19.50	0.023	0.027	0.007	0.008	0.05
8	Body	N2	370500	1852.5	DFT-s-OFDM QPSK	Front	15mm	FIG A.156	\	18.56	19.50	0.026	0.032	0.013	0.016	0.01
8	Body	N2	376000	1880	DFT-s-OFDM QPSK	Rear	15mm	\	\	18.78	19.50	0.019	0.022	0.004	0.005	0.13
8	Body	N2	376000	1880	CP-OFDM QPSK	Front	15mm	\	\	18.70	19.50	0.021	0.025	0.006	0.007	0.18



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	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	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.39	24.90	0.049	0.055	0.035	0.039	-0.04
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	24.39	24.90	0.032	0.036	0.023	0.026	-0.16
0	Head	N5	169300	846.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.29	24.90	0.137	0.158	0.106	0.122	0.11
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A.157	\	24.39	24.90	0.141	0.159	0.109	0.123	0.09
0	Head	N5	165300	826.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.22	24.90	0.136	0.159	0.105	0.123	-0.14
0	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.39	24.90	0.074	0.083	0.041	0.046	0.08
0	Head	N5	167300	836.5	CP-OFDM QPSK	Cheek Right	0mm	\	\	23.67	24.90	0.111	0.147	0.084	0.112	0.04
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	10mm	\	\	18.39	18.90	0.051	0.057	0.033	0.037	-0.1
0	Body	N5	169300	846.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	18.34	18.90	0.059	0.067	0.038	0.043	0.13
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	10mm	FIG A.158	\	18.39	18.90	0.061	0.069	0.039	0.044	-0.06
0	Body	N5	165300	826.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	18.29	18.90	0.059	0.068	0.038	0.044	0.19
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Right	10mm	\	\	18.39	18.90	0.055	0.062	0.037	0.042	-0.14
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	18.39	18.90	0.032	0.036	0.019	0.021	0.07
0	Body	N5	167300	836.5	CP-OFDM 64QAM	Rear	10mm	\	\	18.34	18.90	0.057	0.065	0.036	0.041	0.18
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	15mm	\	\	24.39	24.90	0.112	0.126	0.074	0.083	0.12
0	Body	N5	169300	846.5	DFT-s-OFDM QPSK	Rear	15mm	\	\	24.29	24.90	0.130	0.150	0.086	0.099	-0.14
0	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	15mm	FIG A.159	\	24.39	24.90	0.134	0.151	0.088	0.099	0.07
0	Body	N5	165300	826.5	DFT-s-OFDM QPSK	Rear	15mm	\	\	24.22	24.90	0.127	0.149	0.083	0.097	0.01
0	Body	N5	167300	836.5	CP-OFDM QPSK	Rear	15mm	\	\	23.67	24.90	0.109	0.145	0.074	0.098	0.03
3	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	20.33	21.10	0.189	0.226	0.109	0.130	0.1
3	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	20.33	21.10	0.140	0.167	0.079	0.094	-0.19
3	Head	N5	167800	839	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	20.24	21.10	0.379	0.462	0.202	0.246	-0.12
3	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A.160	\	20.33	21.10	0.497	0.593	0.257	0.307	-0.17
3	Head	N5	166800	834	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	20.22	21.10	0.393	0.481	0.210	0.257	0.09
3	Head	N5	167300	836.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	20.33	21.10	0.324	0.387	0.167	0.199	-0.11
3	Head	N5	167300	836.5	CP-OFDM 16QAM	Cheek Right	0mm	\	\	20.25	21.10	0.463	0.563	0.238	0.289	0.15
3	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	10mm	\	\	14.29	15.10	0.047	0.057	0.025	0.030	0.03
3	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	10mm	\	\	14.29	15.10	0.042	0.051	0.023	0.028	-0.1
3	Body	N5	167800	839	DFT-s-OFDM QPSK	Left	10mm	\	\	14.22	15.10	0.053	0.065	0.028	0.034	0.05
3	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Left	10mm	FIG A.161	\	14.29	15.10	0.066	0.080	0.037	0.045	-0.19
3	Body	N5	166800	834	DFT-s-OFDM QPSK	Left	10mm	\	\	14.21	15.10	0.063	0.077	0.031	0.038	0.04
3	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Top	10mm	\	\	14.29	15.10	0.034	0.041	0.017	0.020	0.15
3	Body	N5	167300	836.5	CP-OFDM QPSK	Left	10mm	\	\	14.18	15.10	0.059	0.073	0.032	0.040	0.17
3	Body	N5	167800	839	DFT-s-OFDM QPSK	Front	15mm	\	\	24.14	25.00	0.197	0.240	0.122	0.149	0.12
3	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Front	15mm	FIG A.162	\	24.25	25.00	0.216	0.257	0.129	0.153	-0.05
3	Body	N5	166800	834	DFT-s-OFDM QPSK	Front	15mm	\	\	24.11	25.00	0.191	0.234	0.119	0.146	0.1
3	Body	N5	167300	836.5	DFT-s-OFDM QPSK	Rear	15mm	\	\	24.25	25.00	0.173	0.206	0.112	0.133	-0.06
3	Body	N5	167300	836.5	CP-OFDM QPSK	Front	15mm	\	\	23.19	25.00	0.169	0.256	0.084	0.127	0.12

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	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	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	16.18	17.50	0.289	0.392	0.148	0.201	-0.13
4	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	16.18	17.50	0.438	0.594	0.210	0.285	-0.12
4	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note1	16.18	17.50	0.468	0.634	0.202	0.274	0.06
4	Head	N7	513500	2567.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.10	17.50	0.644	0.889	0.263	0.363	0.19
4	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.18	17.50	0.699	0.947	0.283	0.384	-0.11
4	Head	N7	500500	2502.5	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.163	Note1	16.04	17.50	0.713	0.998	0.299	0.418	0.02
4	Head	N7	507000	2535	CP-OFDM 64QAM	Tilt Right	0mm	\	Note1	16.12	17.50	0.691	0.949	0.279	0.383	0.15
4	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note2	11.07	12.50	0.081	0.113	0.039	0.054	-0.16
4	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	10mm	\	\	9.90	11.50	0.029	0.042	0.011	0.016	0.04
4	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	\	\	9.90	11.50	0.051	0.074	0.028	0.040	-0.12
4	Body	N7	507000	2535	DFT-s-OFDM QPSK	Left	10mm	\	\	9.90	11.50	0.021	0.030	0.008	0.012	-0.02
4	Body	N7	513500	2567.5	DFT-s-OFDM QPSK	Top	10mm	\	\	9.73	11.50	0.057	0.086	0.029	0.044	-0.04
4	Body	N7	507000	2535	DFT-s-OFDM QPSK	Top	10mm	FIG A.164	\	9.90	11.50	0.073	0.106	0.033	0.048	0.08
4	Body	N7	500500	2502.5	DFT-s-OFDM QPSK	Top	10mm	\	\	9.61	11.50	0.063	0.097	0.030	0.046	-0.03
4	Body	N7	507000	2535	CP-OFDM 64QAM	Top	10mm	\	\	9.77	11.50	0.070	0.104	0.031	0.046	0.09
4	Body	N7	513500	2567.5	DFT-s-OFDM QPSK	Front	15mm	FIG A.165	\	19.11	20.70	0.117	0.169	0.065	0.094	0.14
4	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	15mm	\	\	19.24	20.70	0.113	0.158	0.061	0.085	0.06
4	Body	N7	500500	2502.5	DFT-s-OFDM QPSK	Front	15mm	\	\	19.01	20.70	0.108	0.159	0.059	0.087	-0.03
4	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	15mm	\	\	19.24	20.70	0.105	0.147	0.060	0.084	0.18
4	Body	N7	507000	2535	CP-OFDM 64QAM	Front	15mm	\	\	19.14	20.70	0.107	0.153	0.058	0.083	0.16
1	Head	N7	512000	2560	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	21.06	22.20	0.099	0.129	0.052	0.068	0.02
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	21.17	22.20	0.105	0.133	0.055	0.070	0.12
1	Head	N7	502000	2510	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.166	\	21.24	22.20	0.108	0.135	0.056	0.070	0.11
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	21.17	22.20	0.027	0.034	0.015	0.019	-0.14
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	21.17	22.20	0.043	0.055	0.025	0.032	0.17
1	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	21.17	22.20	0.019	0.024	0.013	0.016	0.12
1	Head	N7	507000	2535	CP-OFDM QPSK	Cheek Left	0mm	\	\	21.10	22.20	0.101	0.130	0.051	0.066	0.09
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	10mm	\	\	14.62	15.80	0.065	0.085	0.033	0.043	0.13
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	\	\	14.62	15.80	0.095	0.125	0.046	0.064	-0.11
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Left	10mm	\	\	14.62	15.80	0.037	0.049	0.017	0.022	-0.04
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Right	10mm	\	\	14.62	15.80	0.032	0.042	0.014	0.018	0.15
1	Body	N7	512000	2560	DFT-s-OFDM QPSK	Bottom	10mm	\	\	14.49	15.80	0.141	0.191	0.064	0.087	0.1
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Bottom	10mm	\	\	14.62	15.80	0.149	0.196	0.069	0.091	-0.13
1	Body	N7	502000	2510	DFT-s-OFDM QPSK	Bottom	10mm	FIG A.167	\	14.57	15.80	0.153	0.203	0.070	0.093	0.16
1	Body	N7	507000	2535	CP-OFDM 64QAM	Bottom	10mm	\	\	14.60	15.80	0.142	0.187	0.067	0.088	0.03
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	15mm	\	\	20.75	21.80	0.128	0.163	0.073	0.093	0.17
1	Body	N7	512000	2560	DFT-s-OFDM QPSK	Rear	15mm	\	\	20.60	21.80	0.173	0.228	0.092	0.121	-0.02
1	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	15mm	\	\	20.75	21.80	0.183	0.233	0.099	0.126	0.09
1	Body	N7	502000	2510	DFT-s-OFDM QPSK	Rear	15mm	FIG A.168	\	20.78	21.80	0.188	0.238	0.100	0.126	0.08
1	Body	N7	507000	2535	CP-OFDM 64QAM	Rear	15mm	\	\	20.70	21.80	0.179	0.231	0.094	0.121	0.11
2	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	18.99	20.60	0.305	0.442	0.130	0.188	-0.09
2	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	18.99	20.60	0.063	0.091	0.038	0.055	-0.07
2	Head	N7	513500	2567.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	18.92	20.60	0.404	0.595	0.195	0.287	0.17
2	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	18.99	20.60	0.444	0.643	0.203	0.294	0.17
2	Head	N7	500500	2502.5	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A.169	\	18.94	20.60	0.448	0.657	0.207	0.303	0.17
2	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	18.99	20.60	0.217	0.314	0.124	0.180	-0.1
2	Head	N7	507000	2535	CP-OFDM 64QAM	Cheek Right	0mm	\	\	18.84	20.60	0.439	0.658	0.197	0.295	0.02
2	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	10mm	\	\	12.79	14.60	0.028	0.042	0.013	0.020	0.14
2	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	\	\	12.79	14.60	0.029	0.044	0.014	0.021	0.08
2	Body	N7	513500	2567.5	DFT-s-OFDM QPSK	Left	10mm	\	\	12.74	14.60	0.070	0.107	0.031	0.048	-0.1
2	Body	N7	507000	2535	DFT-s-OFDM QPSK	Left	10mm	FIG A.170	\	12.79	14.60	0.077	0.117	0.034	0.052	0.15
2	Body	N7	500500	2502.5	DFT-s-OFDM QPSK	Left	10mm	\	\	12.76	14.60	0.075	0.115	0.033	0.050	0.01
2	Body	N7	507000	2535	CP-OFDM 16QAM	Left	10mm	\	\	12.74	14.60	0.075	0.115	0.032	0.049	-0.08
2	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	15mm	\	\	18.99	20.60	0.096	0.139	0.055	0.084	0.15
2	Body	N7	513500	2567.5	DFT-s-OFDM QPSK	Rear	15mm	\	\	18.92	20.60	0.119	0.175	0.058	0.085	-0.07
2	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	15mm	\	\	18.99	20.60	0.126	0.183	0.065	0.094	-0.14
2	Body	N7	500500	2502.5	DFT-s-OFDM QPSK	Rear	15mm	FIG A.171	\	18.94	20.60	0.129	0.189	0.070	0.103	0.06
2	Body	N7	507000	2535	CP-OFDM 64QAM	Rear	15mm	\	\	18.84	20.60	0.121	0.181	0.059	0.088	0.18
8	Head	N7	512000	2560	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	16.70	18.20	0.492	0.695	0.207	0.292	-0.08
8	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.172	Note1	16.89	18.20	0.601	0.813	0.255	0.345	-0.15
8	Head	N7	502000	2510	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	16.85	18.20	0.526	0.718	0.224	0.306	-0.06
8	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	16.89	18.20	0.201	0.272	0.096	0.130	0.03
8	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note1	16.89	18.20	0.146	0.197	0.077	0.104	0.19
8	Head	N7	507000	2535	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.89	18.20	0.083	0.112	0.038	0.051	0.12
8	Head	N7	507000	2535	CP-OFDM 16QAM	Cheek Left	0mm	\	Note1	16.71	18.20	0.573	0.808	0.241	0.340	0.07
8	Head	N7	507000	2535	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note2	12.02	13.20	0.121	0.159	0.049	0.064	0.12
8	Body	N7	507000	2535	DFT-s-OFDM QPSK	Front	10mm	\	\	10.89	12.20	0.045	0.061	0.022	0.030	-0.13
8	Body	N7	507000	2535	DFT-s-OFDM QPSK	Rear	10mm	\	\							



