TESTING
NVLAP LAB CODE 600118-0

SAR TEST REPORT

No. I23Z60483-SEM03

For

OnePlus Technology (Shenzhen) Co., Ltd.

Mobile Phone

Model Name: CPH2551

with

Hardware Version: 11

Software Version: OxygenOS 13.2

FCC ID: 2ABZ2-AA541

Issued Date: 2023-8-2

Note:

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REPORT HISTORY

Report Number	Revision	Issue Date	Description
I23Z60483-SEM03	Rev.0	2023-7-4	Initial creation of test report
I23Z60483-SEM03	Rev.1	2023-7-17	Update the information on section 4.1 Update the information for DLCA on page 448~452 Update the information for WIFI6E SAR
I23Z60483-SEM03	Rev.2	2023-8-2	Update the information for WIFI6E PD

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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.

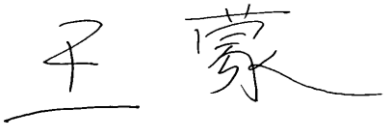
1.2 Testing Environment

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

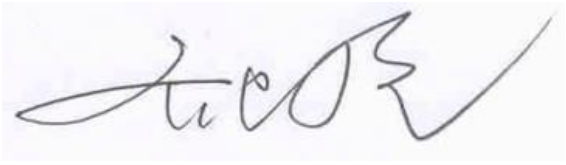
Project Leader:	Qi Dianyuan
Test Engineer:	Wang Meng
Testing Start Date:	April 29,2023
Testing End Date:	August 2, 2023

1.4 Signature



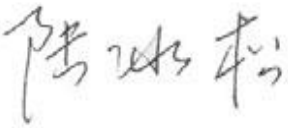
Wang Meng

(Prepared this test report)



Qi Dianyuan

(Reviewed this test report)



Lu Bingsong

Deputy Director of the laboratory

(Approved this test report)

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2 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for OnePlus Technology (Shenzhen) Co., Ltd. Mobile Phone CPH2551 is as follows:

Table 2.1: Highest Reported SAR (1g)

Mode		Antenna	Highest Reported SAR (1g)			
			1g SAR Head Folder Closed	1g SAR Hotspot Body Folder Closed	1g SAR Head Folder Open	1g SAR UMPC Body Folder Open
GSM	GSM 850	ANT1	0.17	0.19	0.15	1.12
	PCS 1900	ANT2	0.55	0.57	0.83	1.19
	PCS 1900	ANT3	0.61	0.32	0.17	1.16
WCDMA	UMTS FDD 5	ANT0	0.38	0.80	0.31	1.19
	UMTS FDD 5	ANT1	0.24	0.34	0.14	0.83
	UMTS FDD 4	ANT2	1.10	1.00	1.06	0.70
	UMTS FDD 4	ANT3	0.53	0.98	0.43	0.75
	UMTS FDD 2	ANT2	1.00	1.00	0.72	0.84
	UMTS FDD 2	ANT3	0.57	0.82	0.42	1.07
LTE	LTE Band 2	ANT2	1.11	0.95	0.83	0.87
	LTE Band 2	ANT3	0.54	0.76	0.39	1.12
	LTE Band 2	ANT4	0.10	1.09	0.11	1.20
	LTE Band 2	ANT5	0.52	0.78	0.74	1.15
	LTE Band 4	ANT2	1.02	1.02	0.86	0.70
	LTE Band 4	ANT3	0.29	1.07	0.34	1.01
	LTE Band 4	ANT4	0.11	0.74	0.13	1.02
	LTE Band 4	ANT5	0.48	1.06	0.54	0.76
	LTE Band 5	ANT0	0.23	0.73	0.21	0.77
	LTE Band 5	ANT1	0.20	0.23	0.11	0.88
	LTE Band 7	ANT2	0.98	0.53	0.56	0.79
	LTE Band 7	ANT3	0.51	0.59	0.45	1.13
	LTE Band 7	ANT4	0.06	1.11	0.06	1.18
	LTE Band 7	ANT5	0.54	0.65	0.70	0.67
	LTE Band 12	ANT0	0.22	0.76	0.23	0.82
	LTE Band 12	ANT1	0.02	0.15	0.09	1.17
	LTE Band 13	ANT0	0.15	0.42	0.25	0.60
	LTE Band 13	ANT1	0.16	0.31	0.07	0.73
	LTE Band 17	ANT0	0.21	0.69	0.25	0.73
	LTE Band 17	ANT1	0.02	0.15	0.08	1.11
	LTE Band 25	ANT2	0.80	1.05	0.76	0.80
	LTE Band 25	ANT3	0.48	0.72	0.31	1.06
	LTE Band 25	ANT4	0.10	1.12	0.70	1.07
	LTE Band 25	ANT5	0.60	0.54	0.66	1.12
	LTE Band 26	ANT0	0.35	0.68	0.22	0.98
	LTE Band 26	ANT1	0.21	0.25	0.10	0.91
	LTE Band 30	ANT4	0.10	1.05	0.10	1.00
	LTE Band 30	ANT5	0.83	0.71	1.00	0.78

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	LTE Band 38	ANT2	1.04	0.61	0.91	0.90
	LTE Band 38	ANT3	0.30	0.46	0.26	0.97
	LTE Band 38	ANT4	0.03	0.51	0.02	0.70
	LTE Band 38	ANT5	0.87	0.63	0.76	0.68
	LTE Band 41 PC3	ANT2	0.95	0.69	0.74	0.80
	LTE Band 41 PC3	ANT3	0.28	0.35	0.23	1.12
	LTE Band 41 PC3	ANT4	0.06	0.52	0.05	0.67
	LTE Band 41 PC3	ANT5	1.02	0.48	0.49	1.01
	LTE Band 41 PC2	ANT2	1.04	0.73	0.69	0.78
	LTE Band 41 PC2	ANT3	0.27	0.34	0.22	1.10
	LTE Band 41 PC2	ANT4	0.04	0.49	0.05	0.64
	LTE Band 41 PC2	ANT5	1.13	0.72	0.76	0.64
	LTE Band 48	ANT2	0.93	0.83	1.09	0.92
	LTE Band 48	ANT3	0.19	0.68	0.17	0.90
	LTE Band 48	ANT0	0.31	0.25	0.35	1.13
	LTE Band 48	ANT7	0.58	0.86	1.01	0.53
	LTE Band 66	ANT2	0.88	0.86	0.69	0.70
	LTE Band 66	ANT3	0.25	0.65	0.38	1.01
	LTE Band 66	ANT4	0.10	1.03	0.12	0.97
	LTE Band 66	ANT5	0.65	0.86	0.53	0.74
	LTE Band 71	ANT0	0.17	0.36	0.16	0.69
	LTE Band 71	ANT1	0.02	0.10	0.07	0.93
NR	N2	ANT2	0.72	0.94	0.92	1.08
	N2	ANT3	0.58	0.71	0.76	0.88
	N2	ANT4	0.16	1.03	0.19	1.12
	N2	ANT5	1.15	0.65	1.02	0.64
	N5	ANT0	0.22	0.80	0.46	0.86
	N5	ANT1	0.25	0.38	0.09	0.78
	N7	ANT2	0.71	0.79	1.07	0.86
	N7	ANT3	0.47	0.75	0.69	0.86
	N7	ANT4	0.19	0.90	0.06	1.14
	N7	ANT5	1.10	1.10	1.12	1.12
	N12	ANT0	0.30	0.70	0.58	0.31
	N12	ANT1	0.13	0.40	0.06	0.88
	N25	ANT2	0.79	1.05	1.02	0.94
	N25	ANT3	1.05	1.05	0.49	1.14
	N25	ANT4	0.16	0.87	0.23	0.58
	N25	ANT5	0.98	1.16	0.86	0.83
	N30	ANT4	0.19	1.18	0.15	1.02
	N30	ANT5	0.99	0.97	0.96	0.93
	N38	ANT2	1.07	0.56	0.79	0.60
	N38	ANT3	0.39	0.40	0.48	0.90
	N38	ANT4	0.09	0.79	0.06	1.07
	N38	ANT5	1.08	0.72	1.10	1.11
	N41	ANT2	1.19	0.94	1.06	0.78
	N41	ANT3	0.51	0.74	0.64	1.14
	N41	ANT4	0.12	0.96	0.08	0.70
	N41	ANT5	1.20	0.95	0.98	0.89

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	N66	ANT2	0.89	0.76	0.68	0.67
	N66	ANT3	0.54	0.81	0.55	0.67
	N66	ANT4	0.13	1.16	0.16	0.72
	N66	ANT5	0.61	0.98	0.84	1.20
	N71	ANT0	0.30	0.56	0.70	0.84
	N71	ANT1	0.15	0.34	0.07	0.65
	N77-L	ANT2	0.94	0.81	0.68	0.87
	N77-L	ANT3	0.59	0.46	1.07	0.55
	N77-L	ANT0	1.11	0.74	0.88	0.97
	N77-L	ANT7	0.88	0.91	0.73	0.48
	N77-H	ANT2	1.20	0.98	1.06	1.14
	N77-H	ANT3	0.57	0.26	0.92	0.59
	N77-H	ANT0	0.96	0.45	0.94	1.20
	N77-H	ANT7	0.77	0.65	0.69	0.62
WLAN 2.4 GHz		ANT5	0.14	0.20	0.39	0.71
		ANT6	0.21	0.28	0.21	0.39
WLAN 5 GHz		ANT7	0.37	0.31	0.71	0.51
		ANT10	0.02	<0.01	0.12	0.05
WLAN 6E		ANT7	<0.01	<0.01	<0.01	<0.01
		ANT10	<0.01	<0.01	<0.01	0.10
BT		ANT5	0.08	0.13	<0.01	0.31
		ANT6	0.07	<0.01	0.12	0.70

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 0/8/9/10/11/12 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 (Folder Closed):1.20 W/kg(1g)

Hotspot Body (Folder Closed): 1.18 W/kg(1g)

Head (Folder Open):1.12 W/kg(1g)

UMPC Body (Folder Open): 1.20 W/kg(1g)

The device have similar frequency in some NR bands ： N77/N78, since the supported frequency spans for the smaller MR bands are completely cover by the larger NR bands and the channel bandwidth and other operating parameters for the smaller band be fully supported by the larger band, therefore, only larger NR bands were required to be tested for SAR.

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

	Position	Main antenna	WiFi		WiFi		Sum
Highest SAR value	Right head, Tilt	0.988 (LTE Band48 ANT7)	0.387 (WiFi2.4G ANT5)	0.02 (WiFi2.4G ANT6)	0.143 (WiFi5G ANT7)	0.044 (WiFi5G ANT10)	**1.582**

Note: The result of NFC is lower than 0.01

According to the above tables, the highest sum of reported SAR values is **1.582 W/kg (1g)**. The detail for simultaneous transmission consideration is described in chapter 14.

Conclusion:

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

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3 Client Information

3.1 Applicant Information

Company Name:	OnePlus Technology (Shenzhen) Co., Ltd.
Address/Post:	18C02, 18C03, 18C04 and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen
Contact Person:	Ariel Cheng
Contact Email:	/
Telephone:	(86)76986076999
Fax	/

3.2 Manufacturer Information

Company Name:	OnePlus Technology (Shenzhen) Co., Ltd.
Address/Post:	18C02, 18C03, 18C04 and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen
Contact Person:	Ariel Cheng
Contact Email:	/
Telephone:	(86)76986076999
Fax	/

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

4.1 About EUT

Description:	Mobile Phone	
Model name:	CPH2551	
Operating mode(s):	GSM850/900/18001900, WCDMA B1/2/4/5/6/8/19 LTE Band FDD:1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/30/32/66/71 LTE Band TDD:38/39/40/41/46/48 5G NR N1/2/3/5/7/8/12/20/25/28/30/38/40/41/66/71/75/77/78 BT, Wi-Fi(2.4G), Wi-Fi(5G), Wi-Fi(6E),NFC	
Tx Frequency:	824 – 849 MHz (GSM 850)	
	1850 – 1910 MHz (GSM 1900)	
	824–849 MHz (WCDMA 850 Band V)	
	1710 – 1755 MHz (WCDMA 1700 Band IV)	
	1850–1910 MHz (WCDMA1900 Band II)	
	1850 – 1910 MHz(LTE Band 2)	
	1710 – 1755 MHz (LTE Band 4)	
	824 – 849 MHz (LTE Band 5)	
	2500 – 2570 MHz(LTE Band 7)	
	699 – 716 MHz (LTE Band 12)	
	777 –787 MHz (LTE Band 13)	
	704 –716 MHz (LTE Band 17)	
	1850 – 1915 MHz(LTE Band 25)	
	814 – 849 MHz (LTE Band 26)	
	2307.5 – 2312.5 MHz (LTE Band 30)	
	2570 – 2620 MHz (LTE Band 38)	
	2496 – 2690 MHz (LTE Band 41)	
	1710 – 1780 MHz (LTE Band 66)	
	665.5 – 695.5 MHz (LTE Band 71)	
	2412 – 2462 MHz (Wi-Fi 2.4G)	
	5180 – 5240 MHz	(Wi-Fi 5G)
	5260 – 5320 MHz	
	5500 – 5700 MHz	
	5745 – 5825 MHz	
	5925 – 6425 MHz	(Wi-Fi 6E)
	6425 – 6525 MHz	
	6525 – 6875 MHz	
	6875 – 7125 MHz	
	2400 – 2483.5 MHz (Bluetooth)	
	1850 – 1910 MHz(n2)	
	824 – 849 MHz(n5)	
	2500 – 2570 MHz (n7)	
	701.5 – 713.5 MHz (n12)	
	1852.5 – 1912.5 MHz(n25)	
	2307.5 – 2312.5 MHz (n30)	
	2570 – 2620 MHz (n38)	
	2496 – 2690 MHz (n41)	
	1710– 1780 MHz (n66)	

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	665.5 – 695.5 MHz (n71)
	3455.01 – 3544.98 MHz (n77-L)
	3705 – 3975 MHz (n77-H)
	13.56 MHz (NFC)
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	868147060028933	11	OxygenOS 13.2
EUT2	868147060031390	11	OxygenOS 13.2
EUT3	868147060028958	11	OxygenOS 13.2
EUT4	868147060031374	11	OxygenOS 13.2
EUT5	868147060031077	11	OxygenOS 13.2
EUT6	868147060031150	11	OxygenOS 13.2
EUT7	868147060028891	11	OxygenOS 13.2
EUT8	868147060030616	11	OxygenOS 13.2
EUT9	868147060030517	11	OxygenOS 13.2
EUT10	868147060030137	11	OxygenOS 13.2
EUT11	868147060022696	11	OxygenOS 13.2

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

Note: It is performed to test SAR with the EUT1~7 and conducted power with the EUT8~11.

4.3 Internal Identification of AE used during the test

AE ID*	Description	Model	SN	Manufacturer
AE1	Battery	BLPA01	/	Sunwoda Electronic Co., Ltd
AE2	Battery	BLPA03	/	Sunwoda Electronic Co., Ltd

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

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5 TEST METHODOLOGY

5.1 Applicable Limit Regulations

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

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

5.2 Applicable Measurement Standards

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

KDB447498 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 April 27, 2022:RF Exposure Procedures

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

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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 ≤ 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).