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ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	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	Duty Cycle
4	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	16.10	17.50	0.309	0.427	0.141	0.195	-0.15	100.00%
4	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	16.10	17.50	0.403	0.556	0.174	0.240	0.06	100.00%
4	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note1	16.10	17.50	0.337	0.465	0.145	0.200	-0.19	100.00%
4	Head	N38	522000	2610	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.08	17.50	0.666	0.924	0.242	0.336	-0.11	100.00%
4	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A. 175	Note1	16.10	17.50	0.692	0.955	0.280	0.387	-0.08	100.00%
4	Head	N38	516000	2580	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.07	17.50	0.663	0.922	0.242	0.336	0.11	100.00%
4	Head	N38	519000	2595	CP-OFDM 64QAM	Tilt Right	0mm	\	Note1	16.08	17.50	0.684	0.949	0.271	0.376	0.19	100.00%
4	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note2	11.33	12.50	0.107	0.140	0.043	0.056	0.05	100.00%
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	\	10.02	11.50	0.041	0.058	0.017	0.024	-0.16	100.00%
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	\	10.02	11.50	0.043	0.060	0.018	0.025	0.15	100.00%
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Left	10mm	\	\	10.02	11.50	0.037	0.052	0.014	0.020	-0.14	100.00%
4	Body	N38	522000	2610	DFT-s-OFDM QPSK	Top	10mm	\	\	9.97	11.50	0.062	0.088	0.027	0.038	-0.13	100.00%
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Top	10mm	FIG A. 176	\	10.02	11.50	0.069	0.097	0.030	0.042	-0.09	100.00%
4	Body	N38	516000	2580	DFT-s-OFDM QPSK	Top	10mm	\	\	9.96	11.50	0.068	0.097	0.029	0.041	-0.08	100.00%
4	Body	N38	519000	2595	CP-OFDM 64QAM	Top	10mm	\	\	9.97	11.50	0.065	0.092	0.027	0.038	0.01	100.00%
4	Body	N38	522000	2610	DFT-s-OFDM QPSK	Front	15mm	\	\	19.31	20.70	0.086	0.118	0.048	0.066	0.02	100.00%
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	15mm	FIG A. 177	\	19.35	20.70	0.092	0.126	0.051	0.070	0.15	100.00%
4	Body	N38	516000	2580	DFT-s-OFDM QPSK	Front	15mm	\	\	19.30	20.70	0.090	0.124	0.049	0.068	0.01	100.00%
4	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	15mm	\	\	19.35	20.70	0.082	0.112	0.047	0.064	-0.13	100.00%
4	Body	N38	519000	2595	CP-OFDM 64QAM	Front	15mm	\	\	19.31	20.70	0.087	0.120	0.049	0.067	0.11	100.00%
1	Head	N38	522000	2610	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	20.61	21.50	0.104	0.128	0.053	0.065	-0.15	100.00%
1	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A. 178	\	20.66	21.50	0.117	0.142	0.057	0.069	0.16	100.00%
1	Head	N38	516000	2580	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	20.56	21.50	0.102	0.127	0.053	0.066	-0.03	100.00%
1	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	20.66	21.50	0.043	0.052	0.028	0.034	-0.18	100.00%
1	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	20.66	21.50	0.056	0.068	0.034	0.041	0.15	100.00%
1	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	20.66	21.50	0.039	0.047	0.024	0.029	-0.1	100.00%
1	Head	N38	519000	2595	CP-OFDM 64QAM	Cheek Left	0mm	\	\	20.65	21.50	0.114	0.139	0.054	0.066	-0.09	100.00%
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	\	14.42	15.50	0.104	0.133	0.038	0.049	-0.04	100.00%
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	\	14.42	15.50	0.138	0.177	0.073	0.094	-0.17	100.00%
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Left	10mm	\	\	14.42	15.50	0.064	0.082	0.022	0.028	-0.07	100.00%
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Right	10mm	\	\	14.42	15.50	0.056	0.072	0.019	0.024	0.09	100.00%
1	Body	N38	522000	2610	DFT-s-OFDM QPSK	Bottom	10mm	FIG A. 179	\	14.39	15.50	0.183	0.236	0.082	0.106	-0.12	100.00%
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Bottom	10mm	\	\	14.42	15.50	0.140	0.180	0.076	0.097	-0.17	100.00%
1	Body	N38	516000	2580	DFT-s-OFDM QPSK	Bottom	10mm	\	\	14.35	15.50	0.110	0.143	0.059	0.077	-0.02	100.00%
1	Body	N38	519000	2595	CP-OFDM 64QAM	Bottom	10mm	\	\	14.41	15.50	0.136	0.175	0.073	0.094	0.05	100.00%
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	15mm	\	\	20.66	21.50	0.123	0.149	0.064	0.078	-0.02	100.00%
1	Body	N38	522000	2610	DFT-s-OFDM QPSK	Rear	15mm	\	\	20.61	21.50	0.138	0.169	0.070	0.086	0.18	100.00%
1	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	15mm	FIG A. 180	\	20.66	21.50	0.172	0.209	0.091	0.110	0.09	100.00%
1	Body	N38	516000	2580	DFT-s-OFDM QPSK	Rear	15mm	\	\	20.56	21.50	0.136	0.169	0.070	0.087	0.15	100.00%
1	Body	N38	519000	2595	CP-OFDM 64QAM	Rear	15mm	\	\	20.65	21.50	0.167	0.203	0.083	0.101	0.11	100.00%
2	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	19.19	20.60	0.568	0.786	0.247	0.342	-0.16	100.00%
2	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	19.19	20.60	0.448	0.605	0.078	0.108	-0.1	100.00%
2	Head	N38	522000	2610	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note1	19.14	20.60	0.479	0.270	0.213	0.298	0.19	100.00%
2	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A. 181	Note1	19.19	20.60	0.584	0.808	0.253	0.350	-0.01	100.00%
2	Head	N38	516000	2580	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note1	19.15	20.60	0.541	0.755	0.239	0.334	-0.1	100.00%
2	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	19.19	20.60	0.236	0.327	0.123	0.170	-0.19	100.00%
2	Head	N38	519000	2595	CP-OFDM 64QAM	Cheek Right	0mm	\	Note1	19.18	20.60	0.577	0.800	0.248	0.344	0.15	100.00%
2	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note2	14.38	15.60	0.134	0.177	0.056	0.074	0.05	100.00%
2	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	\	13.08	14.60	0.030	0.043	0.015	0.021	-0.19	100.00%
2	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	\	13.08	14.60	0.030	0.043	0.016	0.023	-0.16	100.00%
2	Body	N38	522000	2610	DFT-s-OFDM QPSK	Left	10mm	\	\	13.04	14.60	0.089	0.127	0.042	0.060	0.17	100.00%
2	Body	N38	519000	2595	DFT-s-OFDM QPSK	Left	10mm	FIG A. 182	\	13.08	14.60	0.108	0.153	0.050	0.071	0.13	100.00%
2	Body	N38	516000	2580	DFT-s-OFDM QPSK	Left	10mm	\	\	13.05	14.60	0.100	0.143	0.047	0.067	0.09	100.00%
2	Body	N38	519000	2595	CP-OFDM 64QAM	Left	10mm	\	\	13.07	14.60	0.102	0.145	0.047	0.067	0.06	100.00%
2	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	15mm	\	\	19.19	20.60	0.113	0.156	0.064	0.086	0.07	100.00%
2	Body	N38	522000	2610	DFT-s-OFDM QPSK	Rear	15mm	\	\	19.14	20.60	0.123	0.172	0.066	0.092	0.02	100.00%
2	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	15mm	FIG A. 183	\	19.19	20.60	0.132	0.183	0.072	0.100	0.01	100.00%
2	Body	N38	516000	2580	DFT-s-OFDM QPSK	Rear	15mm	\	\	19.15	20.60	0.117	0.163	0.060	0.084	0.15	100.00%
2	Body	N38	519000	2595	CP-OFDM 64QAM	Rear	15mm	\	\	19.18	20.60	0.128	0.178	0.067	0.093	0.16	100.00%
8	Head	N38	522000	2610	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	16.39	17.70	0.362	0.489	0.147	0.199	-0.07	100.00%
8	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	16.42	17.70	0.343	0.461	0.144	0.193	0.03	100.00%
8	Head	N38	516000	2580	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A. 184	Note1	16.34	17.70	0.386	0.528	0.161	0.220	-0.09	100.00%
8	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	16.42	17.70	0.141	0.189	0.065	0.087	0.05	100.00%
8	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note1	16.42	17.70	0.079	0.106	0.040	0.054	0.13	100.00%
8	Head	N38	519000	2595	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.42	17.70	0.048	0.064	0.022	0.030	-0.01	100.00%
8	Head	N38	519000	2595	CP-OFDM 64QAM	Cheek Left	0mm	\	Note1	16.37	17.70	0.331	0.450	0.139	0.189	-0.15	100.00%
8	Head	N38	519000	2595	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note2	11.76	12.70	0.096	0.119	0.034	0.042	0.03	100.00%
8	Body	N38	519000	2595	DFT-s-OFDM QPSK	Front	10mm	\	\	10.26	11.70	0.039	0.054	0.021	0.029	-0.02	100.00%
8	Body	N38	519000	2595	DFT-s-OFDM QPSK	Rear	10mm	\	\	10.26	11.70	0.035	0.049	0.019	0.026	0.14	100.00%
8	Body	N38	522000	2610	DFT-s-OFDM QPSK	Right	10mm	\	\	10.24	11.70	0.072	0.101	0.027	0.038	-0.02	100.00%
8	Body	N38	519000	2595	DFT-s-OFDM QPSK	Right	10mm	\	\	10.26	11.70	0.068	0.095	0.026	0.036	0.12	100.00%
8	Body	N38	516000	2580	DFT-s-OFDM QPSK	Right	10mm	FIG A. 185	\	10.21	11.70	0.081	0.114	0.030	0.042	0.12	100.00%
8	Body	N38	519000	2595	DFT-s-OFDM QPSK	Top	10mm	\	\	10.26	11.70	0.031	0.043	0.016	0.022	0.14	100.00%
8	Body	N38	519000	2595	CP-OFDM 64QAM	Right	10mm	\	\	10.25	11.70	0.064	0.089	0.025	0.035	0.19	100.00%

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	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 Df	Duty Cycle
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	16.07	17.40	0.275	0.374	0.141	0.192	-0.16	100.00%
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	16.07	17.40	0.372	0.505	0.186	0.253	-0.09	100.00%
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note1	16.07	17.40	0.505	0.686	0.228	0.310	-0.07	100.00%
4	Head	N41	535998	2679.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.02	17.40	0.610	0.838	0.258	0.355	-0.03	100.00%
4	Head	N41	527298	2636.49	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.03	17.40	0.664	0.910	0.280	0.384	-0.14	100.00%
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.187	Note1	16.07	17.40	0.747	1.015	0.303	0.412	-0.01	100.00%
4	Head	N41	509898	2549.49	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.00	17.40	0.650	0.897	0.276	0.381	0.09	100.00%
4	Head	N41	501204	2506.02	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.05	17.40	0.698	0.952	0.300	0.409	0.02	100.00%
4	Head	N41	518598	2592.99	CP-OFDM 256QAM	Tilt Right	0mm	\	Note1	16.03	17.40	0.721	0.988	0.293	0.402	0.15	100.00%
4	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note2	11.27	12.40	0.068	0.088	0.034	0.044	0.15	100.00%
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	\	10.36	11.40	0.032	0.041	0.015	0.019	-0.18	100.00%
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	\	\	10.36	11.40	0.027	0.034	0.014	0.018	-0.11	100.00%
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Left	10mm	\	\	10.36	11.40	0.023	0.029	0.009	0.011	-0.02	100.00%
4	Body	N41	535998	2679.99	DFT-s-OFDM QPSK	Top	10mm	\	\	10.16	11.40	0.054	0.072	0.025	0.033	0.15	100.00%
4	Body	N41	527298	2636.49	DFT-s-OFDM QPSK	Top	10mm	\	\	10.19	11.40	0.059	0.078	0.027	0.036	-0.02	100.00%
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Top	10mm	FIG A.188	\	10.36	11.40	0.066	0.084	0.029	0.037	0.12	100.00%
4	Body	N41	509898	2549.49	DFT-s-OFDM QPSK	Top	10mm	\	\	10.11	11.40	0.057	0.077	0.027	0.036	0.06	100.00%
4	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Top	10mm	\	\	10.35	11.40	0.062	0.079	0.029	0.037	-0.18	100.00%
4	Body	N41	518598	2592.99	CP-OFDM 256QAM	Top	10mm	\	\	10.19	11.40	0.061	0.081	0.026	0.034	0.08	100.00%
4	Body	N41	535998	2679.99	DFT-s-OFDM QPSK	Front	15mm	\	\	19.33	20.70	0.074	0.101	0.040	0.055	0.15	100.00%
4	Body	N41	527298	2636.49	DFT-s-OFDM QPSK	Front	15mm	\	\	19.35	20.70	0.081	0.111	0.043	0.059	0.08	100.00%
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	15mm	FIG A.189	\	19.41	20.70	0.091	0.122	0.047	0.063	-0.11	100.00%
4	Body	N41	509898	2549.49	DFT-s-OFDM QPSK	Front	15mm	\	\	19.29	20.70	0.079	0.109	0.043	0.059	-0.06	100.00%
4	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Front	15mm	\	\	19.36	20.70	0.085	0.116	0.046	0.063	-0.06	100.00%
4	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	15mm	\	\	19.41	20.70	0.071	0.096	0.039	0.052	0.05	100.00%
4	Body	N41	518598	2592.99	CP-OFDM 256QAM	Front	15mm	\	\	19.35	20.70	0.087	0.119	0.043	0.059	0.15	100.00%
1	Head	N41	535998	2679.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	20.21	21.60	0.099	0.136	0.048	0.066	0.16	100.00%
1	Head	N41	527298	2636.49	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.190	\	20.29	21.60	0.121	0.164	0.057	0.077	-0.14	100.00%
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	20.48	21.60	0.107	0.138	0.051	0.066	0.16	100.00%
1	Head	N41	509898	2549.49	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	20.32	21.60	0.072	0.097	0.036	0.048	-0.16	100.00%
1	Head	N41	501204	2506.02	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	20.35	21.60	0.072	0.096	0.034	0.045	-0.09	100.00%
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	20.48	21.60	0.034	0.044	0.016	0.021	0.05	100.00%
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	20.48	21.60	0.071	0.092	0.033	0.043	0.1	100.00%
1	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	20.48	21.60	0.044	0.057	0.021	0.027	0.09	100.00%
1	Head	N41	518598	2592.99	CP-OFDM 256QAM	Cheek Left	0mm	\	\	20.36	21.60	0.097	0.129	0.043	0.057	0.11	100.00%
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	\	14.11	15.50	0.070	0.096	0.034	0.047	0.05	100.00%
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	\	\	14.11	15.50	0.117	0.161	0.056	0.077	0.08	100.00%
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Left	10mm	\	\	14.11	15.50	0.038	0.052	0.023	0.032	-0.12	100.00%
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Right	10mm	\	\	14.11	15.50	0.035	0.048	0.020	0.028	-0.13	100.00%
1	Body	N41	535998	2679.99	DFT-s-OFDM QPSK	Bottom	10mm	\	\	14.03	15.50	0.140	0.196	0.063	0.088	-0.1	100.00%
1	Body	N41	527298	2636.49	DFT-s-OFDM QPSK	Bottom	10mm	\	\	14.06	15.50	0.154	0.215	0.069	0.098	0.19	100.00%
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Bottom	10mm	\	\	14.11	15.50	0.155	0.213	0.071	0.098	0.13	100.00%
1	Body	N41	509898	2549.49	DFT-s-OFDM QPSK	Bottom	10mm	FIG A.191	\	14.06	15.50	0.163	0.227	0.074	0.103	0.18	100.00%
1	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Bottom	10mm	\	\	14.07	15.50	0.154	0.214	0.071	0.099	0.04	100.00%
1	Body	N41	518598	2592.99	CP-OFDM 256QAM	Bottom	10mm	\	\	14.01	15.50	0.149	0.210	0.067	0.094	0.05	100.00%
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	15mm	\	\	20.35	21.50	0.110	0.143	0.058	0.076	0.03	100.00%
1	Body	N41	535998	2679.99	DFT-s-OFDM QPSK	Rear	15mm	\	\	20.07	21.50	0.124	0.172	0.065	0.090	-0.04	100.00%
1	Body	N41	527298	2636.49	DFT-s-OFDM QPSK	Rear	15mm	\	\	20.15	21.50	0.136	0.186	0.071	0.097	0.04	100.00%
1	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	15mm	\	\	20.35	21.50	0.143	0.186	0.075	0.098	0.16	100.00%
1	Body	N41	509898	2549.49	DFT-s-OFDM QPSK	Rear	15mm	FIG A.192	\	20.18	21.50	0.144	0.195	0.076	0.103	-0.05	100.00%
1	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Rear	15mm	\	\	20.21	21.50	0.136	0.183	0.073	0.098	-0.12	100.00%
1	Body	N41	518598	2592.99	CP-OFDM 256QAM	Rear	15mm	\	\	20.32	21.50	0.136	0.178	0.069	0.091	0.02	100.00%
2	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	19.10	20.50	0.356	0.491	0.171	0.236	-0.11	100.00%
2	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	19.10	20.50	0.077	0.106	0.042	0.058	-0.07	100.00%
2	Head	N41	535998	2679.99	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	19.05	20.50	0.299	0.418	0.143	0.200	0.16	100.00%
2	Head	N41	527298	2636.49	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	19.07	20.50	0.381	0.530	0.182	0.253	-0.1	100.00%
2	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A.193	\	19.10	20.50	0.432	0.596	0.197	0.272	0.02	100.00%
2	Head	N41	509898	2549.49	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	18.80	20.50	0.401	0.593	0.187	0.277	-0.16	100.00%
2	Head	N41	501204	2506.02	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	18.90	20.50	0.411	0.594	0.192	0.278	0.07	100.00%
2	Head	N41	518598	2592.99	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	19.10	20.50	0.185	0.255	0.094	0.130	0.08	100.00%
2	Head	N41	518598	2592.99	CP-OFDM 256QAM	Cheek Right	0mm	\	\	19.08	20.50	0.417	0.578	0.189	0.262	0.15	100.00%
2	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	10mm	\	\	12.95	14.50	0.035	0.050	0.017	0.024	-0.1	100.00%
2	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	10mm	\	\	12.95	14.50	0.036	0.051	0.019	0.027	-0.13	100.00%
2	Body	N41	535998	2679.99	DFT-s-OFDM QPSK	Left	10mm	\	\	12.94	14.50	0.098	0.140	0.048	0.069	0.13	100.00%
2	Body	N41	527298	2636.49	DFT-s-OFDM QPSK	Left	10mm	\	\	12.94	14.50	0.103	0.148	0.051	0.073	-0.19	100.00%
2	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Left	10mm	FIG A.194	\	12.95	14.50	0.110	0.157	0.053	0.076	0.01	100.00%
2	Body	N41	509898	2549.49	DFT-s-OFDM QPSK	Left	10mm	\	\	12.89	14.50	0.096	0.139	0.048	0.070	-0.09	100.00%
2	Body	N41	501204	2506.02	DFT-s-OFDM QPSK	Left	10mm	\	\	12.91	14.50	0.087	0.125	0.044	0.063	-0.18	100.00%
2	Body	N41	518598	2592.99	CP-OFDM 256QAM	Left	10mm	\	\	12.94	14.50	0.107	0.153	0.051	0.073	-0.06	100.00%
2	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Front	15mm	\	\	19.10	20.50	0.098	0.135	0.051	0.070	-0.18	100.00%
2	Body	N41	535998	2679.99	DFT-s-OFDM QPSK	Rear	15mm	\	\	19.05	20.50	0.110	0.154	0.058	0.081	-0.12	100.00%
2	Body	N41	527298	2636.49	DFT-s-OFDM QPSK	Rear	15mm	\	\	19.07	20.50	0.125	0.174	0.064	0.089	0.07	100.00%
2	Body	N41	518598	2592.99	DFT-s-OFDM QPSK	Rear	15mm	FIG A.195	\	19.10	20.50	0.133	0.184	0.072	0.099	0.03	100.00%
2	Body	N41	509898	2549.49	DFT-s-OFDM QPSK	Rear	15mm	\									



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	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	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	16.85	18.30	0.177	0.247	0.112	0.156	-0.11
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	16.85	18.30	0.269	0.376	0.157	0.219	-0.16
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	16.85	18.30	0.434	0.606	0.239	0.334	0.13
4	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	16.68	18.30	0.619	0.899	0.297	0.431	-0.06
4	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.199	\	16.85	18.30	0.719	1.004	0.348	0.486	0.06
4	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	16.75	18.30	0.536	0.766	0.261	0.373	0.03
4	Head	N66	349000	1745	CP-OFDM 64QAM	Tilt Right	0mm	\	\	16.79	18.30	0.701	0.992	0.333	0.471	0.19
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	\	10.69	12.30	0.036	0.052	0.019	0.028	-0.18
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	\	10.69	12.30	0.031	0.045	0.015	0.022	-0.06
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	\	\	10.69	12.30	0.028	0.041	0.011	0.016	0.1
4	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Top	10mm	\	\	10.52	12.30	0.067	0.101	0.035	0.053	0.01
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Top	10mm	FIG A.200	\	10.69	12.30	0.087	0.126	0.045	0.065	0.15
4	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Top	10mm	\	\	10.58	12.30	0.058	0.086	0.031	0.046	0.07
4	Body	N66	349000	1745	CP-OFDM 64QAM	Top	10mm	\	\	10.62	12.30	0.083	0.122	0.041	0.060	0.11
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	15mm	\	\	20.19	21.70	0.035	0.050	0.021	0.030	-0.09
4	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	15mm	\	\	19.98	21.70	0.074	0.110	0.041	0.061	0.05
4	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	15mm	FIG A.201	\	20.19	21.70	0.079	0.112	0.044	0.062	0.12
4	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	15mm	\	\	20.09	21.70	0.069	0.100	0.040	0.058	0.11
4	Body	N66	349000	1745	CP-OFDM 64QAM	Rear	15mm	\	\	20.15	21.70	0.074	0.106	0.041	0.059	0.09
1	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.38	25.70	0.267	0.362	0.169	0.229	0.07
1	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	24.55	25.70	0.270	0.352	0.169	0.220	-0.03
1	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.202	\	24.47	25.70	0.289	0.394	0.185	0.246	-0.09
1	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	24.55	25.70	0.097	0.126	0.058	0.076	0.05
1	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	24.55	25.70	0.145	0.189	0.093	0.121	-0.12
1	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	24.55	25.70	0.103	0.134	0.061	0.079	0.06
1	Head	N66	349000	1745	CP-OFDM QPSK	Cheek Left	0mm	\	\	24.06	25.20	0.254	0.330	0.162	0.211	0.11
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	\	16.68	17.80	0.105	0.136	0.058	0.075	-0.11
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	\	16.68	17.80	0.143	0.185	0.078	0.101	-0.17
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	\	\	16.68	17.80	0.043	0.056	0.023	0.030	0.15
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Right	10mm	\	\	16.68	17.80	0.042	0.054	0.022	0.028	-0.02
1	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Bottom	10mm	\	\	16.56	17.80	0.202	0.269	0.107	0.142	-0.01
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Bottom	10mm	\	\	16.68	17.80	0.204	0.264	0.107	0.138	0.13
1	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Bottom	10mm	FIG A.203	\	16.63	17.80	0.219	0.287	0.117	0.153	0.16
1	Body	N66	349000	1745	CP-OFDM 64QAM	Bottom	10mm	\	\	16.67	17.80	0.199	0.258	0.102	0.132	-0.06
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	15mm	\	\	22.71	23.80	0.153	0.197	0.094	0.121	-0.14
1	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	15mm	\	\	22.55	23.80	0.216	0.288	0.133	0.177	-0.08
1	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	15mm	\	\	22.71	23.80	0.219	0.281	0.133	0.171	0.17
1	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	15mm	FIG A.204	\	22.64	23.80	0.234	0.306	0.145	0.189	-0.03
1	Body	N66	349000	1745	CP-OFDM 16QAM	Rear	15mm	\	\	22.67	23.80	0.203	0.263	0.124	0.161	0.01
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	20.17	21.70	0.339	0.482	0.180	0.256	-0.18
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	20.17	21.70	0.117	0.166	0.068	0.097	0.09
2	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A.205	\	20.16	21.70	0.629	0.897	0.325	0.463	0.06
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	20.17	21.70	0.454	0.646	0.228	0.324	0.07
2	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	20.14	21.70	0.354	0.507	0.180	0.258	0.1
2	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	20.17	21.70	0.229	0.326	0.123	0.175	0.18
2	Head	N66	349000	1745	CP-OFDM 64QAM	Cheek Right	0mm	\	\	20.16	21.70	0.447	0.637	0.223	0.318	0.18
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	\	14.82	15.70	0.045	0.055	0.025	0.031	-0.17
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	\	14.82	15.70	0.042	0.051	0.024	0.029	0.05
2	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Left	10mm	FIG A.206	\	14.72	15.70	0.122	0.153	0.059	0.074	0.17
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Left	10mm	\	\	14.82	15.70	0.109	0.133	0.044	0.054	-0.18
2	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Left	10mm	\	\	14.71	15.70	0.099	0.124	0.041	0.051	0.06
2	Body	N66	349000	1745	CP-OFDM 16QAM	Left	10mm	\	\	14.77	15.70	0.101	0.125	0.041	0.051	0.15
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	15mm	\	\	21.76	23.30	0.126	0.180	0.074	0.105	0.16
2	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	15mm	\	\	21.75	23.30	0.177	0.253	0.103	0.147	-0.13
2	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	15mm	FIG A.207	\	21.76	23.30	0.191	0.272	0.111	0.158	0.03
2	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	15mm	\	\	21.73	23.30	0.176	0.253	0.093	0.134	0.12
2	Body	N66	349000	1745	CP-OFDM QPSK	Rear	15mm	\	\	21.71	23.30	0.186	0.268	0.106	0.153	-0.09
8	Head	N66	355500	1777.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	17.76	19.10	0.627	0.854	0.281	0.383	0.12
8	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.208	Note1	17.98	19.10	0.661	0.855	0.307	0.397	0.03
8	Head	N66	342500	1712.5	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	17.82	19.10	0.559	0.751	0.252	0.338	0.14
8	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	17.98	19.10	0.190	0.246	0.099	0.128	0.05
8	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note1	17.98	19.10	0.184	0.238	0.092	0.119	-0.19
8	Head	N66	349000	1745	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	17.98	19.10	0.053	0.069	0.028	0.036	0.08
8	Head	N66	349000	1745	CP-OFDM QPSK	Cheek Left	0mm	\	Note1	17.97	19.10	0.654	0.848	0.298	0.387	0.07
8	Head	N66	349000	1745	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note2	13.05	14.10	0.158	0.201	0.070	0.089	0.02
8	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	10mm	\	\	12.19	13.10	0.051	0.063	0.024	0.030	-0.01
8	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	10mm	\	\	12.19	13.10	0.045	0.055	0.022	0.027	0.13
8	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Right	10mm	\	\	12.10	13.10	0.092	0.116	0.042	0.053	-0.09
8	Body	N66	349000	1745	DFT-s-OFDM QPSK	Right	10mm	FIG A.209	\	12.19	13.10	0.097	0.120	0.045	0.055	0.18
8	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Right	10mm	\	\	12.15	13.10	0.082	0.102	0.037	0.046	0.05
8	Body	N66	349000	1745	DFT-s-OFDM QPSK	top	10mm	\	\	12.19	13.10	0.039	0.048	0.020	0.025	-0.17
8	Body	N66	349000	1745	CP-OFDM 64QAM	Right	10mm	\	\	12.17	13.10	0.092	0.114	0.041	0.051	0.11
8	Body	N66	349000	1745	DFT-s-OFDM QPSK	Front	15mm	\	\	19.89	21.10	0.066	0.087	0.037	0.049	0.17
8	Body	N66	355500	1777.5	DFT-s-OFDM QPSK	Rear	15mm	\	\	19.75	21.10	0.125	0.171	0.067	0.091	-0.1
8	Body	N66	349000	1745	DFT-s-OFDM QPSK	Rear	15mm	FIG A.210	\	19.89	21.10	0.132	0.174	0.073	0.096	0.12
8	Body	N66	342500	1712.5	DFT-s-OFDM QPSK	Rear	15mm	\	\	19.83	21.10	0.111	0.149	0.060	0.080	0.09
8	Body	N66	349000	1745	CP-OFDM QPSK	Rear	15mm	\	\	19.71	21.10	0.128	0.176	0.069	0.095	0.17