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DSI and Corresponding Exposure Scenarios

Scenario	Description
DSI1	Folder Closed Body CH1 sensor on, CH0 sensor off (Standalone)
DSI2	Folder Closed Body CH1 sensor off, CH0 sensor on (Standalone)
DSI5	Folder Closed Head (Standalone)
DSI6	Folder Closed Body CH1 sensor on, CH0 sensor off (simultaneous transmission)
DSI7	Folder Closed Body CH1 sensor off, CH0 sensor on (simultaneous transmission)
DSI10	Folder Closed Head (simultaneous transmission)
DSI11	Folder Open Body CH1 sensor on (Standalone)
DSI12	Folder Open Body CH1 sensor off (Standalone)
DSI13	Folder Open Head (Standalone)
DSI14	Folder Open Body CH1 sensor on (simultaneous transmission)
DSI15	Folder Open Body CH1 sensor off (simultaneous transmission)
DSI16	Folder Open Head (simultaneous transmission)

Note：CH1 includes ANT1/4, CH0 includes ANT2/7

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

Band	Antenna	Plimit												Pmax
		Folder Closed Body CH1 sensor on, CH0 sensor off (Standalone)	Folder Closed Body CH1 sensor off, CH0 sensor on (Standalone)	Folder Closed Head (Standalone)	Folder Closed Body CH1 sensor on, CH0 sensor off (simultaneous transmission)	Folder Closed Body CH1 sensor off, CH0 sensor on (simultaneous transmission)	Folder Closed Head (simultaneous transmission)	Folder Open Body CH1 sensor on (Standalone)	Folder Open Body CH1 sensor off (Standalone)	Folder Open Head (Standalone)	Folder Open Body CH1 sensor on (simultaneous transmission)	Folder Open Body CH1 sensor off (simultaneous transmission)	Folder Open Head (simultaneous transmission)	
		DSI 1	DSI 2	DSI 5	DSI 6	DSI 7	DSI 10	DSI 11	DSI 12	DSI 13	DSI 14	DSI 15	DSI 16	
GSM_B850	1	32.2	32.2	32.2	32.2	32.2	32.2	28.2	28.2	32.2	26.7	26.7	32.2	**32.2**
GSM_B1900	2	30	29.5	30.5	29.5	28.5	29	22.5	22.5	30.5	20	20	30.5	**30.5**
GSM_B1900	3	30	30	30	30	30	30	24.5	24.5	30	22.5	22.5	30	**30**
WCDMA_B2	2	22.5	21.5	22	21.5	20.5	20.5	14	14	19.5	13	13	18	**24.5**
WCDMA_B2	3	24	24	24	23	23	24	15.5	15.5	24	14	14	24	**24**
WCDMA_B4	2	23.5	20.5	23	22.5	19.5	22	14	14	21.5	12.5	12.5	20.5	**24.5**
WCDMA_B4	3	24	24	24	23	23	24	15	15	24	13.5	13.5	24	**24**
WCDMA_B5	0	24.8	24.8	24.8	24.8	24.8	24.8	18.3	18.3	24.8	16.3	16.3	24.8	**24.8**
WCDMA_B5	1	24.2	24.2	24.2	24.2	24.2	24.2	18.7	24.2	24.2	16.7	24.2	24.2	**24.2**
LTE_B2	2	22	21	22.5	21	19.5	21	14	14	21	13	13	20.5	**24.5**
LTE_B2	3	23.5	23.5	24	22.5	22.5	24	15.5	15.5	24	13.5	13.5	24	**24**
LTE_B2	4	21.5	24	24	19	24	24	13.5	23	24	11.5	22	24	**24**
LTE_B2	5	19.3	19.3	23.3	16.3	16.3	23.3	13.8	13.8	23.3	12.3	12.3	23.3	**23.3**
LTE_B4	2	23	21.5	23	22	20.5	21.5	14	14	21	12.5	12.5	20.5	**24.5**
LTE_B4	3	24	24	24	23.5	23.5	24	16	16	24	15	15	24	**24**
LTE_B4	4	22.5	24	24	21	24	24	14.5	24	24	13	24	24	**24**
LTE_B4	5	22.3	22.3	23.3	20.8	20.8	23.3	12.8	12.8	23.3	11.8	11.8	23.3	**23.3**
LTE_B5	0	24.9	24.9	24.9	24.4	24.4	24.9	17.9	17.9	24.9	15.4	15.4	24.9	**24.9**
LTE_B5	1	23.7	24.2	24.2	22.7	24.2	24.2	18.7	24.2	24.2	17.7	24.2	24.2	**24.2**
LTE_B7	2	21.2	19.7	21.2	20.7	18.7	18.7	10.7	10.7	18.2	9.7	9.7	17.2	**24.7**
LTE_B7	3	22	22	24	21	21	24	14.5	14.5	24	12.5	12.5	24	**24**
LTE_B7	4	21.5	24	24	20.5	24	24	13	22.5	24	12	21.5	24	**24**
LTE_B7	5	20	20	18.5	17.5	17.5	16	12	12	23	11	11	23	**23**
LTE_B12	0	24.9	24.9	24.9	23.4	23.4	24.9	18.9	18.9	24.9	17.9	17.9	24.9	**24.9**
LTE_B12	1	24.2	24.2	24.2	23.7	24.2	24.2	18.2	24.2	24.2	16.7	24.2	24.2	**24.2**
LTE_B13	0	22.9	22.9	22.9	22.9	22.9	22.9	17.4	17.4	22.9	14.9	14.9	22.9	**22.9**
LTE_B13	1	22.2	22.2	22.2	22.2	22.2	22.2	18.2	22.2	22.2	16.7	22.2	22.2	**22.2**
LTE_B17	0	24.4	24.4	24.9	23.4	23.4	24.9	18.4	18.4	24.9	16.9	16.9	24.9	**24.9**
LTE_B17	1	24.2	24.2	24.2	23.7	24.2	24.2	19.2	24.2	24.2	16.2	24.2	24.2	**24.2**
LTE_B25	2	22	21	21.5	21	19.5	20.5	14	14	20.5	13	13	19.5	**24.5**
LTE_B25	3	23.5	23.5	24	22.5	22.5	24	15	15	24	12.5	12.5	24	**24**
LTE_B25	4	22	24	24	20.5	24	24	13.5	23	24	11.5	21.5	24	**24**
LTE_B25	5	22.3	22.3	23.3	21.3	21.3	23.3	13.8	13.8	23.3	12.3	12.3	23.3	**23.3**
LTE_B26	0	24.9	24.9	24.9	24.9	24.9	24.9	16.9	16.9	24.9	13.9	13.9	24.9	**24.9**
LTE_B26	1	24.2	24.2	24.2	23.2	24.2	24.2	19.2	24.2	24.2	18.2	24.2	24.2	**24.2**
LTE_B30	4	22	24	24	21	24	24	15.5	22	24	14	20.5	24	**24**
LTE_B30	5	21	21	23	20	20	23	12	12	23	10.5	10.5	23	**23**
LTE_B38	2	23.7	22.7	22.2	21.2	20.2	19.2	13.7	13.7	21.7	11.7	11.7	19.2	**24.7**
LTE_B38	3	24	24	24	24	24	24	16.5	16.5	24	14.5	14.5	24	**24**
LTE_B38	4	24	24	24	24	24	24	15	24	24	13.5	24	24	**24**
LTE_B38	5	23	23	23	23	23	23	14.5	14.5	23	12	12	23	**23**
LTE_B41-PC2	2	25.2	24.2	22.2	23.2	21.7	20.7	14.7	14.7	21.2	13.2	13.2	19.7	**26.2**
LTE_B41-PC2	3	25.5	25.5	25.5	25.5	25.5	25.5	19	19	25.5	16.5	16.5	25.5	**25.5**
LTE_B41-PC2	4	25.5	25.5	25.5	25.5	25.5	25.5	16.5	25.5	25.5	14.5	25.5	25.5	**25.5**
LTE_B41-PC2	5	24.5	24.5	24.5	24.5	24.5	24.5	16	16	24.5	13.5	13.5	24.5	**24.5**
LTE_B41-PC3	2	23.7	22.7	20.7	21.7	20.2	19.2	13.2	13.2	19.7	11.7	11.7	18.2	**24.7**
LTE_B41-PC3	3	24	24	24	24	24	24	17.5	17.5	24	15	15	24	**24**
LTE_B41-PC3	4	24	24	24	24	24	24	15	24	24	13	24	24	**24**
LTE_B41-PC3	5	23	23	23	23	23	23	14.5	14.5	23	12	12	23	**23**
LTE_B48	2	24	24	24	23.5	23	23	13.5	13.5	21	12.5	12.5	20	**24**
LTE_B48	3	23	23	23	23	23	23	14	14	23	10.5	10.5	23	**23**
LTE_B48	0	23	23	23	22	22	23	16.5	16.5	23	15	15	23	**23**
LTE_B48	7	21	21	21	21	21	21	9.5	9.5	19.5	9	9	18	**21**
LTE_B66	2	22.5	21.5	22.5	22	20	21.5	14	14	20	12.5	12.5	18.5	**24.5**
LTE_B66	3	23.5	23.5	24	22	22	24	16	16	24	15	15	24	**24**
LTE_B66	4	22	24	24	21	24	24	14.5	22.5	24	13	21	24	**24**
LTE_B66	5	22.3	22.3	23.3	21.3	21.3	23.3	12.8	12.8	23.3	11.8	11.8	23.3	**23.3**
LTE_B71	0	23.9	23.9	23.9	23.9	23.9	23.9	16.4	16.4	23.9	13.9	13.9	23.9	**23.9**
LTE_B71	1	23.2	23.2	23.2	23.2	23.2	23.2	19.2	23.2	23.2	17.7	23.2	23.2	**23.2**
NR5G_N2	2	21.5	20.5	21	20.5	19	19.5	14	14	19.5	12.5	12.5	18	**24.5**
NR5G_N2	3	22.5	22.5	24	21	21	24	14.5	14.5	24	12.5	12.5	24	**24**
NR5G_N2	4	21.5	23	24	20.5	22.5	24	14	21	24	12.5	18.5	24	**24**
NR5G_N2	5	21.3	21.3	23.3	19.3	19.3	23.3	11.8	11.8	23.3	10.8	10.8	22.3	**23.3**
NR5G_N5	0	24.5	24.5	24.5	24.5	24.5	24.5	16.5	16.5	24.5	14.5	14.5	24.5	**24.5**
NR5G_N5	1	24.2	24.2	24.2	24.2	24.2	24.2	18.2	24.2	24.2	16.2	24.2	24.2	**24.2**
NR5G_N7	2	21.5	19	19	20.5	18	18	10	10	18	8.5	8.5	17	**24.5**
NR5G_N7	3	22	22	24	21	21	24	12.5	12.5	24	11.5	11.5	24	**24**
NR5G_N7	4	21	24	24	20	24	24	13	22.5	24	12	21	24	**24**
NR5G_N7	5	21.3	21.3	19.8	20.3	20.3	18.8	12.3	12.3	23.3	11.3	11.3	23.3	**23.3**
NR5G_N12	0	24.5	24.5	24.5	23.5	23.5	24.5	18	18	24.5	15.5	15.5	24.5	**24.5**
NR5G_N12	1	24.2	24.2	24.2	24.2	24.2	24.2	19.2	24.2	24.2	17.7	24.2	24.2	**24.2**
NR5G_N25	2	21.5	20.5	21	20.5	19	19.5	13.5	13.5	19.5	12	12	18.5	**24.5**
NR5G_N25	3	22.5	22.5	24	21	21	24	14.5	14.5	24	12.5	12.5	24	**24**
NR5G_N25	4	21.5	24	24	20.5	24	24	14	22	24	13	20.5	24	**24**
NR5G_N25	5	21.8	21.8	23.3	19.3	19.3	23.3	12.8	12.8	23.3	10.3	10.3	23.3	**23.3**
NR5G_N30	4	23.5	24	24	21.5	24	24	15	22	24	13.5	20.5	24	**24**
NR5G_N30	5	20.5	20.5	23	18.5	18.5	23	12.5	12.5	23	11.5	11.5	23	**23**
NR5G_N38	2	20.5	19	19.5	19.5	18	18.5	9.5	9.5	18	8	8	17	**24.5**
NR5G_N38	3	20.5	20.5	24	19.5	19.5	24	13	13	24	11.5	11.5	24	**24**
NR5G_N38	4	21.5	24	24	20.5	24	24	12.5	24	24	11	24	24	**24**
NR5G_N38	5	21.3	21.3	19.8	20.3	20.3	18.3	12.8	12.8	23.3	11.8	11.8	23.3	**23.3**
NR5G_N41-PC2	2	21.5	19	18	19	18	16	10	10	19.5	8.5	8.5	18.5	**26.5**
NR5G_N41-PC2	3	21.5	21.5	25.5	20.5	20.5	25.5	13.5	13.5	25.5	12.5	12.5	25.5	**25.5**
NR5G_N41-PC2	4	21.5	25.5	25.5	20.5	25.5	25.5	13.5	24	25.5	12	23	25.5	**25.5**
NR5G_N41-PC2	5	20.5	20.5	21	18.5	18.5	20	11.5	11.5	24.5	9.5	9.5	24.5	**24.5**
NR5G_N41-PC3	2	22	19.5	19.5	19.5	18.5	18	10.5	10.5	20	9	9	19	**24**
NR5G_N41-PC3	3	22	22	23	21	21	23	14	14	23	13	13	23	**23**
NR5G_N41-PC3	4	22	23	23	21	23	23	12.5	23	23	10.5	23	23	**23**
NR5G_N41-PC3	5	21	21	21.5	19	19	20.5	12	12	22	10	10	22	**22**
NR5G_N66	2	21.5	21	22	20.5	20	20.5	13.5	13.5	19.5	12	12	18.5	**24.5**
NR5G_N66	3	23	23	24	21.5	21.5	24	14	14	24	13	13	24	**24**
NR5G_N66	4	20.5	24	24	19.5	24	24	15	21.5	24	14	20	24	**24**
NR5G_N66	5	21.3	21.3	22.8	19.3	19.3	21.3	13.8	13.8	23.3	12.8	12.8	23.3	**23.3**
NR5G_N71	0	23.7	23.7	23.7	23.2	23.2	23.7	16.2	16.2	23.7	13.7	13.7	23.7	**23.7**
NR5G_N71	1	23	23	23	22	23	23	17	23	23	16	23	23	**23**
NR5G_N77-PC2	2	21.5	20.5	22.5	20.5	19.5	20	12	12	18.5	9.5	9.5	16	**26.5**
NR5G_N77-PC2	3	18.5	18.5	25	17.5	17.5	23.5	9.5	9.5	25.5	8	8	25.5	**25.5**
NR5G_N77-PC2	0	22	22	24	20.5	20.5	23.5	12.5	12.5	22.5	10.5	10.5	21	**25.5**
NR5G_N77-PC2	7	18.8	16.8	19.8	17.8	15.8	17.3	7.3	7.3	20.3	5.8	5.8	18.3	**23.3**
NR5G_N77-PC3	2	22	21	23	21	20	20.5	12.5	12.5	19	10	10	16.5	**24**
NR5G_N77-PC3	3	19	19	23	18	18	23	10	10	23	8.5	8.5	23	**23**
NR5G_N77-PC3	0	22.5	22.5	23	21	21	23	13	13	23	11	11	21.5	**23**
NR5G_N77-PC3	7	19.3	17.3	20.3	18.3	16.3	17.8	7.8	7.8	20.8	6.3	6.3	18.8	**20.8**
NR5G_N78-PC2	2	21.5	20.5	22.5	20.5	19.5	20	12	12	18.5	9.5	9.5	16	**26.5**
NR5G_N78-PC2	3	18.5	18.5	25	17.5	17.5	23.5	9.5	9.5	25.5	8	8	25.5	**25.5**
NR5G_N78-PC2	0	22	22	24	20.5	20.5	23.5	12.5	12.5	22.5	10.5	10.5	21	**25.5**
NR5G_N78-PC2	7	18.8	16.8	19.8	17.8	15.8	17.3	7.3	7.3	20.3	5.8	5.8	18.3	**23.3**
NR5G_N78-PC3	2	22	21	23	21	20	20.5	12.5	12.5	19	10	10	16.5	**24**
NR5G_N78-PC3	3	19	19	23	18	18	23	10	10	23	8.5	8.5	23	**23**
NR5G_N78-PC3	0	22.5	22.5	23	21	21	23	13	13	23	11	11	21.5	**23**
NR5G_N78-PC3	7	19.3	17.3	20.3	18.3	16.3	17.8	7.8	7.8	20.8	6.3	6.3	18.8	**20.8**

Note:

1 When Pmax <Plimit, the DUT will operate at a power level up to Pmax.

2 Pmax is used for RF tune up procedure. The maximum allowed output power is equal to Pmax + device uncertainty.

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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

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

Where, A is normalized reported time-averaged SAR exposure ratio from LTE, and A $\leqslant$ 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 $\leqslant$1.0.

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

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

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

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

if A + C $\leqslant$ 1.0 and B + C $\leqslant$ 1.0 can be proven, then “x% * A + (100-x)% * B + C $\leqslant$ 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

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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 worstsurface 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* $\left\{\frac{simulated\ PD_{front(i)}}{simulated\ P_back(i)}, beam\ i = 1,2 \ldots N\right\}$,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* $\left\{\frac{simulated\ Pd\ at\ 15\ mm\ (i)}{simulated\ PD\ at\ 0\ mm\ (i)}, beam\ i = 1,2 \ldots N\right\}$, , 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* $\left\{\frac{simulated\ Pd\ at\ 10\ mm\ (i)}{simulated\ PD\ at\ 0\ mm\ (i)}, beam\ i = 1,2 \ldots N\right\}$, , 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.

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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 head capacity, δT is the temperature rise and δt is the exposure duration, or related to the electrical field in the tissue by

$$SAR = \frac{\sigma |E|^2}{\rho}$$

Where: σ is the conductivity of the tissue, ρ is the mass density of tissue and E is the RMS electrical field strength.

However for evaluating SAR of low power transmitter, electrical field measurement is typically applied.

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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)	±5% Range	Permittivity(ε)	± 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
2300	Head	1.67	1.59～1.75	39.47	37.5～41.44
2450	Head	1.80	1.62～1.98	39.2	35.28～43.12
2600	Head	1.96	1.76～2.16	39.01	35.11～42.91
3500	Head	2.91	2.76～3.06	37.93	36.03～39.83
3700	Head	3.22	3.06~3.38	37.6	35.72~39.48
3900	Head	3.32	3.15~3.49	37.5	35.63~39.38
5250	Head	4.71	4.47～4.95	35.93	34.13～37.73
5600	Head	5.07	4.82～5.32	35.53	33.8～37.3
5750	Head	5.22	4.96～5.48	35.36	33.59～37.13
6500	Head	6.07	5.77～6.37	34.50	32.78～36.23

8.2 Dielectric Performance

Table 8.2: Dielectric Performance of Tissue Simulating Liquid

Measurement Date (yyyy-mm-dd)	Type	Frequency	Permittivity ε	Drift (%)	Conductivity σ (S/m)	Drift (%)
2023/5/5	Head	750 MHz	43.97	4.84	0.901	1.24
2023/5/6	Head	750 MHz	43.92	4.72	0.893	0.28
2023/5/7	Head	750 MHz	43.88	4.62	0.884	-0.67
2023/5/22	Head	750 MHz	43.83	4.51	0.876	-1.63
2023/5/31	Head	750 MHz	43.79	4.40	0.867	-2.58
2023/5/13	Head	750 MHz	43.74	4.30	0.871	-2.11
2023/6/7	Head	835 MHz	43.52	4.87	0.871	-3.26
2023/5/15	Head	835 MHz	43.48	4.76	0.872	-3.16
2023/5/2	Head	835 MHz	43.43	4.66	0.872	-3.07
2023/5/20	Head	835 MHz	43.39	4.55	0.873	-2.97
2023/5/9	Head	835 MHz	43.34	4.44	0.874	-2.87
2023/5/17	Head	1750 MHz	41.73	4.11	1.334	-2.62
2023/5/23	Head	1750 MHz	41.56	3.69	1.321	-3.61
2023/5/3	Head	1750 MHz	41.60	3.79	1.334	-2.62
2023/5/1	Head	1750 MHz	41.81	4.33	1.331	-2.82
2023/5/25	Head	1750 MHz	41.86	4.43	1.330	-2.92
2023/6/4	Head	1750 MHz	41.52	3.58	1.319	-3.71
2023/6/6	Head	1750 MHz	41.47	3.48	1.318	-3.81
2023/5/16	Head	1900 MHz	41.68	4.20	1.436	2.57

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2023/5/14	Head	1900 MHz	41.09	2.72	1.415	1.09
2023/6/8	Head	1900 MHz	41.64	4.09	1.434	2.44
2023/5/4	Head	1900 MHz	41.59	3.98	1.433	2.34
2023/5/19	Head	1900 MHz	41.72	4.30	1.437	2.65
2023/5/8	Head	1900 MHz	41.55	3.88	1.431	2.23
2023/5/11	Head	1900 MHz	41.51	3.77	1.430	2.13
2023/5/29	Head	1900 MHz	41.04	2.61	1.414	0.98
2023/6/10	Head	1900 MHz	41.00	2.50	1.412	0.88
2023/6/14	Head	1900 MHz	40.96	2.40	1.411	0.78
2023/5/12	Head	2300 MHz	40.91	3.65	1.732	3.71
2023/5/21	Head	2300 MHz	41.49	5.12	1.793	7.37
2023/5/18	Head	2450 MHz	40.74	3.93	1.859	3.29
2023/5/24	Head	2450 MHz	40.49	3.30	1.848	2.66
2023/6/8	Head	2450 MHz	40.65	3.70	1.873	4.06
2023/5/28	Head	2600 MHz	40.46	3.71	1.984	1.22
2023/6/2	Head	2600 MHz	39.47	1.18	1.936	-1.25
2023/4/30	Head	2600 MHz	40.41	3.60	1.982	1.11
2023/4/29	Head	2600 MHz	40.37	3.50	1.980	1.01
2023/5/10	Head	2600 MHz	40.33	3.39	1.978	0.91
2023/5/26	Head	2600 MHz	40.29	3.28	1.976	0.81
2023/5/27	Head	2600 MHz	40.25	3.18	1.974	0.70
2023/6/1	Head	2600 MHz	40.21	3.07	1.972	0.60
2023/5/30	Head	2600 MHz	40.17	2.97	1.970	0.50
2023/5/18	Head	2600 MHz	39.84	2.13	1.954	-0.32
2023/5/24	Head	2600 MHz	39.76	1.92	1.950	-0.53
2023/6/13	Head	2600 MHz	40.09	2.76	1.966	0.29
2023/6/15	Head	2600 MHz	40.29	3.28	1.976	0.81
2023/6/12	Head	2600 MHz	40.50	3.81	1.994	1.73
2023/6/18	Head	3500 MHz	38.49	1.49	2.968	1.99
2023/6/16	Head	3500 MHz	38.26	0.87	2.996	2.96
2023/6/9	Head	3500 MHz	38.45	1.37	3.024	3.92
2023/6/3	Head	3500 MHz	38.26	0.87	2.912	0.07
2023/6/9	Head	3700 MHz	38.05	0.93	3.248	4.10
2023/6/3	Head	3700 MHz	37.86	0.42	3.127	0.22
2023/6/11	Head	3700 MHz	38.09	1.03	3.187	2.15
2023/6/17	Head	3700 MHz	38.07	0.98	3.248	4.10
2023/6/11	Head	3900 MHz	37.60	0.34	3.390	2.10
2023/6/17	Head	3900 MHz	37.37	-0.27	3.327	0.21
2023/6/4	Head	5250 MHz	36.11	0.49	4.718	0.16
2023/6/5	Head	5250 MHz	35.75	-0.50	4.625	-1.80
2023/6/4	Head	5600 MHz	35.63	0.29	5.081	0.21

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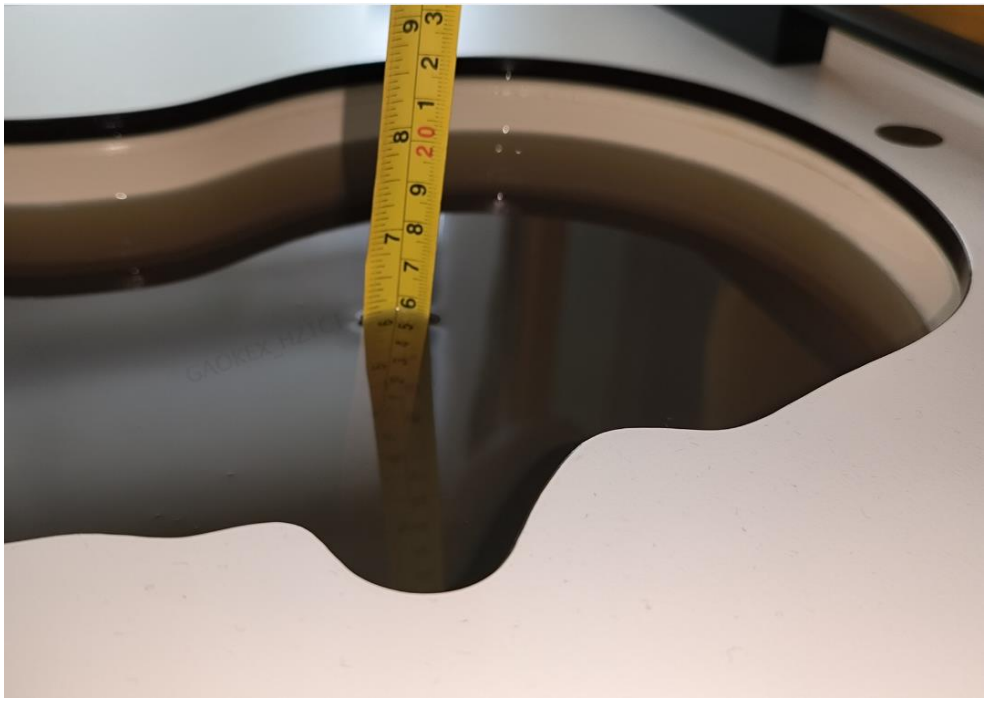
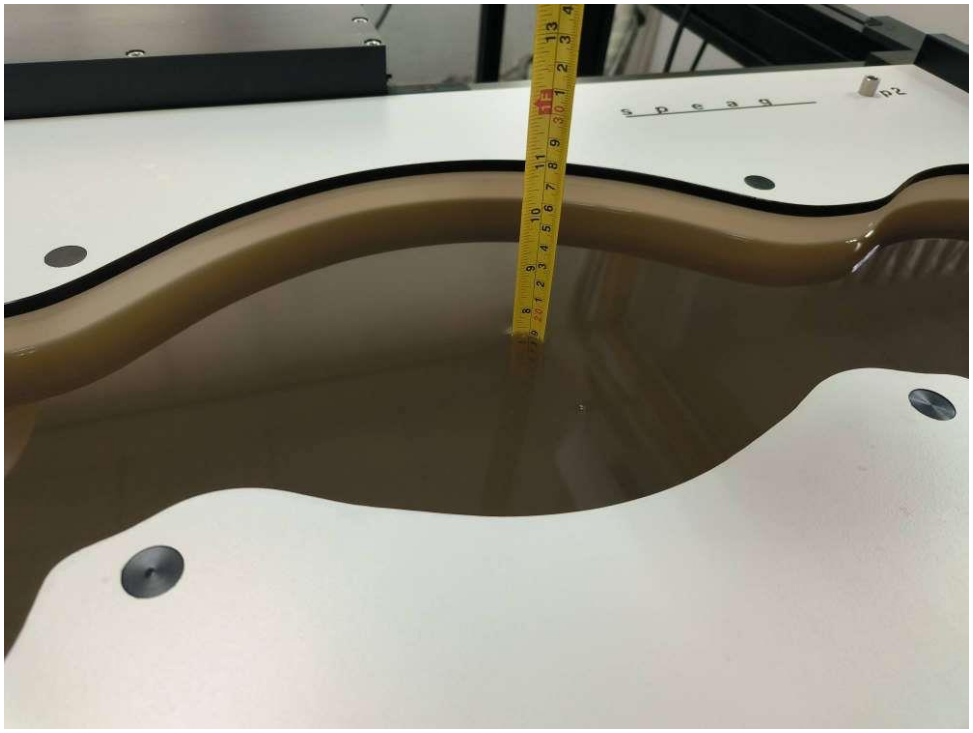
2023/6/5	Head	5600 MHz	35.28	-0.70	4.981	-1.76
2023/6/4	Head	5750 MHz	35.32	-0.11	5.232	0.22
2023/6/5	Head	5750 MHz	34.97	-1.10	5.129	-1.74
2023/7/15	Head	6500 MHz	34.17	-0.96	6.110	0.66
2023/7/3	Head	13 MHz	53.52	-2.69	0.774	3.20

Note: The liquid temperature is 22.0°C



Picture 8-1 Liquid depth in the Head Phantom



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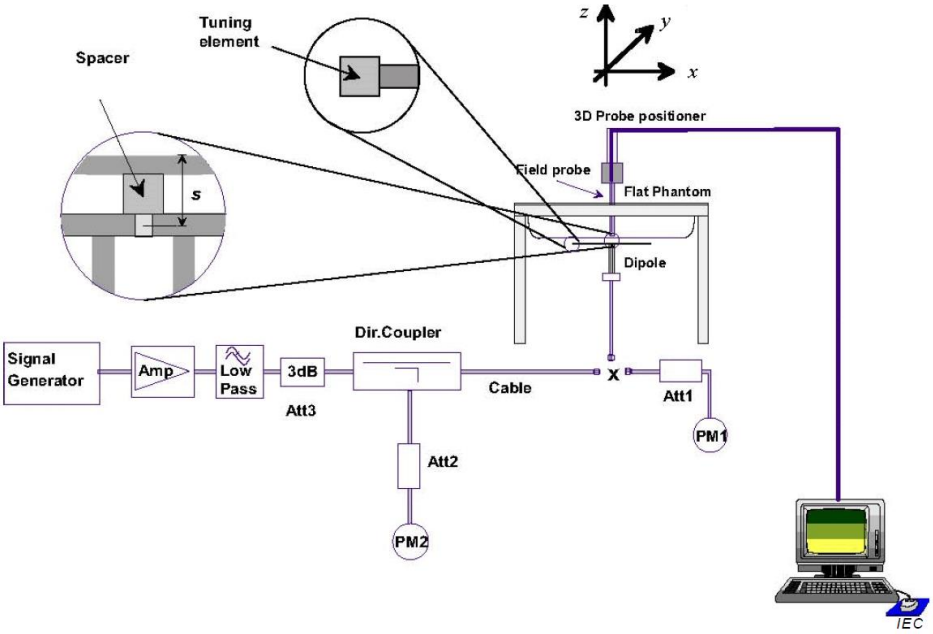
Picture 8-2 Liquid depth in the Flat Phantom