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	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	Duty Cycle
4	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	15.04	16.40	0.372	0.509	0.134	0.183	0.04	100.00%
4	Head	N78	636000	3540	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	14.99	16.40	0.637	0.881	0.221	0.306	0.16	100.00%
4	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	15.04	16.40	0.645	0.882	0.229	0.313	-0.01	100.00%
4	Head	N78	630668	3460.02	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	14.99	16.40	0.637	0.881	0.223	0.309	0.17	100.00%
4	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note1	15.04	16.40	0.354	0.484	0.133	0.182	-0.16	100.00%
4	Head	N78	636000	3540	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	14.99	16.40	0.584	0.808	0.200	0.277	-0.05	100.00%
4	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	FIG A.211	Note1	15.04	16.40	0.767	1.049	0.243	0.332	0.03	100.00%
4	Head	N78	630668	3460.02	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	14.99	16.40	0.647	0.895	0.210	0.291	0.09	100.00%
4	Head	N78	633334	3500.01	CP-OFDM 16QAM	Tilt Right	0mm	\	Note1	14.99	16.40	0.748	1.035	0.231	0.320	0.08	100.00%
4	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note2	9.94	11.40	0.086	0.120	0.024	0.034	0.19	100.00%
4	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note2	9.94	11.40	0.145	0.203	0.049	0.069	0.19	100.00%
4	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	\	9.15	10.40	0.041	0.055	0.013	0.017	-0.05	100.00%
4	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	9.15	10.40	0.045	0.060	0.014	0.019	-0.13	100.00%
4	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Left	10mm	\	\	9.15	10.40	0.033	0.044	0.011	0.015	-0.16	100.00%
4	Body	N78	636000	3540	DFT-s-OFDM QPSK	Top	10mm	\	\	9.01	10.40	0.080	0.110	0.027	0.037	0.16	100.00%
4	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	FIG A.212	\	9.15	10.40	0.104	0.139	0.032	0.043	0.15	100.00%
4	Body	N78	630668	3460.02	DFT-s-OFDM QPSK	Top	10mm	\	\	9.01	10.40	0.088	0.121	0.027	0.037	0.09	100.00%
4	Body	N78	633334	3500.01	CP-OFDM 16QAM	Top	10mm	\	\	9.01	10.40	0.096	0.132	0.028	0.039	0.03	100.00%
4	Body	N78	636000	3540	DFT-s-OFDM QPSK	Front	15mm	\	\	18.51	19.90	0.069	0.095	0.033	0.045	-0.11	100.00%
4	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Front	15mm	FIG A.213	\	18.55	19.90	0.091	0.124	0.040	0.055	-0.02	100.00%
4	Body	N78	630668	3460.02	DFT-s-OFDM QPSK	Front	15mm	\	\	18.51	19.90	0.077	0.106	0.035	0.048	0.17	100.00%
4	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Rear	15mm	\	\	18.55	19.90	0.083	0.113	0.037	0.050	0.02	100.00%
4	Body	N78	633334	3500.01	CP-OFDM 16QAM	Front	15mm	\	\	18.51	19.90	0.087	0.120	0.036	0.050	0.01	100.00%
6	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	16.69	17.60	0.420	0.518	0.147	0.181	0.13	100.00%
6	Head	N78	636000	3540	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	16.45	17.60	0.481	0.627	0.178	0.232	-0.03	100.00%
6	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	FIG A.214	Note1	16.69	17.60	0.571	0.704	0.201	0.248	0.08	100.00%
6	Head	N78	630668	3460.02	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	16.49	17.60	0.518	0.669	0.188	0.243	0.03	100.00%
6	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note1	16.69	17.60	0.296	0.365	0.102	0.126	-0.01	100.00%
6	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.69	17.60	0.413	0.509	0.145	0.179	-0.11	100.00%
6	Head	N78	633334	3500.01	CP-OFDM 16QAM	Tilt Left	0mm	\	Note1	16.60	17.60	0.552	0.695	0.197	0.248	0.07	100.00%
6	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note2	11.23	12.60	<0.01	<0.01	<0.01	<0.01	0.00	100.00%
6	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note2	11.23	12.60	0.031	0.042	0.007	0.010	-0.07	100.00%
6	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	\	10.51	11.60	0.030	0.039	0.013	0.017	-0.01	100.00%
6	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	10.51	11.60	0.025	0.032	0.011	0.014	-0.19	100.00%
6	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Right	10mm	\	\	10.51	11.60	0.022	0.028	0.010	0.013	0.13	100.00%
6	Body	N78	636000	3540	DFT-s-OFDM QPSK	Top	10mm	\	\	10.36	11.60	0.054	0.072	0.020	0.027	0.01	100.00%
6	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Top	10mm	FIG A.215	\	10.51	11.60	0.066	0.085	0.024	0.031	0.09	100.00%
6	Body	N78	630668	3460.02	DFT-s-OFDM QPSK	Top	10mm	\	\	10.39	11.60	0.062	0.082	0.023	0.030	-0.13	100.00%
6	Body	N78	633334	3500.01	CP-OFDM 16QAM	Top	10mm	\	\	10.30	11.60	0.051	0.069	0.019	0.026	0.15	100.00%
6	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Front	15mm	\	\	17.88	18.80	0.049	0.061	0.018	0.022	0.03	100.00%
6	Body	N78	636000	3540	DFT-s-OFDM QPSK	Rear	15mm	\	\	17.84	18.80	0.061	0.076	0.026	0.032	0.02	100.00%
6	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Rear	15mm	FIG A.216	\	17.88	18.80	0.072	0.089	0.029	0.036	0.06	100.00%
6	Body	N78	630668	3460.02	DFT-s-OFDM QPSK	Rear	15mm	\	\	17.84	18.80	0.064	0.080	0.028	0.035	0.15	100.00%
6	Body	N78	633334	3500.01	CP-OFDM 16QAM	Rear	15mm	\	\	17.79	18.80	0.069	0.087	0.027	0.034	0.01	100.00%
2	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	\	17.85	19.10	0.163	0.217	0.073	0.097	0.07	100.00%
2	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	\	17.85	19.10	0.149	0.199	0.065	0.073	0.03	100.00%
2	Head	N78	636000	3540	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	17.49	19.10	0.447	0.648	0.167	0.242	0.14	100.00%
2	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	\	17.85	19.10	0.465	0.620	0.186	0.248	0.15	100.00%
2	Head	N78	630668	3460.02	DFT-s-OFDM QPSK	Cheek Right	0mm	FIG A.217	\	17.77	19.10	0.481	0.653	0.187	0.254	0.17	100.00%
2	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	\	17.85	19.10	0.155	0.207	0.054	0.072	-0.07	100.00%
2	Head	N78	633334	3500.01	CP-OFDM 64QAM	Cheek Right	0mm	\	\	17.68	19.10	0.458	0.635	0.179	0.248	-0.09	100.00%
2	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	\	11.56	13.10	0.030	0.043	0.011	0.016	0.09	100.00%
2	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	11.56	13.10	0.028	0.040	0.010	0.014	-0.07	100.00%
2	Body	N78	636000	3540	DFT-s-OFDM QPSK	Left	10mm	\	\	11.51	13.10	0.052	0.075	0.018	0.026	0.19	100.00%
2	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Left	10mm	\	\	11.56	13.10	0.050	0.071	0.017	0.024	0.11	100.00%
2	Body	N78	630668	3460.02	DFT-s-OFDM QPSK	Left	10mm	FIG A.218	\	11.50	13.10	0.054	0.078	0.019	0.027	-0.13	100.00%
2	Body	N78	633334	3500.01	CP-OFDM 64QAM	Left	10mm	\	\	11.35	13.10	0.047	0.070	0.015	0.022	-0.09	100.00%
2	Body	N78	636000	3540	DFT-s-OFDM QPSK	Front	15mm	\	\	18.11	19.70	0.041	0.059	0.017	0.025	0.03	100.00%
2	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Front	15mm	\	\	18.18	19.70	0.043	0.061	0.018	0.026	-0.14	100.00%
2	Body	N78	630668	3460.02	DFT-s-OFDM QPSK	Front	15mm	FIG A.219	\	18.17	19.70	0.047	0.067	0.020	0.028	-0.11	100.00%
2	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Rear	15mm	\	\	18.18	19.70	0.039	0.055	0.017	0.024	-0.19	100.00%
2	Body	N78	633334	3500.01	CP-OFDM 64QAM	Front	15mm	\	\	18.11	19.70	0.039	0.056	0.016	0.023	0.17	100.00%
7	Head	N78	636000	3540	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	16.76	17.80	0.580	0.737	0.233	0.296	0.11	100.00%
7	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note1	16.83	17.80	0.569	0.711	0.239	0.299	0.14	100.00%
7	Head	N78	630668	3460.02	DFT-s-OFDM QPSK	Cheek Left	0mm	FIG A.220	Note1	16.72	17.80	0.644	0.826	0.262	0.336	0.03	100.00%
7	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note1	16.83	17.80	0.427	0.534	0.174	0.218	-0.17	100.00%
7	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Cheek Right	0mm	\	Note1	16.83	17.80	0.082	0.103	0.034	0.043	0.15	100.00%
7	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Tilt Right	0mm	\	Note1	16.83	17.80	0.078	0.098	0.031	0.039	-0.11	100.00%
7	Head	N78	633334	3500.01	CP-OFDM 16QAM	Cheek Left	0mm	\	Note1	16.81	17.80	0.554	0.696	0.229	0.288	0.01	100.00%
7	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Cheek Left	0mm	\	Note2	11.31	12.80	0.025	0.035	0.009	0.013	-0.17	100.00%
7	Head	N78	633334	3500.01	DFT-s-OFDM QPSK	Tilt Left	0mm	\	Note2	11.31	12.80	0.017	0.024	0.006	0.008	0.05	100.00%
7	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Front	10mm	\	\	10.67	11.80	0.022	0.029	0.010	0.013	-0.06	100.00%
7	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Rear	10mm	\	\	10.67	11.80	0.025	0.032	0.012	0.0		

15.3 SAR results for WLAN

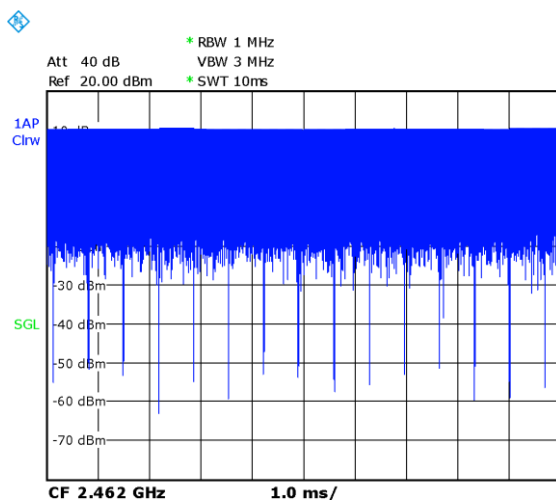
The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default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

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

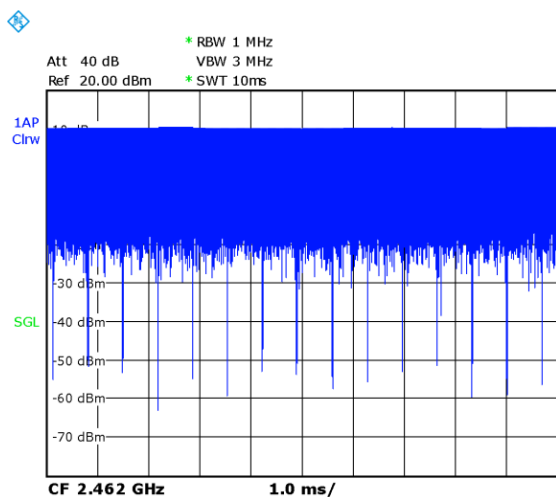
SAR Test reduction was applied from KDB 248227 guidance, when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest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