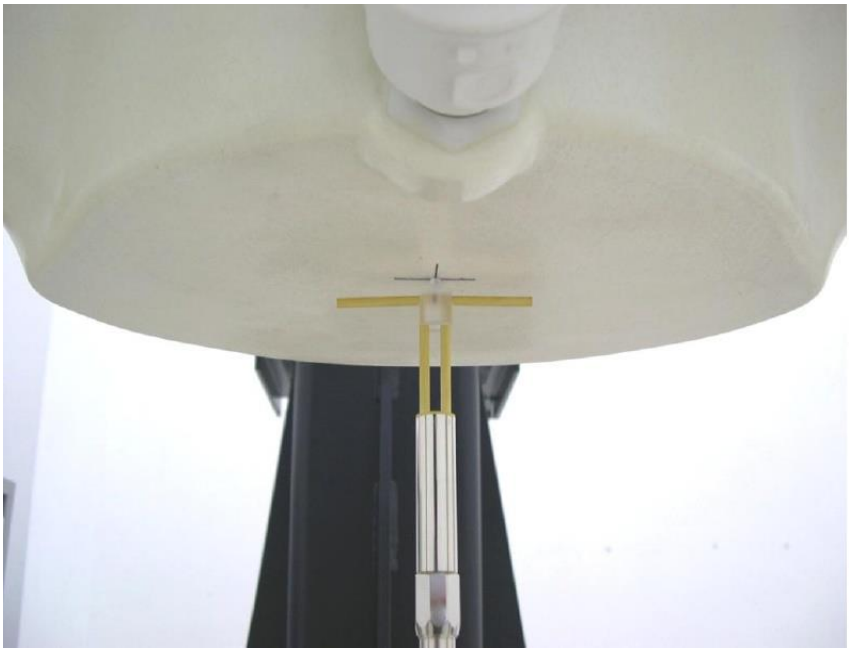
9 System verification

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



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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
2023/5/5	750 MHz	5.64	8.63	5.84	8.72	3.55%	1.04%
2023/5/6	750 MHz	5.64	8.63	5.88	8.80	4.26%	1.97%
2023/5/7	750 MHz	5.64	8.63	5.60	8.48	-0.71%	-1.74%
2023/5/22	750 MHz	5.64	8.63	5.56	8.28	-1.42%	-4.06%
2023/5/31	750 MHz	5.64	8.63	5.48	8.32	-2.84%	-3.59%
2023/5/13	750 MHz	5.64	8.63	5.84	8.76	3.55%	1.51%
2023/6/7	835 MHz	6.34	9.73	6.36	9.64	0.32%	-0.92%
2023/5/15	835 MHz	6.34	9.73	6.24	9.56	-1.58%	-1.75%
2023/5/2	835 MHz	6.34	9.73	6.20	9.52	-2.21%	-2.16%
2023/5/20	835 MHz	6.34	9.73	6.28	9.48	-0.95%	-2.57%
2023/5/9	835 MHz	6.34	9.73	6.44	9.64	1.58%	-0.92%
2023/5/17	1750 MHz	19.3	36.8	18.8	35.6	-2.80%	-3.37%
2023/5/23	1750 MHz	19.3	36.8	18.7	35.6	-3.01%	-3.26%
2023/5/3	1750 MHz	19.3	36.8	18.6	35.2	-3.83%	-4.35%
2023/5/1	1750 MHz	19.3	36.8	18.8	35.7	-2.80%	-2.93%
2023/5/25	1750 MHz	19.3	36.8	19.0	35.9	-1.76%	-2.39%
2023/6/4	1750 MHz	19.3	36.8	18.9	35.9	-1.97%	-2.50%
2023/6/6	1750 MHz	19.3	36.8	18.7	35.5	-3.21%	-3.59%
2023/5/16	1900 MHz	20.7	39.7	20.6	40.0	-0.48%	0.65%
2023/5/14	1900 MHz	20.7	39.7	20.2	39.4	-2.22%	-0.65%
2023/6/8	1900 MHz	20.7	39.7	20.2	39.5	-2.22%	-0.45%
2023/5/4	1900 MHz	20.7	39.7	20.2	39.3	-2.61%	-1.06%
2023/5/19	1900 MHz	20.7	39.7	20.2	39.4	-2.42%	-0.76%
2023/5/8	1900 MHz	20.7	39.7	20.1	39.2	-2.80%	-1.16%
2023/5/11	1900 MHz	20.7	39.7	20.2	39.5	-2.22%	-0.55%
2023/5/29	1900 MHz	20.7	39.7	20.7	40.0	-0.10%	0.76%
2023/6/10	1900 MHz	20.7	39.7	20.2	39.3	-2.22%	-0.96%
2023/6/14	1900 MHz	20.7	39.7	20.2	39.1	-2.61%	-1.46%

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2023/5/12	2300 MHz	24.2	49.6	23.4	48.8	-3.47%	-1.61%
2023/5/21	2300 MHz	24.2	49.6	23.2	49.2	-3.97%	-0.81%
2023/5/18	2450 MHz	24.9	52.7	24.0	51.2	-3.45%	-2.85%
2023/5/24	2450 MHz	24.9	52.7	23.9	51.6	-3.94%	-2.09%
2023/6/8	2450 MHz	24.9	52.7	23.6	51.2	-5.06%	-2.85%
2023/5/28	2600 MHz	25.2	55.8	25.2	56.8	-0.16%	1.79%
2023/6/2	2600 MHz	25.2	55.8	24.4	55.2	-3.33%	-1.08%
2023/4/30	2600 MHz	25.2	55.8	25.5	57.6	1.27%	3.23%
2023/4/29	2600 MHz	25.2	55.8	24.4	55.6	-3.02%	-0.36%
2023/5/10	2600 MHz	25.2	55.8	24.9	56.4	-1.11%	1.08%
2023/5/26	2600 MHz	25.2	55.8	25.2	56.8	0.16%	1.79%
2023/5/27	2600 MHz	25.2	55.8	25.3	56.8	0.32%	1.79%
2023/6/1	2600 MHz	25.2	55.8	25.6	57.6	1.43%	3.23%
2023/5/30	2600 MHz	25.2	55.8	26.0	57.6	3.33%	3.23%
2023/5/18	2600 MHz	25.2	55.8	25.9	58.0	2.70%	3.94%
2023/5/24	2600 MHz	25.2	55.8	24.6	55.6	-2.54%	-0.36%
2023/6/13	2600 MHz	25.2	55.8	24.7	56.0	-2.06%	0.36%
2023/6/15	2600 MHz	25.2	55.8	25.3	57.2	0.48%	2.51%
2023/6/12	2600 MHz	25.2	55.8	25.0	56.8	-0.79%	1.79%
2023/6/18	3500 MHz	25.3	67.9	25.0	66.2	-1.19%	-2.50%
2023/6/16	3500 MHz	25.3	67.9	26.1	67.0	3.16%	-1.33%
2023/6/9	3500 MHz	25.3	67.9	24.8	65.4	-1.98%	-3.68%
2023/6/3	3500 MHz	25.3	67.9	25.6	66.9	1.19%	-1.47%
2023/6/9	3700 MHz	24.4	67.3	24.0	65.0	-1.64%	-3.42%
2023/6/3	3700 MHz	24.4	67.3	24.2	66.3	-0.82%	-1.49%
2023/6/11	3700 MHz	24.4	67.3	24.7	68.2	1.23%	1.34%
2023/6/17	3700 MHz	24.4	67.3	24.8	67.8	1.64%	0.74%
2023/6/11	3900 MHz	24.1	69.6	23.4	66.8	-2.90%	-4.02%
2023/6/17	3900 MHz	24.1	69.6	24.5	68.5	1.66%	-1.58%
2023/6/4	5250 MHz	23.0	81.0	22.3	78.2	-3.04%	-3.46%
2023/6/5	5250 MHz	23.0	81.0	21.8	76.8	-5.22%	-5.19%
2023/6/4	5600 MHz	23.4	82.6	23.5	82.3	0.43%	-0.36%
2023/6/5	5600 MHz	23.4	82.6	23.2	81.5	-0.85%	-1.33%
2023/6/4	5750 MHz	22.3	79.2	21.7	77.4	-2.69%	-2.27%
2023/6/5	5750 MHz	22.3	79.2	21.8	76.6	-2.24%	-3.28%
2023/7/15	6500 MHz	53.3	289.0	52.0	285.0	-2.44%	-1.38%
2023/7/3	13 MHz	0.353	0.573	0.371	0.614	5.10%	7.16%

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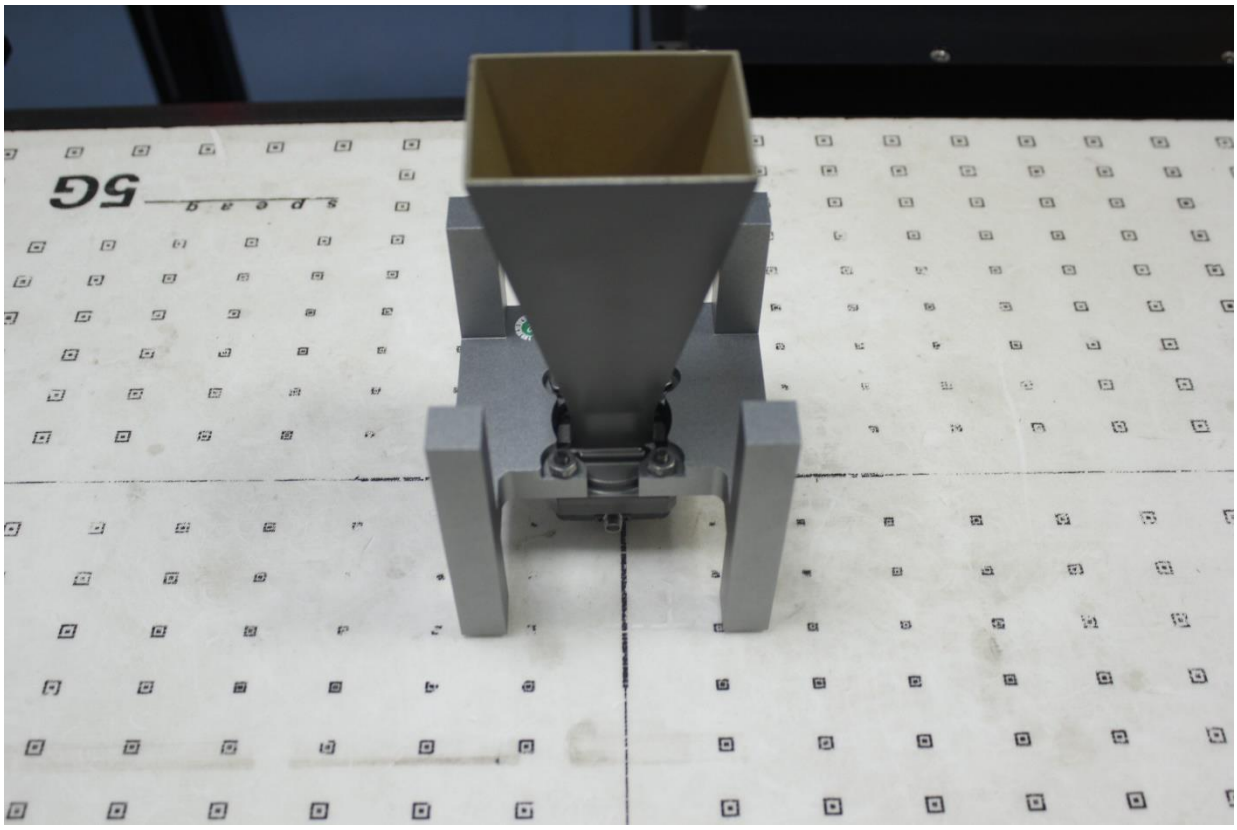
9.3 PD System Performance Check Results

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

Date	Frequency (GHz)	5G Verification Source	Probe S/N	Distance (mm)	Measured 4cm^2 (W/m^2)	Targeted 4cm^2 (W/m^2)	Deviation (db)
2023/6/22	10G	10GHz_1005	9640	10	49.5	53.5	0.34
2023/8/1	10	10GHz_1005	9640	10	53.5	53.5	0.00



Picture 8.3 System Setup for System Evaluation

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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 within3 dB of the applicable SAR limit, it is recommended that all other test frequencies shall be tested as well.

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

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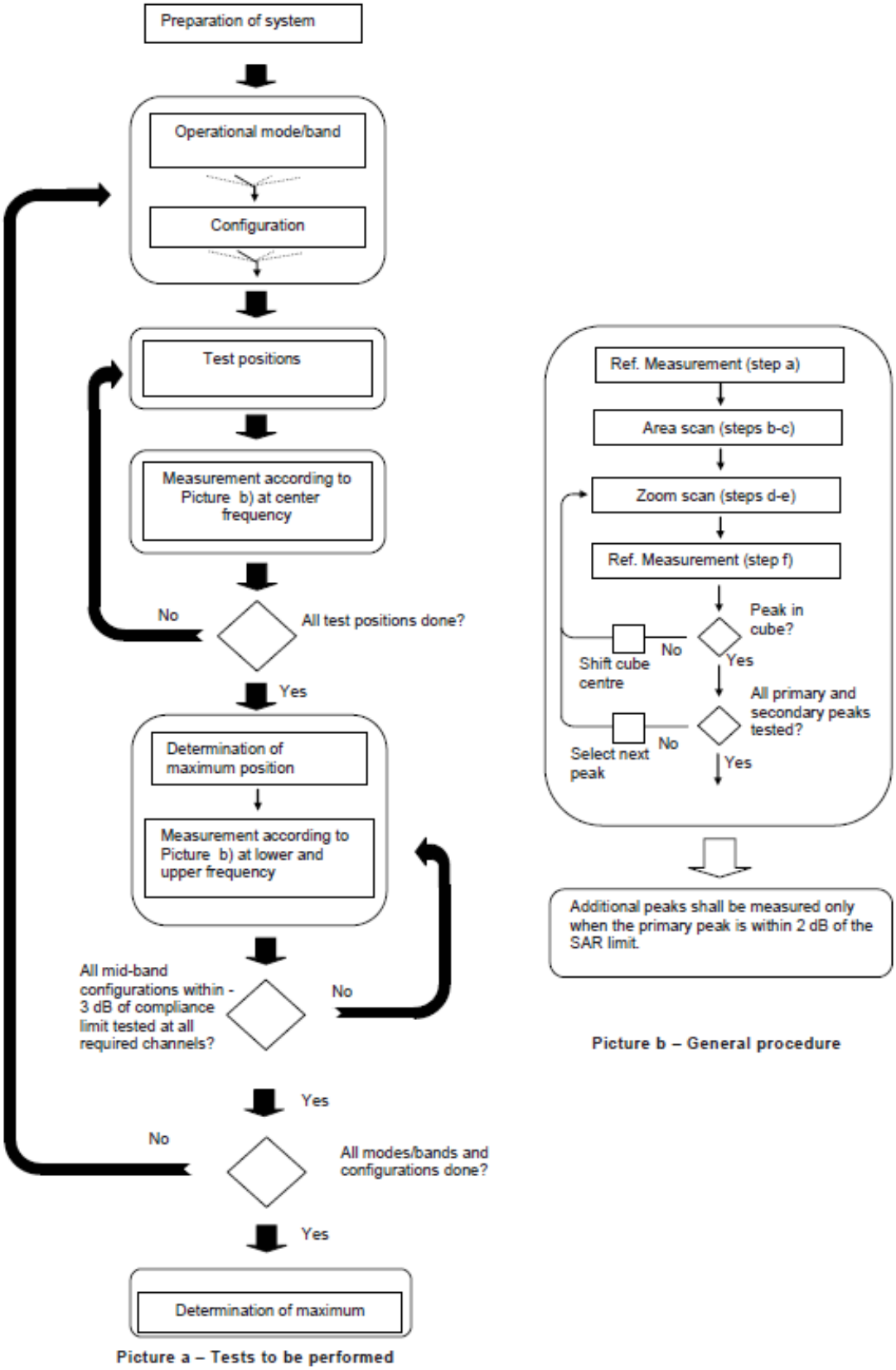

Picture 10-1 Block diagram of the tests to be performed

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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	½·δ·ln(2) ± 0.5 mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location			30° ± 1°	20° ± 1°
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 ≤ 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 1st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{Zoom}(n>1)$: between subsequent points	$\leq 1.5 \cdot \Delta z_{Zoom}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm

Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.

* When zoom scan is required and the ***reported*** 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.

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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	β_{ed1}:47/15 β_{ed2}:47/15	4	2	1.5	1.5	15	92
4	2/15	15/15	64	2/15	4/15	4/15	56/75	4	1	1.5	1.5	17	71
5	15/15	15/15	64	15/15	24/15	30/15	134/15	4	1	1.5	1.5	21	81

Rel.8 DC-HSDPA (Cat 24)

SAR test exclusion for Rel.8 DC-HSDPA must satisfy the SAR test exclusion requirements of Rel.5 HSDPA. SAR test exclusion for DC-HSDPA devices is determined by power measurements according to the H-Set 12, Fixed Reference Channel (FRC) configuration in Table C.8.1.12 of 3GPP TS 34.121-1. A primary and a secondary serving HS-DSCH Cell are required to perform the power measurement and for the results to qualify for SAR test exclusion.

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10.4 SAR Measurement for LTE

SAR tests for LTE are performed with a base station simulator, Rohde & Rchwarz CMW500. Closed loop power control was used so the UE transmits with maximum output power during SAR testing. All powers were measured with the CMW 500.

It is performed for conducted power and SAR based on the KDB941225 D05.

SAR is evaluated separately according to the following procedures for the different test positions in each exposure condition – head, body, body-worn accessories and other use conditions. The procedures in the following subsections are applied separately to test each LTE frequency band.

1) QPSK with 1 RB allocation

   Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

2) QPSK with 50% RB allocation

   The procedures required for 1 RB allocation in 1) are applied to measure the SAR for QPSK with 50% RB allocation.

3) QPSK with 100% RB allocation

   For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in 1) and 2) are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

TDD test:

TDD testing is performed using guidance from FCC KDB 941225 D05 and the SAR test guidance provided in April 2013 TCB works hop notes. TDD is tested at the highest duty factor using UL-DL configuration 0 with special subframe configuration 6 and applying the FDD LTE procedures in KDB 941225 D05. SAR testing is performed using the extended cyclic prefix listed in 3GPP TS 36.211.

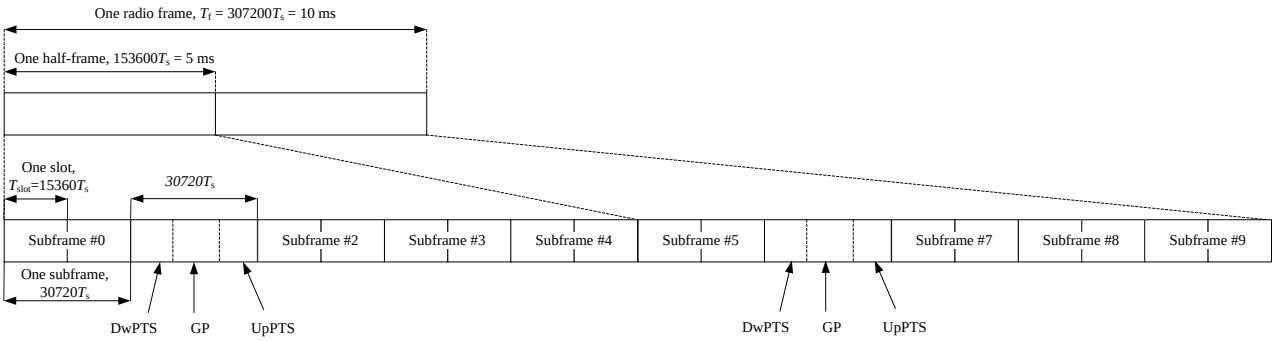

Figure 9.2: Frame structure type 2 (for 5 ms switch-point periodicity)

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

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

Table 9.2: Uplink-downlink configurations

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

Duty factor is calculated by:

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

= (30720.T_s * 6+5120. T_s*2)/307200.T_s

= 0.633

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10.5 Bluetooth & Wi-Fi Measurement Procedures for SAR

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

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

10.6 NR Measurement Procedures for SAR

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

10.7 Power Drift

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

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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 55wireless handsets. For the sample size studied, the root-mean-squared errors of the algorithm mare 1.2% and 5.8% for 1- and 10-g averaged SAR, respectively. The paper describing the algorithm in detail is expected to be published in August 2004 within the Special Issue of Transactions on MTT.

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

Both algorithms are implemented in DASY software.

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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

Scenario	Description
DSI1	Folder Closed Body CH1 sensor on, CH0 sensor off (Standalone)
DSI2	Folder Closed Body CH1 sensor off, CH0 sensor on (Standalone)
DSI5	Folder Closed Head (Standalone)
DSI6	Folder Closed Body CH1 sensor on, CH0 sensor off (simultaneous transmission)
DSI7	Folder Closed Body CH1 sensor off, CH0 sensor on (simultaneous transmission)
DSI10	Folder Closed Head (simultaneous transmission)
DSI11	Folder Open Body CH1 sensor on (Standalone)
DSI12	Folder Open Body CH1 sensor off (Standalone)
DSI13	Folder Open Head (Standalone)
DSI14	Folder Open Body CH1 sensor on (simultaneous transmission)
DSI15	Folder Open Body CH1 sensor off (simultaneous transmission)
DSI16	Folder Open Head (simultaneous transmission)

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12.1 GSM Measurement result

GSM850(ANT1 DSI 1/2/5/13)

GSM 850 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	32.56	32.67	32.73	33.20	/	/	/	/
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	32.33	32.39	32.49	33.20	-9.03	23.30	23.36	23.46
2 Txslots	29.51	29.23	29.33	30.20	-6.02	23.49	23.21	23.31
3Txslots	27.34	27.43	27.47	28.40	-4.26	23.08	23.17	23.21
4 Txslots	26.83	26.91	26.90	27.20	-3.01	23.82	23.90	23.89
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	32.23	32.32	32.42	33.20	-9.03	23.20	23.29	23.39
2 Txslots	29.41	29.15	29.26	30.20	-6.02	23.39	23.13	23.24
3Txslots	27.25	27.35	27.38	28.40	-4.26	22.99	23.09	23.12
4 Txslots	26.75	26.82	26.82	27.20	-3.01	23.74	23.81	23.81
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	26.21	27.01	26.35	27.20	-9.03	17.18	17.98	17.32
2 Txslots	23.18	24.46	23.33	24.20	-6.02	17.16	18.44	17.31
3Txslots	22.20	21.52	21.53	22.40	-4.26	17.94	17.26	17.27
4 Txslots	20.47	20.76	20.75	21.20	-3.01	17.46	17.75	17.74

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GSM850(ANT1 DSI 11/12)

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	28.58	28.55	28.36	29.20	-9.03	19.55	19.52	19.33
2 Txslots	25.37	25.43	25.31	26.20	-6.02	19.35	19.41	19.29
3Txslots	23.26	23.39	23.56	24.40	-4.26	19.00	19.13	19.30
4 Txslots	22.41	22.51	22.31	23.20	-3.01	19.40	19.50	19.30
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	28.62	28.48	28.42	29.20	-9.03	19.59	19.45	19.39
2 Txslots	25.40	25.45	25.37	26.20	-6.02	19.38	19.43	19.35
3Txslots	23.29	23.51	23.58	24.40	-4.26	19.03	19.25	19.32
4 Txslots	22.48	22.03	22.34	23.20	-3.01	19.47	19.02	19.33
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	26.53	26.59	26.74	27.20	-9.03	17.50	17.56	17.71
2 Txslots	23.22	23.34	23.20	24.20	-6.02	17.20	17.32	17.18
3Txslots	21.40	21.49	21.42	22.40	-4.26	17.14	17.23	17.16
4 Txslots	20.88	20.57	20.84	21.20	-3.01	17.87	17.56	17.83

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GSM1900(ANT2 DSI 1/5/13)

GSM 1900 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	31.23	31.25	31.18	31.50	/	/	/	/
GSM 1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	30.71	31.08	31.13	31.50	-9.03	21.68	22.05	22.10
2 Txslots	27.48	27.61	27.86	28.50	-6.02	21.46	21.59	21.84
3Txslots	25.82	26.03	26.17	26.70	-4.26	21.56	21.77	21.91
4 Txslots	25.02	25.22	25.38	25.50	-3.01	22.01	22.21	22.37
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	30.65	31.03	31.05	31.50	-9.03	21.62	22.00	22.02
2 Txslots	27.38	27.53	27.77	28.50	-6.02	21.36	21.51	21.75
3Txslots	25.72	26.08	26.08	26.70	-4.26	21.46	21.82	21.82
4 Txslots	24.94	25.07	25.29	25.50	-3.01	21.93	22.06	22.28
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	27.11	26.60	26.80	27.50	-9.03	18.08	17.57	17.77
2 Txslots	23.34	23.51	23.67	24.50	-6.02	17.32	17.49	17.65
3Txslots	21.71	21.88	21.20	22.70	-4.26	17.45	17.62	16.94
4 Txslots	20.83	20.97	20.34	21.50	-3.01	17.82	17.96	17.33

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GSM1900(ANT2 DSI 2)

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	29.87	29.77	29.93	30.50	-9.03	20.84	20.74	20.90
2 Txslots	26.64	26.73	26.89	27.50	-6.02	20.62	20.71	20.87
3Txslots	25.13	25.11	25.22	25.70	-4.26	20.87	20.85	20.96
4 Txslots	23.60	23.74	23.84	24.50	-3.01	20.59	20.73	20.83
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	29.73	29.63	29.86	30.50	-9.03	20.70	20.60	20.83
2 Txslots	26.45	26.58	26.82	27.50	-6.02	20.43	20.56	20.80
3Txslots	24.94	25.06	25.15	25.70	-4.26	20.68	20.80	20.89
4 Txslots	23.43	23.61	23.77	24.50	-3.01	20.42	20.60	20.76
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	26.51	26.65	26.84	27.50	-9.03	17.48	17.62	17.81
2 Txslots	23.40	23.54	23.71	24.50	-6.02	17.38	17.52	17.69
3Txslots	21.77	22.24	21.59	22.70	-4.26	17.51	17.98	17.33
4 Txslots	20.87	21.22	20.67	21.50	-3.01	17.86	18.21	17.66

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GSM1900(ANT2 DSI 11/12)

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	21.58	21.70	21.84	23.50	-9.03	12.55	12.67	12.81
2 Txslots	18.52	18.57	18.58	20.50	-6.02	12.50	12.55	12.56
3Txslots	16.51	16.60	16.61	18.70	-4.26	12.25	12.34	12.35
4 Txslots	15.53	15.52	15.56	17.50	-3.01	12.52	12.51	12.55
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	21.59	21.67	21.58	23.50	-9.03	12.56	12.64	12.55
2 Txslots	18.52	18.56	18.54	20.50	-6.02	12.50	12.54	12.52
3Txslots	16.52	16.54	16.65	18.70	-4.26	12.26	12.28	12.39
4 Txslots	15.56	15.52	15.52	17.50	-3.01	12.55	12.51	12.51
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	20.57	20.51	20.51	23.50	-9.03	11.54	11.48	11.48
2 Txslots	18.58	18.52	18.65	20.50	-6.02	12.56	12.50	12.63
3Txslots	16.53	16.67	16.60	18.70	-4.26	12.27	12.41	12.34
4 Txslots	15.53	15.52	15.59	17.50	-3.01	12.52	12.51	12.58

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GSM1900(ANT2 DSI 14)

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	20.31	20.20	20.35	21.00	-9.03	11.28	11.17	11.32
2 Txslots	17.09	17.05	17.16	18.00	-6.02	11.07	11.03	11.14
3Txslots	15.36	15.33	15.48	16.20	-4.26	11.10	11.07	11.22
4 Txslots	14.15	14.17	14.31	15.00	-3.01	11.14	11.16	11.30
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	20.20	20.12	20.25	18.50	-9.03	11.17	11.09	11.22
2 Txslots	17.03	17.00	17.07	15.50	-6.02	11.01	10.98	11.05
3Txslots	15.27	15.27	15.39	13.70	-4.26	11.01	11.01	11.13
4 Txslots	14.06	14.10	14.23	12.50	-3.01	11.05	11.09	11.22
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	20.25	20.33	20.43	18.50	-9.03	11.22	11.30	11.40
2 Txslots	17.13	17.15	17.16	15.50	-6.02	11.11	11.13	11.14
3Txslots	15.27	15.34	15.24	13.70	-4.26	11.01	11.08	10.98
4 Txslots	13.90	13.97	13.98	12.50	-3.01	10.89	10.96	10.97

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GSM1900(ANT3 DSI 1/2/5/13)

GSM 1900 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	30.36	30.78	30.88	31.00	/	/	/	/
GSM 1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	30.40	30.79	30.87	31.00	-9.03	21.37	21.76	21.84
2 Txslots	27.16	27.58	27.70	28.00	-6.02	21.14	21.56	21.68
3Txslots	25.51	25.95	26.02	26.20	-4.26	21.25	21.69	21.76
4 Txslots	24.72	24.94	24.92	25.00	-3.01	21.71	21.93	21.91
GSM 1900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	30.43	30.86	30.88	31.00	-9.03	21.40	21.83	21.85
2 Txslots	27.21	27.60	27.71	28.00	-6.02	21.19	21.58	21.69
3Txslots	25.55	25.96	26.02	26.20	-4.26	21.29	21.70	21.76
4 Txslots	24.75	24.94	24.92	25.00	-3.01	21.74	21.93	21.91
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	26.18	26.56	26.95	27.00	-9.03	17.15	17.53	17.92
2 Txslots	23.04	23.42	23.97	24.00	-6.02	17.02	17.40	17.95
3Txslots	21.37	21.98	22.05	22.20	-4.26	17.11	17.72	17.79
4 Txslots	20.48	20.70	20.11	21.00	-3.01	17.47	17.69	17.10

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GSM1900(ANT3 DSI 11/12)

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	25.12	25.42	25.42	25.50	-9.03	16.09	16.39	16.39
2 Txslots	22.08	22.15	22.40	22.50	-6.02	16.06	16.13	16.38
3Txslots	20.21	20.43	20.54	20.70	-4.26	15.95	16.17	16.28
4 Txslots	18.68	19.19	19.10	19.50	-3.01	15.67	16.18	16.09
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	25.16	25.44	25.46	25.50	-9.03	16.13	16.41	16.43
2 Txslots	22.10	22.16	22.45	22.50	-6.02	16.08	16.14	16.43
3Txslots	20.23	20.44	20.61	20.70	-4.26	15.97	16.18	16.35
4 Txslots	18.70	19.09	19.35	19.50	-3.01	15.69	16.08	16.34
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	25.26	25.36	25.41	25.50	-9.03	16.23	16.33	16.38
2 Txslots	22.09	21.90	22.16	22.50	-6.02	16.07	15.88	16.14
3Txslots	20.09	20.02	20.19	20.70	-4.26	15.83	15.76	15.93
4 Txslots	18.98	18.97	19.10	19.50	-3.01	15.97	15.96	16.09