Duty factor plot

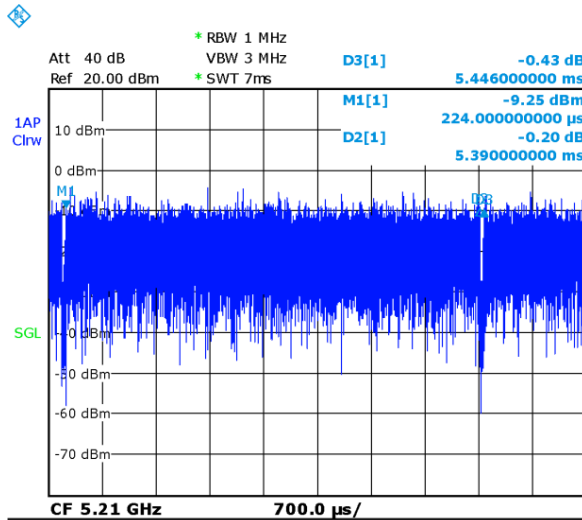
CH11 ANT6



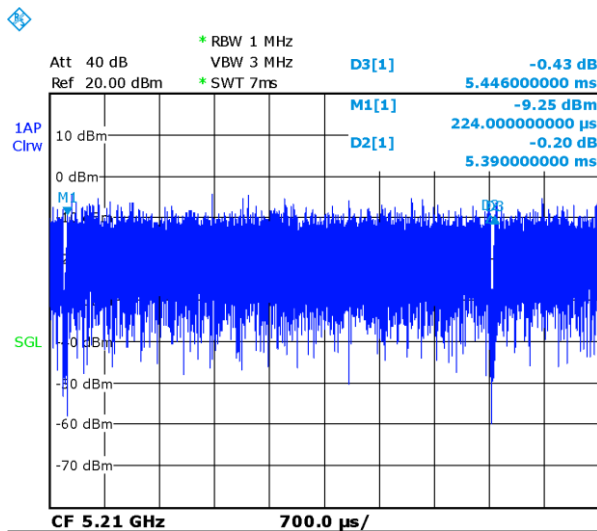
CH11 ANT8



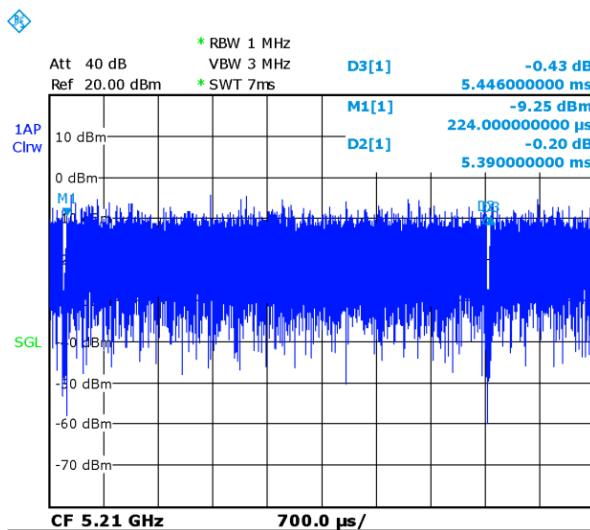
CH42 ANT6



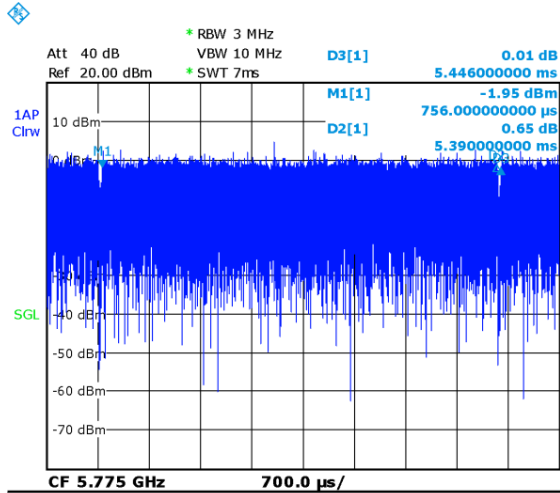
CH50 ANT6



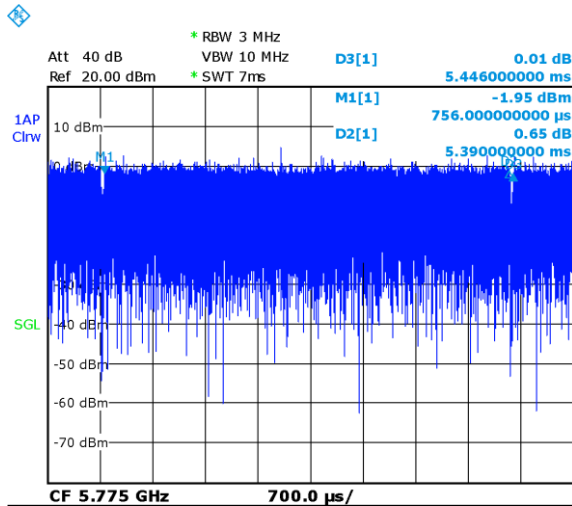
CH114 ANT6



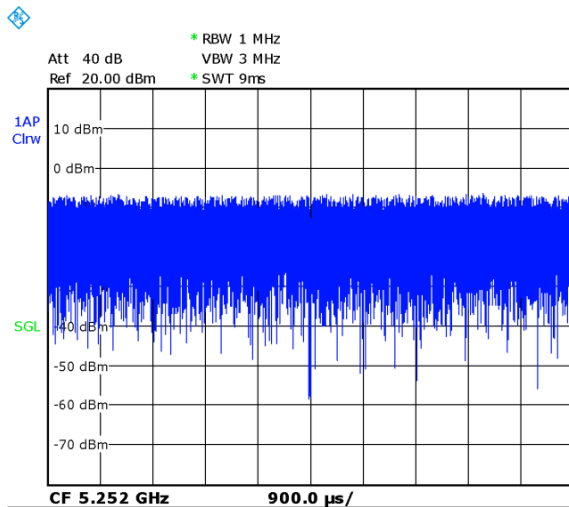
CH155 ANT6



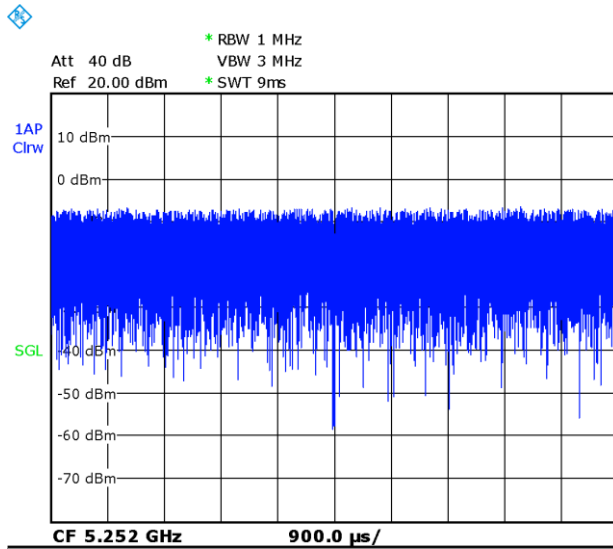
CH42 ANT7



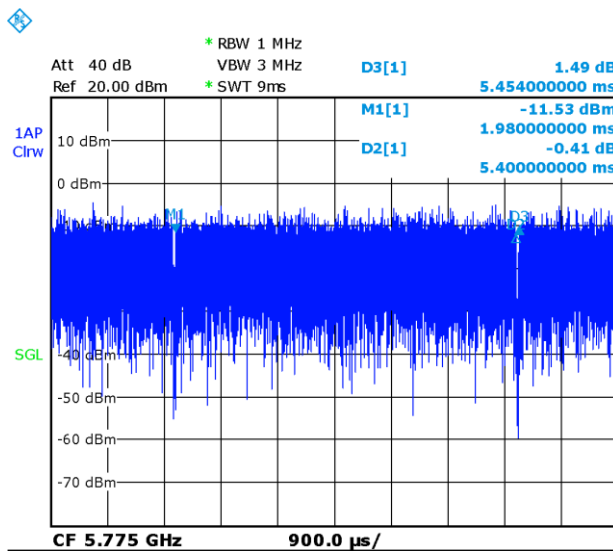
CH50 ANT7



CH114 ANT7



CH155 ANT7



WLAN 2.4G

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
6	Head	WLAN2.4G	11	2462	11b	Cheek Left	0mm	\	Note1	100.00%	12.59	13.50	0.187	0.231	0.094	0.116	0.12
6	Head	WLAN2.4G	11	2462	11b	Tilt Left	0mm	FIG A.224	Note1	100.00%	12.59	13.50	0.420	0.518	0.158	0.195	-0.05
6	Head	WLAN2.4G	11	2462	11b	Cheek Right	0mm	\	Note1	100.00%	12.59	13.50	0.170	0.210	0.078	0.096	-0.03
6	Head	WLAN2.4G	11	2462	11b	Tilt Right	0mm	\	Note1	100.00%	12.59	13.50	0.173	0.213	0.075	0.092	0.02
6	Head	WLAN2.4G	11	2462	11b	Cheek Left	0mm	\	Note2	100.00%	9.53	10.50	0.122	0.153	0.055	0.069	0.1
6	Head	WLAN2.4G	11	2462	11b	Tilt Left	0mm	\	Note2	100.00%	9.53	10.50	0.160	0.200	0.062	0.078	0.02
6	Head	WLAN2.4G	11	2462	11b	Cheek Right	0mm	\	Note2	100.00%	9.53	10.50	0.062	0.078	0.031	0.039	0.15
6	Head	WLAN2.4G	11	2462	11b	Tilt Right	0mm	\	Note2	100.00%	9.53	10.50	0.061	0.076	0.029	0.036	0.18
6	Body	WLAN2.4G	11	2462	11b	Front	10mm	\	\	100.00%	12.59	13.50	0.036	0.044	0.017	0.021	0.03
6	Body	WLAN2.4G	11	2462	11b	Rear	10mm	\	\	100.00%	12.59	13.50	0.029	0.036	0.014	0.017	-0.17
6	Body	WLAN2.4G	11	2462	11b	Right	10mm	\	\	100.00%	12.59	13.50	0.024	0.030	0.010	0.012	0.01
6	Body	WLAN2.4G	11	2462	11b	Top	10mm	FIG A.225	\	100.00%	12.59	13.50	0.063	0.078	0.026	0.032	-0.01
6	Body	WLAN2.4G	11	2462	11b	Front	15mm	\	Note3	100.00%	14.60	15.50	0.021	0.026	0.010	0.012	0.07
6	Body	WLAN2.4G	11	2462	11b	Rear	15mm	FIG A.226	Note3	100.00%	14.60	15.50	0.039	0.048	0.019	0.023	0.11
6	Body	WLAN2.4G	11	2462	11b	Front	15mm	\	Note4	100.00%	12.59	13.50	0.014	0.017	0.007	0.009	0.12
6	Body	WLAN2.4G	11	2462	11b	Rear	15mm	\	Note4	100.00%	12.59	13.50	0.024	0.030	0.010	0.012	-0.03
6	Body	WLAN2.4G	11	2462	11b	Front	15mm	\	Note5	100.00%	10.60	11.50	0.008	0.010	0.003	0.004	0.16
6	Body	WLAN2.4G	11	2462	11b	Rear	15mm	\	Note5	100.00%	10.60	11.50	0.009	0.011	0.003	0.004	0.11
8	Head	WLAN2.4G	11	2462	11b	Cheek Left	0mm	FIG A.227	Note1	100.00%	12.51	13.50	0.262	0.329	0.108	0.136	0.14
8	Head	WLAN2.4G	11	2462	11b	Tilt Left	0mm	\	Note1	100.00%	12.51	13.50	0.099	0.124	0.044	0.055	-0.06
8	Head	WLAN2.4G	11	2462	11b	Cheek Right	0mm	\	Note1	100.00%	12.51	13.50	0.095	0.119	0.047	0.059	-0.12
8	Head	WLAN2.4G	11	2462	11b	Tilt Right	0mm	\	Note1	100.00%	12.51	13.50	0.061	0.077	0.039	0.049	0.06
8	Head	WLAN2.4G	11	2462	11b	Cheek Left	0mm	\	Note2	100.00%	9.47	10.50	0.119	0.151	0.047	0.060	0.09
8	Head	WLAN2.4G	11	2462	11b	Tilt Left	0mm	\	Note2	100.00%	9.47	10.50	0.041	0.052	0.023	0.029	-0.18
8	Head	WLAN2.4G	11	2462	11b	Cheek Right	0mm	\	Note2	100.00%	9.47	10.50	0.039	0.049	0.022	0.028	-0.03
8	Head	WLAN2.4G	11	2462	11b	Tilt Right	0mm	\	Note2	100.00%	9.47	10.50	0.031	0.039	0.017	0.022	-0.13
8	Body	WLAN2.4G	11	2462	11b	Front	10mm	\	\	100.00%	12.51	13.50	0.057	0.072	0.026	0.033	0.01
8	Body	WLAN2.4G	11	2462	11b	Rear	10mm	\	\	100.00%	12.51	13.50	0.047	0.059	0.023	0.029	-0.09
8	Body	WLAN2.4G	11	2462	11b	Right	10mm	FIG A.228	\	100.00%	12.51	13.50	0.134	0.168	0.057	0.072	0.13
8	Body	WLAN2.4G	11	2462	11b	Top	10mm	\	\	100.00%	12.51	13.50	0.040	0.050	0.018	0.023	-0.16
8	Body	WLAN2.4G	11	2462	11b	Front	15mm	\	Note3	100.00%	14.43	15.50	0.033	0.042	0.014	0.018	0.07
8	Body	WLAN2.4G	11	2462	11b	Rear	15mm	FIG A.229	Note3	100.00%	14.43	15.50	0.064	0.082	0.031	0.040	-0.04
8	Body	WLAN2.4G	11	2462	11b	Front	15mm	\	Note4	100.00%	12.51	13.50	0.020	0.025	0.008	0.010	0.07
8	Body	WLAN2.4G	11	2462	11b	Rear	15mm	\	Note4	100.00%	12.51	13.50	0.038	0.048	0.016	0.020	0.12
8	Body	WLAN2.4G	11	2462	11b	Front	15mm	\	Note5	100.00%	10.54	11.50	0.015	0.019	0.006	0.007	0.14
8	Body	WLAN2.4G	11	2462	11b	Rear	15mm	\	Note5	100.00%	10.54	11.50	0.019	0.024	0.007	0.009	0.06

Note1: The data is used for WWAN+WIFI2.4G+BT ANT1 head simultaneous transmission and WIFI2.4G head stand-alone

Note2: The data is used for WWAN+WIFI2.4G+WIFI5G+BT ANT1 head simultaneous transmission and WIFI2.4G+WIFI5G+BT ANT1 head simultaneous transmission

Note3: The data is used for WIFI2.4G body stand-alone and WWAN+WIFI2.4G+BT ANT1 body simultaneous transmission

Note4: The data is used for WIFI2.4G+WIFI5G+BT ANT1 body simultaneous transmission

Note5: The data is used for WWAN+WIFI2.4G+WIFI5G+BT ANT1 body simultaneous transmission



WLAN 5G

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
6	Head	WLAN5G	42	5210	11ac-80M	Cheek Left	0mm	\	\	98.97%	8.51	10.00	0.052	0.074	0.015	0.021	0.06
6	Head	WLAN5G	42	5210	11ac-80M	Tilt Left	0mm	\	\	98.97%	8.51	10.00	0.097	0.138	0.024	0.034	-0.12
6	Head	WLAN5G	42	5210	11ac-80M	Cheek Right	0mm	\	\	98.97%	8.51	10.00	0.027	0.038	0.010	0.014	0.14
6	Head	WLAN5G	42	5210	11ac-80M	Tilt Right	0mm	\	\	98.97%	8.51	10.00	0.041	0.058	0.013	0.018	0.15
6	Head	WLAN5G	50	5250	11ac-160M	Cheek Left	0mm	\	\	100.00%	8.88	10.00	0.064	0.083	0.018	0.023	0.09
6	Head	WLAN5G	50	5250	11ac-160M	Tilt Left	0mm	FIG A.230	\	100.00%	8.88	10.00	0.121	0.157	0.030	0.039	0.03
6	Head	WLAN5G	50	5250	11ac-160M	Cheek Right	0mm	\	\	100.00%	8.88	10.00	0.035	0.045	0.011	0.014	-0.06
6	Head	WLAN5G	50	5250	11ac-160M	Tilt Right	0mm	\	\	100.00%	8.88	10.00	0.052	0.067	0.016	0.021	0.19
6	Head	WLAN5G	114	5570	11ac-160M	Cheek Left	0mm	\	\	100.00%	8.11	10.00	0.036	0.056	0.011	0.017	-0.07
6	Head	WLAN5G	114	5570	11ac-160M	Tilt Left	0mm	\	\	100.00%	8.11	10.00	0.053	0.082	0.015	0.023	-0.12
6	Head	WLAN5G	114	5570	11ac-160M	Cheek Right	0mm	\	\	100.00%	8.11	10.00	0.028	0.043	0.009	0.014	-0.07
6	Head	WLAN5G	114	5570	11ac-160M	Tilt Right	0mm	\	\	100.00%	8.11	10.00	0.026	0.040	0.008	0.012	-0.16
6	Head	WLAN5G	155	5775	11ac-80M	Cheek Left	0mm	\	\	98.97%	8.03	11.00	0.039	0.078	0.007	0.014	0.07
6	Head	WLAN5G	155	5775	11ac-80M	Tilt Left	0mm	\	\	98.97%	8.03	11.00	0.047	0.094	0.013	0.026	0.11
6	Head	WLAN5G	155	5775	11ac-80M	Cheek Right	0mm	\	\	98.97%	8.03	11.00	0.024	0.048	0.008	0.016	0.08
6	Head	WLAN5G	155	5775	11ac-80M	Tilt Right	0mm	\	\	98.97%	8.03	11.00	0.021	0.042	0.006	0.012	0.03
6	Body	WLAN5G	42	5210	11ac-80M	Front	10mm	\	\	98.97%	10.01	12.00	0.059	0.094	0.007	0.011	0.15
6	Body	WLAN5G	42	5210	11ac-80M	Rear	10mm	\	\	98.97%	10.01	12.00	0.105	0.168	0.018	0.028	-0.06
6	Body	WLAN5G	42	5210	11ac-80M	Right	10mm	\	\	98.97%	10.01	12.00	0.112	0.179	0.020	0.032	0.12
6	Body	WLAN5G	42	5210	11ac-80M	Top	10mm	\	\	98.97%	10.01	12.00	0.136	0.217	0.035	0.055	-0.09
6	Body	WLAN5G	50	5250	11ac-160M	Front	10mm	\	\	100.00%	10.06	12.00	0.112	0.175	0.020	0.031	0.06
6	Body	WLAN5G	50	5250	11ac-160M	Rear	10mm	\	\	100.00%	10.06	12.00	0.081	0.127	0.023	0.036	0.1
6	Body	WLAN5G	50	5250	11ac-160M	Right	10mm	\	\	100.00%	10.06	12.00	0.076	0.119	0.012	0.019	0.17
6	Body	WLAN5G	50	5250	11ac-160M	Top	10mm	\	\	100.00%	10.06	12.00	0.156	0.244	0.040	0.063	0.03
6	Body	WLAN5G	114	5570	11ac-160M	Front	10mm	\	\	100.00%	10.21	12.00	0.090	0.136	0.011	0.017	0.16
6	Body	WLAN5G	114	5570	11ac-160M	Rear	10mm	FIG A.231	\	100.00%	10.21	12.00	0.157	0.237	0.042	0.063	0.12
6	Body	WLAN5G	114	5570	11ac-160M	Right	10mm	\	\	100.00%	10.21	12.00	0.069	0.104	0.021	0.032	-0.11
6	Body	WLAN5G	114	5570	11ac-160M	Top	10mm	\	\	100.00%	10.21	12.00	0.132	0.199	0.036	0.054	-0.15
6	Body	WLAN5G	155	5775	11ac-80M	Front	10mm	\	\	98.97%	10.00	12.00	0.042	0.067	0.008	0.013	-0.07
6	Body	WLAN5G	155	5775	11ac-80M	Rear	10mm	\	\	98.97%	10.00	12.00	0.128	0.205	0.035	0.055	-0.03
6	Body	WLAN5G	155	5775	11ac-80M	Right	10mm	\	\	98.97%	10.00	12.00	0.011	0.018	0.020	0.032	0.1
6	Body	WLAN5G	155	5775	11ac-80M	Top	10mm	\	\	98.97%	10.00	12.00	0.112	0.179	0.020	0.032	-0.03
6	Body	WLAN5G	42	5210	11ac-80M	Front	15mm	\	Note1	98.97%	13.04	15.00	0.028	0.044	0.005	0.008	0.06
6	Body	WLAN5G	42	5210	11ac-80M	Rear	15mm	\	Note1	98.97%	13.04	15.00	0.072	0.114	0.025	0.039	0.13
6	Body	WLAN5G	54	5270	11n-40M	Front	15mm	\	Note1	99.00%	13.27	15.00	0.035	0.053	0.005	0.007	0.13
6	Body	WLAN5G	54	5270	11n-40M	Rear	15mm	\	Note1	99.00%	13.27	15.00	0.086	0.129	0.029	0.043	-0.15
6	Body	WLAN5G	114	5570	11ac-160M	Front	15mm	\	Note1	100.00%	13.22	15.00	0.040	0.060	0.006	0.009	0.08
6	Body	WLAN5G	114	5570	11ac-160M	Rear	15mm	FIG A.232	Note1	100.00%	13.22	15.00	0.188	0.283	0.060	0.090	0.17
6	Body	WLAN5G	155	5775	11ac-80M	Front	15mm	\	Note1	98.97%	13.18	15.00	0.039	0.060	0.007	0.011	0.16
6	Body	WLAN5G	155	5775	11ac-80M	Rear	15mm	\	Note1	98.97%	13.18	15.00	0.153	0.235	0.050	0.076	-0.09
6	Body	WLAN5G	42	5210	11ac-80M	Front	15mm	\	Note2	98.97%	11.09	13.00	0.031	0.049	0.004	0.006	-0.1
6	Body	WLAN5G	42	5210	11ac-80M	Rear	15mm	\	Note2	98.97%	11.09	13.00	0.057	0.089	0.017	0.026	-0.06
6	Body	WLAN5G	50	5250	11ac-160M	Front	15mm	\	Note2	100.00%	11.10	13.00	0.026	0.040	0.004	0.006	-0.11
6	Body	WLAN5G	50	5250	11ac-160M	Rear	15mm	\	Note2	100.00%	11.10	13.00	0.058	0.090	0.019	0.029	-0.05
6	Body	WLAN5G	114	5570	11ac-160M	Front	15mm	\	Note2	100.00%	11.17	13.00	0.036	0.055	0.005	0.008	-0.13
6	Body	WLAN5G	114	5570	11ac-160M	Rear	15mm	\	Note2	100.00%	11.17	13.00	0.115	0.175	0.035	0.053	0.16
6	Body	WLAN5G	155	5775	11ac-80M	Front	15mm	\	Note2	98.97%	11.07	13.00	0.036	0.057	0.005	0.008	0.08
6	Body	WLAN5G	155	5775	11ac-80M	Rear	15mm	\	Note2	98.97%	11.07	13.00	0.104	0.164	0.031	0.048	-0.09



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR1g (W/kg)	Calculated SAR1g (W/kg)	Measured SAR10g (W/kg)	Calculated SAR10g (W/kg)	Power Drift
7	Head	WLAN5G	42	5210	11ac-80M	Cheek Left	0mm	FIG A.233	\	99.34%	8.01	10.00	0.082	0.131	0.011	0.017	0.12
7	Head	WLAN5G	42	5210	11ac-80M	Tilt Left	0mm	\	\	99.34%	8.01	10.00	0.045	0.072	0.005	0.008	0.14
7	Head	WLAN5G	42	5210	11ac-80M	Cheek Right	0mm	\	\	99.34%	8.01	10.00	0.029	0.046	0.002	0.003	-0.09
7	Head	WLAN5G	42	5210	11ac-80M	Tilt Right	0mm	\	\	99.34%	8.01	10.00	0.026	0.041	0.002	0.003	0.06
7	Head	WLAN5G	50	5250	11ac-160M	Cheek Left	0mm	\	\	100.00%	8.18	10.00	0.056	0.085	0.007	0.011	0.01
7	Head	WLAN5G	50	5250	11ac-160M	Tilt Left	0mm	\	\	100.00%	8.18	10.00	0.043	0.065	0.005	0.008	-0.11
7	Head	WLAN5G	50	5250	11ac-160M	Cheek Right	0mm	\	\	100.00%	8.18	10.00	0.029	0.044	0.002	0.003	0.04
7	Head	WLAN5G	50	5250	11ac-160M	Tilt Right	0mm	\	\	100.00%	8.18	10.00	0.032	0.049	0.002	0.003	-0.07
7	Head	WLAN5G	114	5570	11ac-160M	Cheek Left	0mm	\	\	100.00%	8.03	10.00	0.052	0.082	0.007	0.011	-0.14
7	Head	WLAN5G	114	5570	11ac-160M	Tilt Left	0mm	\	\	100.00%	8.03	10.00	0.041	0.065	0.003	0.005	0.19
7	Head	WLAN5G	114	5570	11ac-160M	Cheek Right	0mm	\	\	100.00%	8.03	10.00	0.035	0.055	0.002	0.003	-0.1
7	Head	WLAN5G	114	5570	11ac-160M	Tilt Right	0mm	\	\	100.00%	8.03	10.00	0.026	0.041	0.001	0.002	-0.19
7	Head	WLAN5G	155	5775	11ac-80M	Cheek Left	0mm	\	\	99.00%	8.09	10.00	0.050	0.078	0.005	0.008	0.03
7	Head	WLAN5G	155	5775	11ac-80M	Tilt Left	0mm	\	\	99.00%	8.09	10.00	0.043	0.067	0.003	0.005	-0.02
7	Head	WLAN5G	155	5775	11ac-80M	Cheek Right	0mm	\	\	99.00%	8.09	10.00	0.045	0.071	0.003	0.005	0.06
7	Head	WLAN5G	155	5775	11ac-80M	Tilt Right	0mm	\	\	99.00%	8.09	10.00	0.036	0.056	0.002	0.003	0.01
7	Body	WLAN5G	42	5210	11ac-80M	Front	10mm	\	\	99.34%	10.02	12.00	0.015	0.024	0.003	0.005	-0.17
7	Body	WLAN5G	42	5210	11ac-80M	Rear	10mm	\	\	99.34%	10.02	12.00	0.017	0.027	0.007	0.011	-0.05
7	Body	WLAN5G	42	5210	11ac-80M	Right	10mm	\	\	99.34%	10.02	12.00	0.026	0.041	0.009	0.014	0.08
7	Body	WLAN5G	42	5210	11ac-80M	Top	10mm	\	\	99.34%	10.02	12.00	0.018	0.029	0.004	0.006	0.02
7	Body	WLAN5G	50	5250	11ac-160M	Front	10mm	\	\	100.00%	10.13	12.00	0.011	0.017	0.003	0.005	0.12
7	Body	WLAN5G	50	5250	11ac-160M	Rear	10mm	\	\	100.00%	10.13	12.00	0.019	0.029	0.008	0.012	0.1
7	Body	WLAN5G	50	5250	11ac-160M	Right	10mm	\	\	100.00%	10.13	12.00	0.028	0.043	0.010	0.015	0.12
7	Body	WLAN5G	50	5250	11ac-160M	Top	10mm	\	\	100.00%	10.13	12.00	0.026	0.040	0.007	0.011	0.18
7	Body	WLAN5G	114	5570	11ac-160M	Front	10mm	\	\	100.00%	10.05	12.00	0.026	0.041	0.006	0.009	0.05
7	Body	WLAN5G	114	5570	11ac-160M	Rear	10mm	\	\	100.00%	10.05	12.00	0.027	0.042	0.011	0.017	0.06
7	Body	WLAN5G	114	5570	11ac-160M	Right	10mm	\	\	100.00%	10.05	12.00	0.027	0.042	0.010	0.016	0.15
7	Body	WLAN5G	114	5570	11ac-160M	Top	10mm	\	\	100.00%	10.05	12.00	0.017	0.027	0.006	0.009	0.07
7	Body	WLAN5G	155	5775	11ac-80M	Front	10mm	\	\	99.00%	10.01	12.00	0.023	0.037	0.005	0.008	-0.07
7	Body	WLAN5G	155	5775	11ac-80M	Rear	10mm	\	\	99.00%	10.01	12.00	0.027	0.043	0.010	0.016	-0.15
7	Body	WLAN5G	155	5775	11ac-80M	Right	10mm	FIG A.234	\	99.00%	10.01	12.00	0.036	0.057	0.011	0.017	0.16
7	Body	WLAN5G	155	5775	11ac-80M	Top	10mm	\	\	99.00%	10.01	12.00	0.017	0.027	0.004	0.006	-0.11
7	Body	WLAN5G	42	5210	11ac-80M	Front	15mm	\	Note1	99.34%	13.08	15.00	0.028	0.044	0.009	0.014	-0.05
7	Body	WLAN5G	42	5210	11ac-80M	Rear	15mm	\	Note1	99.34%	13.08	15.00	0.058	0.091	0.021	0.033	0.12
7	Body	WLAN5G	54	5270	11n-40M	Front	15mm	\	Note1	99.00%	13.21	15.00	0.032	0.049	0.005	0.008	-0.14
7	Body	WLAN5G	54	5270	11n-40M	Rear	15mm	\	Note1	99.00%	13.21	15.00	0.065	0.099	0.023	0.035	-0.01
7	Body	WLAN5G	114	5570	11ac-160M	Front	15mm	\	Note1	100.00%	13.06	15.00	0.054	0.084	0.011	0.017	-0.19
7	Body	WLAN5G	114	5570	11ac-160M	Rear	15mm	FIG A.235	Note1	100.00%	13.06	15.00	0.103	0.161	0.035	0.055	0.09
7	Body	WLAN5G	155	5775	11ac-80M	Front	15mm	\	Note1	99.00%	13.03	15.00	0.037	0.059	0.008	0.013	0.04
7	Body	WLAN5G	155	5775	11ac-80M	Rear	15mm	\	Note1	99.00%	13.03	15.00	0.091	0.145	0.032	0.050	0.05
7	Body	WLAN5G	42	5210	11ac-80M	Front	15mm	\	Note2	99.34%	11.04	13.00	0.025	0.040	0.005	0.008	-0.04
7	Body	WLAN5G	42	5210	11ac-80M	Rear	15mm	\	Note2	99.34%	11.04	13.00	0.024	0.038	0.009	0.014	0.07
7	Body	WLAN5G	50	5250	11ac-160M	Front	15mm	\	Note2	100.00%	11.13	13.00	0.037	0.057	0.008	0.012	-0.12
7	Body	WLAN5G	50	5250	11ac-160M	Rear	15mm	\	Note2	100.00%	11.13	13.00	0.031	0.048	0.011	0.017	-0.03
7	Body	WLAN5G	114	5570	11ac-160M	Front	15mm	\	Note2	100.00%	11.07	13.00	0.023	0.036	0.004	0.006	-0.04
7	Body	WLAN5G	114	5570	11ac-160M	Rear	15mm	\	Note2	100.00%	11.07	13.00	0.048	0.075	0.017	0.027	0.06
7	Body	WLAN5G	155	5775	11ac-80M	Front	15mm	\	Note2	99.00%	11.02	13.00	0.033	0.053	0.005	0.008	-0.14
7	Body	WLAN5G	155	5775	11ac-80M	Rear	15mm	\	Note2	99.00%	11.02	13.00	0.042	0.067	0.015	0.024	-0.08

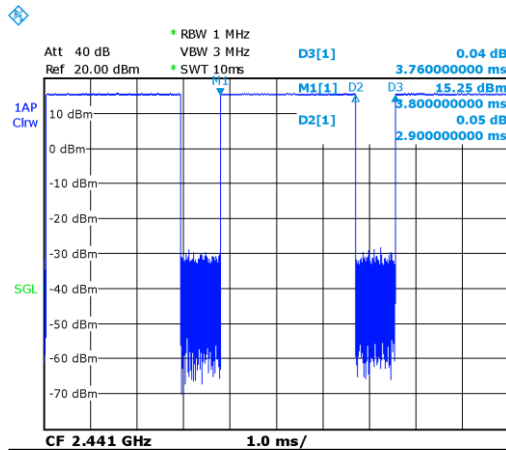
Note1: The data is used for WIFI5G body stand-alone and WIFI2.4G+WIFI5G+BT ANT1 body simultaneous transmission

Note2: The data is used for WWAN+WIFI5G+BT body simultaneous transmission and WWAN+WIFI2.4G+WIFI5G+BT ANT1 body simultaneous transmission