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12.2 WCDMA Measurement result

WCDMA1900(ANT2 DSI 1)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	23.00	23.09	23.23	23.30
HSUPA	1	20.5	20.56	20.59	22.30
	2	18.48	18.49	18.54	20.30
	3	18.48	18.47	18.48	20.30
	4	18.41	18.42	18.48	20.30
	5	20.52	20.61	20.55	22.30
HSPA+	\	19.06	19.08	19.02	19.30
DC-HSDPA	1	20.59	20.64	20.60	22.30
	2	20.57	20.56	20.52	22.30
	3	20.06	19.95	20.03	21.80
	4	20	20.02	19.98	21.80

WCDMA1900(ANT2 DSI 2)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	22.15	21.98	22.12	22.30
HSUPA	1	19.39	19.45	19.48	21.30
	2	17.48	17.49	17.54	19.30
	3	17.48	17.47	17.48	19.30
	4	17.41	17.42	17.48	19.30
	5	19.41	19.50	19.44	21.30
HSPA+	\	17.98	18.00	17.94	18.30
DC-HSDPA	1	19.48	19.53	19.49	21.30
	2	19.46	19.45	19.41	21.30
	3	18.98	18.87	18.95	20.80
	4	18.92	18.94	18.90	20.80

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WCDMA1900(ANT2 DSI 5)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	22.49	22.65	22.68	22.80
HSUPA	1	20.09	20.15	20.18	21.80
	2	18.11	18.12	18.17	19.80
	3	18.11	18.10	18.11	19.80
	4	18.04	18.05	18.11	19.80
	5	20.11	20.20	20.14	21.80
HSPA+	\	18.66	18.68	18.62	18.80
DC-HSDPA	1	20.18	20.23	20.19	21.80
	2	20.16	20.15	20.11	21.80
	3	19.66	19.55	19.63	21.30
	4	19.6	19.62	19.58	21.30

WCDMA1900(ANT2 DSI 11/12)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	14.44	14.50	14.60	14.80
HSUPA	1	11.93	11.96	11.98	13.80
	2	10.05	10.06	10.09	11.80
	3	10.05	10.05	10.05	11.80
	4	10.01	10.02	10.05	11.80
	5	11.94	11.99	11.96	13.80
HSPA+	\	10.56	10.64	10.65	10.80
DC-HSDPA	1	11.98	12.01	11.99	13.80
	2	11.97	11.96	11.94	13.80
	3	11.47	11.41	11.45	13.30
	4	11.4	11.45	11.42	13.30

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WCDMA1900(ANT2 DSI 13)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	19.82	19.91	20.01	20.30
HSUPA	1	17.43	17.48	17.51	19.30
	2	15.71	15.72	15.77	17.30
	3	15.71	15.71	15.71	17.30
	4	15.65	15.66	15.71	17.30
	5	17.45	17.53	17.48	19.30
HSPA+	\	16.06	16.08	16.02	16.30
DC-HSDPA	1	17.51	17.55	17.52	19.30
	2	17.49	17.48	17.45	19.30
	3	17.06	16.96	17.03	18.80
	4	17.01	17.02	16.99	18.80

WCDMA1900(ANT3 DSI 1/2/5/13)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	23.97	24.08	24.14	24.80
HSUPA	1	21.85	21.80	21.89	23.80
	2	19.9	19.89	19.92	21.80
	3	19.87	19.95	19.89	21.80
	4	19.98	19.88	19.92	21.80
	5	21.96	22.00	21.94	23.80
HSPA+	\	20.4	20.45	20.46	20.80
DC-HSDPA	1	21.95	21.94	21.88	23.80
	2	21.99	21.94	21.89	23.80
	3	21.44	21.46	21.41	23.30
	4	21.47	21.38	21.46	23.30

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WCDMA1900(ANT3 DSI 11/12)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	15.42	15.44	15.52	16.30
HSUPA	1	13.3	13.27	13.32	15.30
	2	12.11	12.10	12.12	13.30
	3	12.09	12.14	12.10	13.30
	4	12.16	12.10	12.12	13.30
	5	13.36	13.39	13.35	15.30
HSPA+	\	12.02	12.05	12.06	12.30
DC-HSDPA	1	13.36	13.35	13.31	15.30
	2	13.38	13.35	13.32	15.30
	3	13.05	13.06	13.03	14.80
	4	13.06	13.01	13.06	14.80

WCDMA1700(ANT2 DSI 1)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	24.02	24.00	23.96	24.30
HSUPA	1	21.57	21.53	21.51	23.30
	2	19.45	19.49	19.44	21.30
	3	19.29	19.32	19.33	21.30
	4	19.33	19.35	19.40	21.30
	5	21.49	21.38	21.42	23.30
HSPA+	\	20.13	20.06	20.07	20.30
DC-HSDPA	1	21.53	21.43	21.47	23.30
	2	21.52	21.42	21.45	23.30
	3	20.94	20.96	20.88	22.80
	4	20.94	21.05	20.96	22.80

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WCDMA1700(ANT2 DSI 2)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	20.94	21.00	20.92	21.30
HSUPA	1	18.64	18.61	18.59	20.30
	2	16.81	16.84	16.80	18.30
	3	16.67	16.70	16.71	18.30
	4	16.71	16.73	16.77	18.30
	5	18.57	18.48	18.51	20.30
HSPA+	\	17.26	17.20	17.21	17.30
DC-HSDPA	1	18.61	18.52	18.55	20.30
	2	18.6	18.51	18.54	20.30
	3	18.1	18.12	18.04	19.80
	4	18.1	18.19	18.12	19.80

WCDMA1700(ANT2 DSI 5)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	23.48	23.57	23.54	23.80
HSUPA	1	21.2	21.16	21.14	22.80
	2	19.12	19.15	19.11	20.80
	3	18.96	18.99	19.00	20.80
	4	19	19.02	19.07	20.80
	5	21.12	21.01	21.05	22.80
HSPA+	\	19.57	19.50	19.51	19.80
DC-HSDPA	1	21.16	21.06	21.10	22.80
	2	21.15	21.05	21.08	22.80
	3	20.58	20.60	20.52	22.30
	4	20.58	20.69	20.60	22.30

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WCDMA1700(ANT2 DSI 11/12)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	14.38	14.39	14.29	14.80
HSUPA	1	12	11.98	11.97	13.80
	2	10.13	10.14	10.12	11.80
	3	10.04	10.05	10.06	11.80
	4	10.06	10.07	10.10	11.80
	5	11.96	11.90	11.92	13.80
HSPA+	\	10.46	10.42	10.43	10.80
DC-HSDPA	1	11.98	11.92	11.95	13.80
	2	11.98	11.92	11.94	13.80
	3	11.4	11.46	11.42	13.30
	4	11.35	11.42	11.46	13.30

WCDMA1700(ANT2 DSI 13)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	21.92	21.90	21.89	22.30
HSUPA	1	19.56	19.52	19.50	21.30
	2	17.64	17.66	17.63	19.30
	3	17.49	17.52	17.53	19.30
	4	17.53	17.54	17.59	19.30
	5	19.48	19.38	19.42	21.30
HSPA+	\	18.16	18.09	18.10	18.30
DC-HSDPA	1	19.52	19.43	19.46	21.30
	2	19.51	19.42	19.44	21.30
	3	18.98	19.00	18.93	20.80
	4	18.98	19.08	19.00	20.80

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WCDMA1700(ANT2 DSI 16)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	20.89	20.87	20.86	21.30
HSUPA	1	19.51	19.47	19.45	20.30
	2	17.59	17.62	17.59	18.30
	3	17.45	17.47	17.48	18.30
	4	17.48	17.50	17.55	18.30
	5	19.44	19.33	19.37	20.30
HSPA+	\	17.11	17.05	17.06	17.30
DC-HSDPA	1	19.47	19.38	19.42	20.30
	2	19.46	19.37	19.40	20.30
	3	18.94	18.96	18.88	19.80
	4	18.94	19.04	18.96	19.80

WCDMA1700(ANT3 DSI 1/2/5/13)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	24.20	24.17	24.09	24.80
HSUPA	1	21.9	21.96	21.96	23.80
	2	20	20.01	20.07	21.80
	3	19.89	19.92	19.98	21.80
	4	20	20.01	20.02	21.80
	5	22.08	21.99	22.00	23.80
HSPA+	\	20.45	20.50	20.44	20.80
DC-HSDPA	1	21.98	22.02	22.00	23.80
	2	21.95	21.90	21.96	23.80
	3	21.45	21.48	21.50	23.30
	4	21.41	21.41	21.47	23.30

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WCDMA1700(ANT3 DSI 11/12)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	15.07	15.12	15.06	15.80
HSUPA	1	12.91	12.88	12.93	14.80
	2	12.11	12.10	12.12	12.80
	3	12.09	12.14	12.10	12.80
	4	12.16	12.10	12.12	12.80
	5	13.36	13.39	13.35	14.80
HSPA+	\	11.02	11.05	11.06	11.80
DC-HSDPA	1	13.36	13.35	13.31	14.80
	2	13.38	13.35	13.32	14.80
	3	13.05	13.06	13.03	14.30
	4	13.06	13.01	13.06	14.30

WCDMA850(ANT0 DSI 1/2/5/13)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	25.02	25.14	25.13	25.60
HSUPA	1	23.16	23.23	23.26	24.60
	2	20.87	20.89	20.94	22.60
	3	21.86	21.86	21.87	23.60
	4	20.79	20.80	20.87	22.60
	5	23.18	23.28	23.21	24.60
HSPA+	\	21.66	21.68	21.61	22.60
DC-HSDPA	1	23.26	23.32	23.27	24.60
	2	23.24	23.23	23.18	24.60
	3	22.66	22.53	22.63	24.10
	4	22.59	22.61	22.57	24.10

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WCDMA850(ANT0 DSI 11/12)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	17.79	17.82	17.81	18.50
HSUPA	1	16.68	16.73	16.75	18.10
	2	15.03	15.04	15.08	16.10
	3	16.02	16.04	16.03	17.10
	4	14.97	14.98	15.03	16.10
	5	16.69	16.76	16.71	18.10
HSPA+	\	15.32	15.33	15.28	16.10
DC-HSDPA	1	16.75	16.79	16.76	18.10
	2	16.74	16.73	16.69	18.10
	3	16.32	16.22	16.30	17.60
	4	16.27	16.28	16.25	17.60

WCDMA850(ANT1 DSI 1/2/5/12/13)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	24.25	24.08	24.17	25.00
HSUPA	1	22.51	22.58	22.61	24.00
	2	20.29	20.31	20.35	22.00
	3	21.36	21.28	21.29	23.00
	4	20.21	20.22	20.29	22.00
	5	22.53	22.63	22.56	24.00
HSPA+	\	21.03	21.05	20.98	22.00
DC-HSDPA	1	22.61	22.67	22.62	24.00
	2	22.59	22.58	22.53	24.00
	3	22.03	21.90	22.00	23.50
	4	21.96	21.98	21.94	23.50

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WCDMA850(ANT1 DSI 11)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	19.25	19.23	19.30	19.50
HSUPA	1	16.96	17.02	17.04	18.50
	2	15.29	15.31	15.34	16.50
	3	16.27	16.26	16.27	17.50
	4	15.23	15.24	15.29	16.50
	5	16.98	17.06	17.00	18.50
HSPA+	\	15.6	15.62	15.57	16.50
DC-HSDPA	1	17.04	17.09	17.05	18.50
	2	17.02	17.02	16.98	18.50
	3	16.6	16.50	16.58	18.00
	4	16.55	16.57	16.54	18.00

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12.3 LTE Measurement result

Maximum Target Power for Production Unit

Band	Antenna	Tune up(dBm)											
		DSI 1	DSI 2	DSI 5	DSI 6	DSI 7	DSI 10	DSI 11	DSI 12	DSI 13	DSI 14	DSI 15	DSI 16
LTE_B2	2	22.8	21.8	23.3	21.8	20.3	21.8	14.8	14.8	21.8	13.8	13.8	21.3
LTE_B2	3	24.3	24.3	24.8	23.3	23.3	24.8	16.3	16.3	24.8	14.3	14.3	24.8
LTE_B2	4	22.3	24.8	24.8	19.8	24.8	24.8	14.3	23.8	24.8	12.3	22.8	24.8
LTE_B2	5	20.1	20.1	24.1	17.1	17.1	24.1	14.6	14.6	24.1	13.1	13.1	24.1
LTE_B4	2	23.8	22.3	23.8	22.8	21.3	22.3	14.8	14.8	21.8	13.3	13.3	21.3
LTE_B4	3	24.8	24.8	24.8	24.3	24.3	24.8	16.8	16.8	24.8	15.8	15.8	24.8
LTE_B4	4	23.3	24.8	24.8	21.8	24.8	24.8	15.3	24.8	24.8	13.8	24.8	24.8
LTE_B4	5	23.1	23.1	24.1	21.6	21.6	24.1	13.6	13.6	24.1	12.6	12.6	24.1
LTE_B5	0	25.7	25.7	25.7	25.2	25.2	25.7	18.7	18.7	25.7	16.2	16.2	25.7
LTE_B5	1	24.5	25	25	23.5	25	25	19.5	25	25	18.5	25	25
LTE_B7	2	22	20.5	22	21.5	19.5	19.5	11.5	11.5	19	10.5	10.5	18
LTE_B7	3	22.8	22.8	24.8	21.8	21.8	24.8	15.3	15.3	24.8	13.3	13.3	24.8
LTE_B7	4	22.3	24.8	24.8	21.3	24.8	24.8	13.8	23.3	24.8	12.8	22.3	24.8
LTE_B7	5	20.8	20.8	19.3	18.3	18.3	16.8	12.8	12.8	23.8	11.8	11.8	23.8
LTE_B12	0	25.7	25.7	25.7	24.2	24.2	25.7	19.7	19.7	25.7	18.7	18.7	25.7
LTE_B12	1	25	25	25	24.5	25	25	19	25	25	17.5	25	25
LTE_B13	0	23.7	23.7	23.7	23.7	23.7	23.7	18.2	18.2	23.7	15.7	15.7	23.7
LTE_B13	1	23	23	23	23	23	23	19	23	23	17.5	23	23
LTE_B17	0	25.2	25.2	25.7	24.2	24.2	25.7	19.2	19.2	25.7	17.7	17.7	25.7
LTE_B17	1	25	25	25	24.5	25	25	20	25	25	17	25	25
LTE_B25	2	22.8	21.8	22.3	21.8	20.3	21.3	14.8	14.8	21.3	13.8	13.8	20.3
LTE_B25	3	24.3	24.3	24.8	23.3	23.3	24.8	15.8	15.8	24.8	13.3	13.3	24.8
LTE_B25	4	22.8	24.8	24.8	21.3	24.8	24.8	14.3	23.8	24.8	12.3	22.3	24.8
LTE_B25	5	23.1	23.1	24.1	22.1	22.1	24.1	14.6	14.6	24.1	13.1	13.1	24.1
LTE_B26	0	25.7	25.7	25.7	25.7	25.7	25.7	17.7	17.7	25.7	14.7	14.7	25.7
LTE_B26	1	25	25	25	24	25	25	20	25	25	19	25	25
LTE_B30	4	22.8	24.8	24.8	21.8	24.8	24.8	16.3	22.8	24.8	14.8	21.3	24.8
LTE_B30	5	21.8	21.8	23.8	20.8	20.8	23.8	12.8	12.8	23.8	11.3	11.3	23.8
LTE_B38	2	24.5	23.5	23	22	21	20	14.5	14.5	22.5	12.5	12.5	20
LTE_B38	3	24.8	24.8	24.8	24.8	24.8	24.8	17.3	17.3	24.8	15.3	15.3	24.8
LTE_B38	4	24.8	24.8	24.8	24.8	24.8	24.8	15.8	24.8	24.8	14.3	24.8	24.8
LTE_B38	5	23.8	23.8	23.8	23.8	23.8	23.8	15.3	15.3	23.8	12.8	12.8	23.8
LTE_B41-PC2	2	26	25	23	24	22.5	21.5	15.5	15.5	22	14	14	20.5
LTE_B41-PC2	3	26.3	26.3	26.3	26.3	26.3	26.3	19.8	19.8	26.3	17.3	17.3	26.3
LTE_B41-PC2	4	26.3	26.3	26.3	26.3	26.3	26.3	17.3	26.3	26.3	15.3	26.3	26.3
LTE_B41-PC2	5	25.3	25.3	25.3	25.3	25.3	25.3	16.8	16.8	25.3	14.3	14.3	25.3
LTE_B41-PC3	2	24.5	23.5	21.5	22.5	21	20	14	14	20.5	12.5	12.5	19
LTE_B41-PC3	3	24.8	24.8	24.8	24.8	24.8	24.8	18.3	18.3	24.8	15.8	15.8	24.8
LTE_B41-PC3	4	24.8	24.8	24.8	24.8	24.8	24.8	15.8	24.8	24.8	13.8	24.8	24.8
LTE_B41-PC3	5	23.8	23.8	23.8	23.8	23.8	23.8	15.3	15.3	23.8	12.8	12.8	23.8
LTE_B48	2	24.8	24.8	24.8	24.3	23.8	23.8	14.3	14.3	21.8	13.3	13.3	20.8
LTE_B48	3	23.8	23.8	23.8	23.8	23.8	23.8	14.8	14.8	23.8	11.3	11.3	23.8
LTE_B48	0	23.8	23.8	23.8	22.8	22.8	23.8	17.3	17.3	23.8	15.8	15.8	23.8
LTE_B48	7	21.8	21.8	21.8	21.8	21.8	21.8	10.3	10.3	20.3	9.8	9.8	18.8
LTE_B66	2	23.3	22.3	23.3	22.8	20.8	22.3	14.8	14.8	20.8	13.3	13.3	19.3
LTE_B66	3	24.3	24.3	24.8	22.8	22.8	24.8	16.8	16.8	24.8	15.8	15.8	24.8
LTE_B66	4	22.8	24.8	24.8	21.8	24.8	24.8	15.3	23.3	24.8	13.8	21.8	24.8
LTE_B66	5	23.1	23.1	24.1	22.1	22.1	24.1	13.6	13.6	24.1	12.6	12.6	24.1
LTE_B71	0	24.7	24.7	24.7	24.7	24.7	24.7	17.2	17.2	24.7	14.7	14.7	24.7
LTE_B71	1	24	24	24	24	24	24	20	24	24	18.5	24	24

Maximum Power Reduction (MPR) for LTE

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

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LTE Band2(ANT2 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	22.53	22.60	22.46	19.45
		1880 (18900)	22.57	22.69	22.51	19.51
		1850.7 (18607)	22.56	22.63	22.64	19.61
	1RB-Middle (3)	1909.3 (19193)	22.51	22.73	22.62	19.59
		1880 (18900)	22.56	22.76	22.61	19.59
		1850.7 (18607)	22.67	22.73	22.66	19.63
	1RB-Low (0)	1909.3 (19193)	22.53	22.78	22.74	19.78
		1880 (18900)	22.49	22.64	22.70	19.66
		1850.7 (18607)	22.53	22.74	22.47	19.47
	3RB-High (3)	1909.3 (19193)	22.65	22.52	22.54	19.52
		1880 (18900)	22.62	22.44	22.65	19.62
		1850.7 (18607)	22.63	22.75	22.56	19.54
	3RB-Middle (1)	1909.3 (19193)	22.64	22.59	22.49	19.49
		1880 (18900)	22.63	22.60	22.70	19.66
		1850.7 (18607)	22.68	22.52	22.60	19.58
	3RB-Low (0)	1909.3 (19193)	22.63	22.52	22.55	19.53
		1880 (18900)	22.62	22.58	22.68	19.65
		1850.7 (18607)	22.58	22.69	22.77	19.72
	6RB (0)	1909.3 (19193)	22.64	22.74	21.48	19.35
		1880 (18900)	22.62	22.64	21.51	19.38
		1850.7 (18607)	22.62	22.78	21.50	19.47
3MHz	1RB-High (14)	1908.5 (19185)	22.59	22.79	22.46	19.45
		1880 (18900)	22.47	22.71	22.50	19.50
		1851.5 (18615)	22.56	22.76	22.72	19.77
	1RB-Middle (7)	1908.5 (19185)	22.59	22.73	22.50	19.50
		1880 (18900)	22.60	22.79	22.69	19.66
		1851.5 (18615)	22.63	22.67	22.73	19.69
	1RB-Low (0)	1908.5 (19185)	22.54	22.76	22.40	19.40
		1880 (18900)	22.37	22.62	22.73	19.69
		1851.5 (18615)	22.49	22.58	22.67	19.64
	8RB-High (7)	1908.5 (19185)	22.63	22.61	21.29	19.39
		1880 (18900)	22.69	22.76	21.38	19.48
		1851.5 (18615)	22.67	22.70	21.41	19.51
	8RB-Middle (4)	1908.5 (19185)	22.68	22.71	21.34	19.43
		1880 (18900)	22.68	22.75	21.47	19.56
		1851.5 (18615)	22.72	22.76	21.42	19.52
	8RB-Low (0)	1908.5 (19185)	22.61	22.66	21.22	19.32
		1880 (18900)	22.62	22.67	21.37	19.47
		1851.5 (18615)	22.67	22.75	21.41	19.51
	15RB (0)	1908.5 (19185)	22.57	22.54	21.09	19.22
		1880 (18900)	22.65	22.64	21.35	19.44
		1851.5 (18615)	22.68	22.75	21.46	19.55

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5MHz	1RB-High (24)	1907.5 (19175)	22.65	22.80	22.56	19.54
		1880 (18900)	22.60	22.75	22.54	19.52
		1852.5 (18625)	22.64	22.65	22.63	19.60
	1RB-Middle (12)	1907.5 (19175)	22.78	22.78	22.56	19.54
		1880 (18900)	22.76	22.76	22.53	19.52
		1852.5 (18625)	22.77	22.74	22.75	19.71
	1RB-Low (0)	1907.5 (19175)	22.51	22.52	22.45	19.45
		1880 (18900)	22.53	22.78	22.60	19.58
		1852.5 (18625)	22.65	22.58	22.61	19.59
	12RB-High (13)	1907.5 (19175)	22.66	22.70	21.28	19.38
		1880 (18900)	22.57	22.60	21.37	19.47
		1852.5 (18625)	22.63	22.68	21.39	19.49
	12RB-Middle (6)	1907.5 (19175)	22.68	22.68	21.32	19.42
		1880 (18900)	22.58	22.70	21.44	19.53
		1852.5 (18625)	22.71	22.67	21.42	19.52
	12RB-Low (0)	1907.5 (19175)	22.65	22.67	21.20	19.32
		1880 (18900)	22.65	22.53	21.41	19.51
		1852.5 (18625)	22.59	22.64	21.34	19.43
	25RB (0)	1907.5 (19175)	22.63	22.67	21.12	19.24
		1880 (18900)	22.57	22.69	21.23	19.33
		1852.5 (18625)	22.61	22.70	21.40	19.50
10MHz	1RB-High (49)	1905 (19150)	22.59	22.72	22.76	19.80
		1880 (18900)	22.53	22.53	22.62	19.59
		1855 (18650)	22.62	22.79	22.71	19.67
	1RB-Middle (24)	1905 (19150)	22.49	22.40	22.50	19.50
		1880 (18900)	22.57	22.47	22.72	19.68
		1855 (18650)	22.53	22.69	22.70	19.66
	1RB-Low (0)	1905 (19150)	22.50	22.73	22.71	19.67
		1880 (18900)	22.60	22.73	22.57	19.55
		1855 (18650)	22.70	22.76	22.58	19.56
	25RB-High (25)	1905 (19150)	22.65	22.57	21.28	19.38
		1880 (18900)	22.59	22.63	21.40	19.50
		1855 (18650)	22.65	22.62	21.36	19.45
	25RB-Middle (12)	1905 (19150)	22.65	22.67	21.32	19.42
		1880 (18900)	22.56	22.68	21.31	19.41
		1855 (18650)	22.72	22.72	21.48	19.57
	25RB-Low (0)	1905 (19150)	22.59	22.57	21.35	19.44
		1880 (18900)	22.56	22.65	21.40	19.50
		1855 (18650)	22.58	22.53	21.37	19.47
	50RB (0)	1905 (19150)	22.60	22.68	21.26	19.36
		1880 (18900)	22.68	22.69	21.44	19.53
		1855 (18650)	22.66	22.64	21.44	19.53

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15MHz	1RB-High (74)	1902.5 (19125)	22.40	22.65	22.19	19.22
		1880 (18900)	22.34	22.69	22.60	19.58
		1857.5 (18675)	22.36	22.77	22.74	19.70
	1RB-Middle (37)	1902.5 (19125)	22.42	22.55	22.55	19.53
		1880 (18900)	22.33	22.59	22.40	19.40
		1857.5 (18675)	22.36	22.61	22.76	19.68
	1RB-Low (0)	1902.5 (19125)	22.50	22.52	22.45	19.45
		1880 (18900)	22.34	22.77	22.49	19.49
		1857.5 (18675)	22.38	22.54	22.57	19.55
	36RB-High (38)	1902.5 (19125)	22.58	22.53	21.41	19.30
		1880 (18900)	22.57	22.62	21.46	19.33
		1857.5 (18675)	22.50	22.57	21.46	19.33
	36RB-Middle (19)	1902.5 (19125)	22.48	22.51	21.28	19.18
		1880 (18900)	22.46	22.50	21.33	19.23
		1857.5 (18675)	22.53	22.68	21.51	19.38
	36RB-Low (0)	1902.5 (19125)	22.43	22.40	21.36	19.25
		1880 (18900)	22.46	22.48	21.50	19.37
		1857.5 (18675)	22.52	22.54	21.49	19.36
	75RB (0)	1902.5 (19125)	22.44	22.56	21.27	19.17
		1880 (18900)	22.46	22.55	21.34	19.23
		1857.5 (18675)	22.58	22.58	21.51	19.38
20MHz	1RB-High (99)	1900 (19100)	22.40	22.78	22.23	19.25
		1880 (18900)	22.55	22.70	22.57	19.55
		1860 (18700)	22.32	22.61	22.59	19.57
	1RB-Middle (50)	1900 (19100)	22.51	22.46	22.53	19.52
		1880 (18900)	22.41	22.34	22.55	19.53
		1860 (18700)	22.43	22.48	22.73	19.69
	1RB-Low (0)	1900 (19100)	22.46	22.17	22.51	19.51
		1880 (18900)	22.46	22.64	22.49	19.49
		1860 (18700)	22.49	22.57	22.80	19.75
	50RB-High (50)	1900 (19100)	22.58	22.43	21.42	19.31
		1880 (18900)	22.57	22.53	21.48	19.35
		1860 (18700)	22.57	22.56	21.50	19.37
	50RB-Middle (25)	1900 (19100)	22.46	22.49	21.47	19.34
		1880 (18900)	22.47	22.53	21.49	19.36
		1860 (18700)	22.49	22.58	21.48	19.44
	50RB-Low (0)	1900 (19100)	22.44	22.43	21.31	19.21
		1880 (18900)	22.40	22.37	21.47	19.34
		1860 (18700)	22.45	22.53	21.46	19.33
	100RB (0)	1900 (19100)	22.44	22.44	21.43	19.32
		1880 (18900)	22.50	22.59	21.36	19.25
		1860 (18700)	22.56	22.54	21.50	19.37

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LTE Band2(ANT2 DSI 2/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	21.43	21.58	21.54	19.63
		1880 (18900)	21.43	21.58	21.54	19.63
		1850.7 (18607)	21.51	21.56	21.53	19.62
	1RB-Middle (3)	1909.3 (19193)	21.55	21.41	21.37	19.48
		1880 (18900)	21.63	21.72	21.69	19.77
		1850.7 (18607)	21.64	21.71	21.68	19.76
	1RB-Low (0)	1909.3 (19193)	21.43	21.59	21.56	19.65
		1880 (18900)	21.22	21.50	21.47	19.56
		1850.7 (18607)	21.54	21.52	21.49	19.59
	3RB-High (3)	1909.3 (19193)	21.54	21.27	21.24	19.36
		1880 (18900)	21.55	21.31	21.28	19.39
		1850.7 (18607)	21.58	21.24	21.20	19.33
	3RB-Middle (1)	1909.3 (19193)	21.51	21.29	21.26	19.37
		1880 (18900)	21.47	21.18	21.15	19.29
		1850.7 (18607)	21.63	21.47	21.44	19.54
	3RB-Low (0)	1909.3 (19193)	21.51	21.16	21.12	19.26
		1880 (18900)	21.35	21.13	21.10	19.24
		1850.7 (18607)	21.58	21.10	21.09	19.21
	6RB (0)	1909.3 (19193)	21.47	21.12	21.10	19.23
		1880 (18900)	21.59	21.10	21.09	19.21
		1850.7 (18607)	21.56	21.16	21.12	19.26
3MHz	1RB-High (14)	1908.5 (19185)	21.43	21.47	21.44	19.54
		1880 (18900)	21.50	21.30	21.27	19.38
		1851.5 (18615)	21.52	21.59	21.56	19.65
	1RB-Middle (7)	1908.5 (19185)	21.58	21.51	21.48	19.57
		1880 (18900)	21.51	21.58	21.54	19.63
		1851.5 (18615)	21.48	21.51	21.48	19.57
	1RB-Low (0)	1908.5 (19185)	21.31	21.39	21.36	19.47
		1880 (18900)	21.47	21.44	21.41	19.51
		1851.5 (18615)	21.51	21.43	21.40	19.50
	8RB-High (7)	1908.5 (19185)	21.46	21.07	21.05	19.18
		1880 (18900)	21.58	21.24	21.20	19.33
		1851.5 (18615)	21.61	21.26	21.23	19.35
	8RB-Middle (4)	1908.5 (19185)	21.55	21.12	21.10	19.23
		1880 (18900)	21.60	21.26	21.23	19.35
		1851.5 (18615)	21.63	21.20	21.16	19.30
	8RB-Low (0)	1908.5 (19185)	21.44	21.09	21.07	19.20
		1880 (18900)	21.48	21.22	21.19	19.32
		1851.5 (18615)	21.60	21.38	21.35	19.45
	15RB (0)	1908.5 (19185)	21.44	20.97	20.95	19.09
		1880 (18900)	21.58	21.07	21.05	19.18
		1851.5 (18615)	21.59	21.16	21.12	19.26