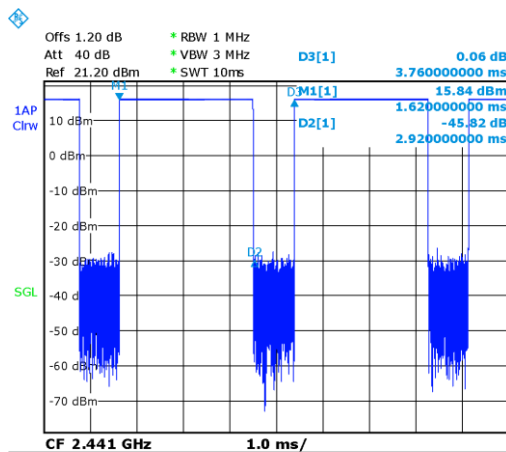
15.4 SAR results for BT

Duty factor plot

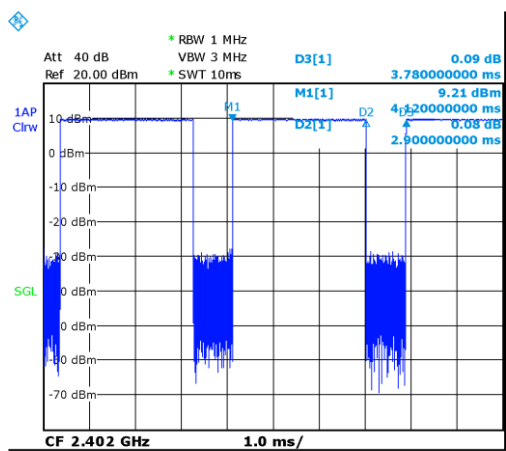
CH39 ANT6



CH39 ANT8



CH0 ANT1



ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Note	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
6	Head	BT	39	2441	GFSM	Cheek Left	0mm	\	\	77.12%	16.06	16.50	0.365	0.524	0.178	0.197	0.09
6	Head	BT	78	2480	GFSM	Tilt Left	0mm	\	\	77.12%	15.56	16.50	0.404	0.650	0.167	0.207	0.14
6	Head	BT	39	2441	GFSM	Tilt Left	0mm	FIG A.236	\	77.12%	16.06	16.50	0.548	0.786	0.230	0.255	0.19
6	Head	BT	0	2402	GFSM	Tilt Left	0mm	\	\	77.12%	15.41	16.50	0.410	0.683	0.195	0.251	0.17
6	Head	BT	39	2441	GFSM	Cheek Right	0mm	\	\	77.12%	16.06	16.50	0.141	0.202	0.075	0.083	0.13
6	Head	BT	39	2441	GFSM	Tilt Right	0mm	\	\	77.12%	16.06	16.50	0.214	0.307	0.103	0.114	-0.08
6	Body	BT	39	2441	GFSM	Front	10mm	\	\	77.12%	16.06	16.50	0.046	0.066	0.023	0.025	0.15
6	Body	BT	39	2441	GFSM	Rear	10mm	FIG A.237	\	77.12%	16.06	16.50	0.096	0.138	0.047	0.052	0.01
6	Body	BT	39	2441	GFSM	Right	10mm	\	\	77.12%	16.06	16.50	0.041	0.059	0.021	0.023	0.15
6	Body	BT	39	2441	GFSM	Top	10mm	\	\	77.12%	16.06	16.50	0.076	0.109	0.036	0.040	0.08
8	Head	BT	39	2441	GFSM	Cheek Left	0mm	FIG A.238	\	77.66%	15.89	16.50	0.197	0.292	0.081	0.093	0.12
8	Head	BT	39	2441	GFSM	Tilt Left	0mm	\	\	77.66%	15.89	16.50	0.067	0.099	0.022	0.025	0.01
8	Head	BT	39	2441	GFSM	Cheek Right	0mm	\	\	77.66%	15.89	16.50	0.064	0.095	0.029	0.033	0.03
8	Head	BT	39	2441	GFSM	Tilt Right	0mm	\	\	77.66%	15.89	16.50	0.013	0.019	0.004	0.005	0.13
8	Body	BT	39	2441	GFSM	Front	10mm	\	\	77.66%	15.89	16.50	0.041	0.061	0.020	0.023	-0.16
8	Body	BT	39	2441	GFSM	Rear	10mm	FIG A.239	\	77.66%	15.89	16.50	0.072	0.107	0.032	0.037	0.18
8	Body	BT	39	2441	GFSM	Right	10mm	\	\	77.66%	15.89	16.50	0.048	0.071	0.022	0.025	-0.15
8	Body	BT	39	2441	GFSM	Top	10mm	\	\	77.66%	15.89	16.50	0.056	0.083	0.024	0.028	0.18
1	Head	BT	0	2402	GFSM	Cheek Left	0mm	\	\	76.72%	9.11	11.00	<0.01	<0.01	<0.01	<0.01	\
1	Head	BT	0	2402	GFSM	Tilt Left	0mm	\	\	76.72%	9.11	11.00	<0.01	<0.01	<0.01	<0.01	\
1	Head	BT	0	2402	GFSM	Cheek Right	0mm	\	\	76.72%	9.11	11.00	<0.01	<0.01	<0.01	<0.01	\
1	Head	BT	0	2402	GFSM	Tilt Right	0mm	\	\	76.72%	9.11	11.00	<0.01	<0.01	<0.01	<0.01	\
1	Body	BT	0	2402	GFSM	Front	10mm	\	\	76.72%	9.11	11.00	<0.01	<0.01	<0.01	<0.01	\
1	Body	BT	0	2402	GFSM	Rear	10mm	\	\	76.72%	9.11	11.00	<0.01	<0.01	<0.01	<0.01	\
1	Body	BT	0	2402	GFSM	Left	10mm	\	\	76.72%	9.11	11.00	<0.01	<0.01	<0.01	<0.01	\
1	Body	BT	0	2402	GFSM	Right	10mm	\	\	76.72%	9.11	11.00	<0.01	<0.01	<0.01	<0.01	\
1	Body	BT	0	2402	GFSM	Bottom	10mm	\	\	76.72%	9.11	11.00	<0.01	<0.01	<0.01	<0.01	\

15.5 SAR results for NFC

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

15.6 SAR results for Phablet

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

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

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	Body	WCDMA1900	9538	1907.6	RMC	Top	0mm	\	22.38	23.40	5.700	7.209	1.950	2.466	0.01
4	Body	WCDMA1900	9400	1880	RMC	Top	0mm	\	22.53	23.40	5.840	7.135	2.060	2.517	0.04
4	Body	WCDMA1900	9262	1852.4	RMC	Top	0mm	\	22.56	23.40	6.090	7.390	2.270	2.754	-0.01
4	Body	LTE B2	18700	1860	1RB-Low	Top	0mm	\	22.41	23.50	5.440	6.992	2.060	2.648	-0.01
4	Body	LTE B2	18700	1860	50RB-Mid	Top	0mm	\	22.38	23.50	5.770	7.468	2.110	2.731	-0.15
4	Body	LTE B25	26140	1860	1RB-Middle	Top	0mm	\	22.33	23.50	5.300	6.939	1.970	2.579	-0.09
4	Body	LTE B25	26140	1860	50RB-Middle	Top	0mm	\	22.32	23.50	5.750	7.545	2.100	2.756	-0.13

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	Test setup	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	Body	N2	381500	1907.5	DFT-s-OFDM QPSK	Bottom	0mm	\	21.48	23.00	4.960	7.039	2.100	2.980	0.09
1	Body	N2	376000	1880	DFT-s-OFDM QPSK	Bottom	0mm	\	21.59	23.00	4.660	6.447	2.020	2.795	0.15
1	Body	N2	370500	1860	DFT-s-OFDM QPSK	Bottom	0mm	\	21.40	23.00	4.800	6.938	2.030	2.934	0.13
4	Body	N78	636000	3540	DFT-s-OFDM QPSK	Top	0mm	\	18.51	19.90	3.200	4.407	0.850	1.171	0.18
4	Body	N78	633334	3500.01	DFT-s-OFDM QPSK	Top	0mm	\	18.55	19.90	3.590	4.899	0.939	1.281	0.11
4	Body	N78	630668	3460.02	DFT-s-OFDM QPSK	Top	0mm	\	18.51	19.90	3.900	5.371	0.999	1.376	0.02

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Note	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
6	Body	WLAN2.4G	11	2462	11b	Top	0mm	Note1	100.00%	14.60	15.50	1.140	1.403	0.432	0.531	0.11
6	Body	WLAN2.4G	11	2462	11b	Top	0mm	Note2	100.00%	10.60	11.50	0.524	0.645	0.195	0.240	0.15
8	Body	WLAN2.4G	11	2462	11b	Top	0mm	Note1	100.00%	14.43	15.50	0.269	0.344	0.086	0.110	-0.14
8	Body	WLAN2.4G	11	2462	11b	Top	0mm	Note2	100.00%	10.54	11.50	0.103	0.128	0.029	0.036	0.01
6	Body	WLAN5G	114	5570	11ac-160M	Top	0mm	/	100.00%	11.17	13.00	1.040	1.585	0.234	0.357	0.1
7	Body	WLAN5G	114	5570	11ac-160M	Top	0mm	/	100.00%	11.07	13.00	0.284	0.443	0.056	0.087	0
6	Body	BT	39	2441	GFSM	Top	0mm	/	77.12%	16.06	16.50	1.290	1.851	0.462	0.511	0.05
8	Body	BT	39	2441	GFSM	Top	0mm	/	77.00%	15.39	16.50	0.191	0.320	0.058	0.075	0.04

Note1: The data is used for WWAN+WIFI2.4G+BT ANT1 body simultaneous transmission

Note2: The data is used for WWAN+WIFI2.4G+WIFI5G+BT ANT1 body simultaneous transmission

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

16 SAR Measurement Variability

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

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

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

Table 16.1: SAR Measurement Variability for Head WCDMA1900 ANT4(1g)

Frequency		Mode	Test Position	Original SAR (W/kg)	First Repeated SAR (W/kg)	The Ratio	Second Repeated SAR (W/kg)
Ch.	MHz						
9262	1852.4	RMC	Tilt Right	0.865	0.834	1.04	/

17 Measurement Uncertainty

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

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

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

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

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	6.55	N	1	1	1	6.55	6.55	∞
2	Isotropy	B	4.7	R	$\sqrt{3}$	0.7	0.7	1.9	1.9	∞
3	Boundary effect	B	2.0	R	$\sqrt{3}$	1	1	1.2	1.2	∞
4	Linearity	B	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
5	Detection limit	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
6	Readout electronics	B	0.3	R	$\sqrt{3}$	1	1	0.3	0.3	∞
7	Response time	B	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
8	Integration time	B	2.6	R	$\sqrt{3}$	1	1	1.5	1.5	∞
9	RF ambient conditions-noise	B	0	R	$\sqrt{3}$	1	1	0	0	∞
10	RFambient conditions-reflection	B	0	R	$\sqrt{3}$	1	1	0	0	∞
11	Probe positioned mech. restrictions	B	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
12	Probe positioning with respect to phantom shell	B	6.7	R	$\sqrt{3}$	1	1	3.9	3.9	∞
13	Post-processing	B	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
Test sample related										
14	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	71
15	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
16	Drift of output power	B	5.0	R	$\sqrt{3}$	1	1	2.9	2.9	∞
Phantom and set-up										
17	Phantom uncertainty	B	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
18	Liquid conductivity (target)	B	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2	∞
19	Liquid conductivity (meas.)	A	2.06	N	1	0.64	0.43	1.32	0.89	43
20	Liquid permittivity (target)	B	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.4	∞

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

17.3 Measurement Uncertainty for Fast SAR Tests (300MHz~3GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	6.0	N	1	1	1	6.0	6.0	∞
2	Isotropy	B	4.7	R	$\sqrt{3}$	0.7	0.7	1.9	1.9	∞
3	Boundary effect	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
4	Linearity	B	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
5	Detection limit	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
6	Readout electronics	B	0.3	R	$\sqrt{3}$	1	1	0.3	0.3	∞
7	Response time	B	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
8	Integration time	B	2.6	R	$\sqrt{3}$	1	1	1.5	1.5	∞
9	RF ambient conditions-noise	B	0	R	$\sqrt{3}$	1	1	0	0	∞
10	RFambient conditions-reflection	B	0	R	$\sqrt{3}$	1	1	0	0	∞
11	Probe positioned mech. Restrictions	B	0.4	R	$\sqrt{3}$	1	1	0.2	0.2	∞
12	Probe positioning with respect to phantom shell	B	2.9	R	$\sqrt{3}$	1	1	1.7	1.7	∞
13	Post-processing	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
14	Fast SAR z-Approximation	B	7.0	R	$\sqrt{3}$	1	1	4.0	4.0	∞
Test sample related										
15	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	71
16	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
17	Drift of output power	B	5.0	R	$\sqrt{3}$	1	1	2.9	2.9	∞
Phantom and set-up										
18	Phantom uncertainty	B	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
19	Liquid conductivity (target)	B	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2	∞

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

17.4 Measurement Uncertainty for Fast SAR Tests (3~6GHz)

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	6.55	N	1	1	1	6.55	6.55	∞
2	Isotropy	B	4.7	R	$\sqrt{3}$	0.7	0.7	1.9	1.9	∞
3	Boundary effect	B	2.0	R	$\sqrt{3}$	1	1	1.2	1.2	∞
4	Linearity	B	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
5	Detection limit	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
6	Readout electronics	B	0.3	R	$\sqrt{3}$	1	1	0.3	0.3	∞
7	Response time	B	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
8	Integration time	B	2.6	R	$\sqrt{3}$	1	1	1.5	1.5	∞
9	RF ambient conditions-noise	B	0	R	$\sqrt{3}$	1	1	0	0	∞
10	RFambient conditions-reflection	B	0	R	$\sqrt{3}$	1	1	0	0	∞
11	Probe positioned mech. Restrictions	B	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
12	Probe positioning with respect to phantom shell	B	6.7	R	$\sqrt{3}$	1	1	3.9	3.9	∞
13	Post-processing	B	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
14	Fast SAR z-Approximation	B	14.0	R	$\sqrt{3}$	1	1	8.1	8.1	∞
Test sample related										
15	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	71
16	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5

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

18 MAIN TEST INSTRUMENTS

Table 18.1: List of Main Instruments

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	N5239A	MY55491241	June 2, 2022	One year
02	Power sensor	NRP8S	104291	September 22, 2022	One year
03	Power sensor	NRP8S	104292		
04	Signal Generator	E4438C	MY49070393	May 17, 2022	One Year
05	Amplifier	60S1G4	0331848	No Calibration Requested	
06	BTS	CMW500	159890	January 24, 2022	One year
07	BTS	CMW500	129942	February 14 2022	One year
08	DAE	SPEAG DAE4	777	January 07, 2022	One year
09	E-field Probe	SPEAG EX3DV4	7673	July 08, 2022	One year
10	DAE	SPEAG DAE4	1331	September 15,2022	One year
11	E-field Probe	SPEAG EX3DV4	7548	August 01,2022	One year
12	DAE	SPEAG DAE4	1588	September 15,2022	One year
13	E-field Probe	SPEAG EX3DV4	3617	March 11, 2022	One year
14	E-field Probe	SPEAG EX3DV4	3846	May 20,2022	One year
15	Dipole Validation Kit	SPEAG D750V3	1017	July 20,2022	One year
16	Dipole Validation Kit	SPEAG D835V2	4d069	July 20,2022	One year
17	Dipole Validation Kit	SPEAG D1750V2	1003	July 18,2022	One year
18	Dipole Validation Kit	SPEAG D1900V2	5d101	July 26,2022	One year
19	Dipole Validation Kit	SPEAG D2450V2	853	July 20,2022	One year
20	Dipole Validation Kit	SPEAG D2600V2	1012	July 20,2022	One year
21	Dipole Validation Kit	SPEAG D3500V2	1016	July 01,2022	One year
22	Dipole Validation Kit	SPEAG D5GHzV2	1262	January 27,2022	One year
23	Dipole Validation Kit	SPEAG CLA13	1009	May 16,2022	One year

END OF REPORT BODY



Appendixes

Refer to separated files for the following appendixes

ANNEX A Graph Results

ANNEX B System Verification Results

ANNEX C SAR Measurement Setup

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

ANNEX E Equivalent Media Recipes

ANNEX F System Validation

ANNEX G Probe Calibration Certificate

ANNEX H Dipole Calibration Certificate

ANNEX I Accreditation Certificate