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5MHz	1RB-High (24)	1907.5 (19175)	21.33	21.39	21.36	19.47
		1880 (18900)	21.33	21.35	21.32	19.43
		1852.5 (18625)	21.59	21.59	21.56	19.65
	1RB-Middle (12)	1907.5 (19175)	21.59	21.46	21.43	19.53
		1880 (18900)	21.59	21.50	21.47	19.56
		1852.5 (18625)	21.63	21.51	21.48	19.57
	1RB-Low (0)	1907.5 (19175)	21.38	21.65	21.62	19.71
		1880 (18900)	21.41	21.60	21.57	19.66
		1852.5 (18625)	21.54	21.60	21.57	19.66
	12RB-High (13)	1907.5 (19175)	21.58	21.18	21.15	19.29
		1880 (18900)	21.52	21.08	21.06	19.19
		1852.5 (18625)	21.67	21.20	21.16	19.30
	12RB-Middle (6)	1907.5 (19175)	21.67	21.17	21.14	19.27
		1880 (18900)	21.68	21.20	21.16	19.30
		1852.5 (18625)	21.71	21.29	21.26	19.37
	12RB-Low (0)	1907.5 (19175)	21.54	21.18	21.15	19.29
		1880 (18900)	21.48	20.97	20.95	19.09
		1852.5 (18625)	21.68	21.27	21.24	19.36
	25RB (0)	1907.5 (19175)	21.55	21.04	21.02	19.15
		1880 (18900)	21.55	21.16	21.12	19.26
		1852.5 (18625)	21.60	21.10	21.09	19.21
10MHz	1RB-High (49)	1905 (19150)	21.50	21.50	21.47	19.56
		1880 (18900)	21.41	21.65	21.75	19.83
		1855 (18650)	21.54	21.51	21.48	19.57
	1RB-Middle (24)	1905 (19150)	21.38	21.67	21.64	19.72
		1880 (18900)	21.35	21.48	21.45	19.55
		1855 (18650)	21.58	21.52	21.49	19.59
	1RB-Low (0)	1905 (19150)	21.30	21.51	21.74	19.82
		1880 (18900)	21.50	21.47	21.44	19.54
		1855 (18650)	21.41	21.68	21.65	19.73
	25RB-High (25)	1905 (19150)	21.52	21.08	21.06	19.19
		1880 (18900)	21.60	21.13	21.10	19.24
		1855 (18650)	21.61	21.22	21.19	19.32
	25RB-Middle (12)	1905 (19150)	21.54	21.12	21.10	19.23
		1880 (18900)	21.51	20.88	20.86	19.01
		1855 (18650)	21.69	21.20	21.16	19.30
	25RB-Low (0)	1905 (19150)	21.34	20.92	20.90	19.04
		1880 (18900)	21.52	21.03	21.01	19.14
		1855 (18650)	21.54	21.04	21.02	19.15
	50RB (0)	1905 (19150)	21.48	21.04	21.02	19.15
		1880 (18900)	21.58	21.07	21.05	19.18
		1855 (18650)	21.61	21.10	21.09	19.21

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15MHz	1RB-High (74)	1902.5 (19125)	20.95	20.99	20.97	19.10
		1880 (18900)	21.16	20.87	20.85	19.00
		1857.5 (18675)	21.08	21.44	21.41	19.51
	1RB-Middle (37)	1902.5 (19125)	21.31	21.26	21.23	19.35
		1880 (18900)	21.29	21.08	21.06	19.19
		1857.5 (18675)	21.46	21.54	21.77	19.84
	1RB-Low (0)	1902.5 (19125)	20.97	20.97	20.95	19.09
		1880 (18900)	21.13	21.24	21.20	19.33
		1857.5 (18675)	21.43	21.09	21.07	19.20
	36RB-High (38)	1902.5 (19125)	21.37	20.92	20.90	19.04
		1880 (18900)	21.50	21.05	21.03	19.16
		1857.5 (18675)	21.48	21.07	21.05	19.18
	36RB-Middle (19)	1902.5 (19125)	21.34	20.90	20.88	19.02
		1880 (18900)	21.31	20.79	20.77	18.92
		1857.5 (18675)	21.55	21.04	21.02	19.15
	36RB-Low (0)	1902.5 (19125)	21.31	20.93	20.91	19.06
		1880 (18900)	21.38	20.95	20.93	19.07
		1857.5 (18675)	21.52	21.05	21.03	19.16
	75RB (0)	1902.5 (19125)	21.31	20.99	20.97	19.10
		1880 (18900)	21.47	21.01	20.99	19.13
		1857.5 (18675)	21.44	21.03	21.01	19.14
20MHz	1RB-High (99)	1900 (19100)	21.04	21.08	21.06	19.21
		1880 (18900)	20.90	21.14	21.32	19.45
		1860 (18700)	21.25	21.13	21.39	19.52
	1RB-Middle (50)	1900 (19100)	21.03	21.16	21.73	19.82
		1880 (18900)	21.29	21.43	21.13	19.27
		1860 (18700)	20.99	21.31	21.47	19.58
	1RB-Low (0)	1900 (19100)	20.97	21.18	21.30	19.43
		1880 (18900)	21.45	21.22	21.70	19.99
		1860 (18700)	21.32	21.33	21.72	19.81
	50RB-High (50)	1900 (19100)	21.19	21.27	21.20	19.34
		1880 (18900)	21.17	21.28	21.23	19.37
		1860 (18700)	21.27	21.23	21.24	19.38
	50RB-Middle (25)	1900 (19100)	21.21	21.12	21.18	19.32
		1880 (18900)	21.18	21.24	21.22	19.35
		1860 (18700)	21.26	21.31	21.28	19.41
	50RB-Low (0)	1900 (19100)	21.04	21.11	21.19	19.33
		1880 (18900)	21.14	21.10	21.15	19.29
		1860 (18700)	21.22	21.20	21.22	19.35
	100RB (0)	1900 (19100)	21.12	21.09	21.31	19.44
		1880 (18900)	21.26	21.25	21.27	19.40
		1860 (18700)	21.23	21.23	21.27	19.40

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LTE Band2(ANT2 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	22.88	23.21	22.34	19.06
		1880 (18900)	22.88	23.21	22.36	19.11
		1850.7 (18607)	22.96	23.20	22.63	19.21
	1RB-Middle (3)	1909.3 (19193)	23.01	23.03	22.39	19.19
		1880 (18900)	23.09	23.16	22.30	19.19
		1850.7 (18607)	23.10	23.15	22.71	19.23
	1RB-Low (0)	1909.3 (19193)	22.88	23.23	22.27	19.58
		1880 (18900)	22.66	23.13	22.35	19.26
		1850.7 (18607)	22.99	23.16	22.40	19.07
	3RB-High (3)	1909.3 (19193)	22.99	22.89	22.07	19.12
		1880 (18900)	23.01	22.93	22.17	19.22
		1850.7 (18607)	23.03	22.85	22.15	19.14
	3RB-Middle (1)	1909.3 (19193)	22.96	22.91	21.94	19.09
		1880 (18900)	22.92	22.79	22.30	19.26
		1850.7 (18607)	23.09	23.10	22.08	19.18
	3RB-Low (0)	1909.3 (19193)	22.96	22.77	22.19	19.13
		1880 (18900)	22.80	22.74	22.12	19.25
		1850.7 (18607)	23.03	22.71	22.24	19.32
	6RB (0)	1909.3 (19193)	22.92	22.72	21.05	18.96
		1880 (18900)	23.05	22.71	21.01	18.99
		1850.7 (18607)	23.02	22.77	21.08	19.07
3MHz	1RB-High (14)	1908.5 (19185)	22.88	23.11	22.39	19.06
		1880 (18900)	22.77	23.00	22.16	19.10
		1851.5 (18615)	22.78	23.14	22.18	19.37
	1RB-Middle (7)	1908.5 (19185)	22.78	23.06	22.22	19.10
		1880 (18900)	22.90	23.17	22.39	19.26
		1851.5 (18615)	22.86	23.13	22.25	19.29
	1RB-Low (0)	1908.5 (19185)	22.87	23.12	22.38	19.01
		1880 (18900)	22.70	23.14	22.15	19.29
		1851.5 (18615)	22.71	22.99	22.14	19.24
	8RB-High (7)	1908.5 (19185)	22.92	22.95	21.08	19.00
		1880 (18900)	22.88	22.91	21.04	19.08
		1851.5 (18615)	22.97	23.00	21.22	19.11
	8RB-Middle (4)	1908.5 (19185)	22.98	22.94	21.18	19.04
		1880 (18900)	22.93	23.08	21.18	19.16
		1851.5 (18615)	23.00	23.05	21.24	19.12
	8RB-Low (0)	1908.5 (19185)	22.82	22.84	20.99	18.93
		1880 (18900)	22.94	22.95	21.07	19.07
		1851.5 (18615)	22.95	23.04	21.17	19.11
	15RB (0)	1908.5 (19185)	22.77	22.84	21.00	18.83
		1880 (18900)	22.89	22.86	21.04	19.05
		1851.5 (18615)	22.95	22.93	21.09	19.15

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5MHz	1RB-High (24)	1907.5 (19175)	22.87	23.23	22.22	19.14
		1880 (18900)	22.82	22.98	22.64	19.12
		1852.5 (18625)	22.77	23.16	22.25	19.20
	1RB-Middle (12)	1907.5 (19175)	22.92	23.17	22.37	19.14
		1880 (18900)	22.99	23.14	22.32	19.12
		1852.5 (18625)	22.91	23.22	22.34	19.31
	1RB-Low (0)	1907.5 (19175)	22.82	23.14	22.15	19.06
		1880 (18900)	22.78	23.27	22.25	19.18
		1852.5 (18625)	22.81	23.02	22.19	19.19
	12RB-High (13)	1907.5 (19175)	22.87	22.89	21.13	18.99
		1880 (18900)	22.95	22.85	21.13	19.07
		1852.5 (18625)	22.93	23.00	21.10	19.09
	12RB-Middle (6)	1907.5 (19175)	22.94	22.89	21.12	19.03
		1880 (18900)	22.94	23.05	21.17	19.13
		1852.5 (18625)	22.93	23.05	21.22	19.12
	12RB-Low (0)	1907.5 (19175)	22.92	22.92	21.06	18.93
		1880 (18900)	22.90	22.81	21.00	19.11
		1852.5 (18625)	22.96	22.97	21.14	19.04
	25RB (0)	1907.5 (19175)	22.90	22.91	21.03	18.85
		1880 (18900)	22.93	22.94	21.05	18.94
		1852.5 (18625)	22.93	22.95	21.14	19.10
10MHz	1RB-High (49)	1905 (19150)	22.93	23.02	22.30	19.40
		1880 (18900)	22.76	23.14	22.35	19.19
		1855 (18650)	22.82	23.24	22.48	19.27
	1RB-Middle (24)	1905 (19150)	22.97	23.22	22.19	19.10
		1880 (18900)	22.92	23.19	22.43	19.28
		1855 (18650)	22.84	23.22	22.23	19.26
	1RB-Low (0)	1905 (19150)	22.92	23.11	22.38	19.27
		1880 (18900)	22.82	23.14	22.39	19.15
		1855 (18650)	22.77	23.07	22.29	19.16
	25RB-High (25)	1905 (19150)	22.94	22.97	21.11	18.99
		1880 (18900)	22.92	22.88	21.13	19.10
		1855 (18650)	22.89	22.93	21.18	19.06
	25RB-Middle (12)	1905 (19150)	22.98	22.99	21.10	19.03
		1880 (18900)	22.85	22.87	21.05	19.02
		1855 (18650)	22.98	23.03	21.15	19.17
	25RB-Low (0)	1905 (19150)	22.82	22.86	20.99	19.05
		1880 (18900)	22.93	22.83	20.96	19.10
		1855 (18650)	22.88	22.85	21.13	19.07
	50RB (0)	1905 (19150)	22.94	22.90	21.09	18.97
		1880 (18900)	22.94	22.92	21.11	19.13
		1855 (18650)	22.94	22.94	21.10	19.13

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15MHz	1RB-High (74)	1902.5 (19125)	22.54	23.23	22.07	18.83
		1880 (18900)	22.61	22.80	22.20	19.18
		1857.5 (18675)	22.72	22.99	22.06	19.30
	1RB-Middle (37)	1902.5 (19125)	22.63	22.96	22.07	19.13
		1880 (18900)	22.63	22.97	22.06	19.01
		1857.5 (18675)	22.77	22.81	22.13	19.47
	1RB-Low (0)	1902.5 (19125)	22.64	23.12	21.75	19.06
		1880 (18900)	22.65	23.11	22.17	19.09
		1857.5 (18675)	22.76	22.91	22.15	19.15
	36RB-High (38)	1902.5 (19125)	22.88	22.85	21.03	18.91
		1880 (18900)	22.86	22.76	20.95	18.94
		1857.5 (18675)	22.82	22.90	20.99	18.94
	36RB-Middle (19)	1902.5 (19125)	22.64	22.82	20.95	18.79
		1880 (18900)	22.77	22.75	20.89	18.84
		1857.5 (18675)	22.80	22.92	21.11	18.99
	36RB-Low (0)	1902.5 (19125)	22.73	22.80	20.98	18.86
		1880 (18900)	22.77	22.72	20.91	18.98
		1857.5 (18675)	22.83	22.85	21.06	18.97
	75RB (0)	1902.5 (19125)	22.81	22.67	20.93	18.78
		1880 (18900)	22.85	22.80	21.08	18.84
		1857.5 (18675)	22.84	22.83	21.00	18.99
20MHz	1RB-High (99)	1900 (19100)	22.65	22.72	22.16	18.86
		1880 (18900)	22.53	23.10	21.98	19.15
		1860 (18700)	22.64	22.93	21.91	19.17
	1RB-Middle (50)	1900 (19100)	22.67	23.08	22.07	19.12
		1880 (18900)	22.70	23.16	22.34	19.13
		1860 (18700)	22.80	22.89	22.35	19.29
	1RB-Low (0)	1900 (19100)	22.72	22.72	22.17	19.11
		1880 (18900)	22.85	22.74	22.13	19.09
		1860 (18700)	22.96	23.06	22.06	19.35
	50RB-High (50)	1900 (19100)	22.80	22.79	21.04	18.92
		1880 (18900)	22.88	22.81	21.05	18.96
		1860 (18700)	22.89	22.77	21.11	18.98
	50RB-Middle (25)	1900 (19100)	22.73	22.73	20.99	18.95
		1880 (18900)	22.86	22.83	21.13	18.97
		1860 (18700)	22.84	22.87	21.16	19.05
	50RB-Low (0)	1900 (19100)	22.70	22.71	20.99	18.82
		1880 (18900)	22.74	22.76	20.96	18.95
		1860 (18700)	22.81	22.82	21.04	18.94
	100RB (0)	1900 (19100)	22.69	22.72	20.99	18.93
		1880 (18900)	22.83	22.81	21.06	18.86
		1860 (18700)	22.83	22.82	21.09	18.98

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LTE Band2(ANT2 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	14.37	14.66	14.56	14.66
		1880 (18900)	14.55	14.59	14.64	14.41
		1850.7 (18607)	14.51	14.70	14.60	14.63
	1RB-Middle (3)	1909.3 (19193)	14.42	14.63	14.60	14.35
		1880 (18900)	14.57	14.62	14.53	14.51
		1850.7 (18607)	14.61	14.66	14.64	14.44
	1RB-Low (0)	1909.3 (19193)	14.42	14.61	14.64	14.45
		1880 (18900)	14.40	14.69	14.60	14.61
		1850.7 (18607)	14.38	14.57	14.55	14.45
	3RB-High (3)	1909.3 (19193)	14.41	14.53	14.63	14.66
		1880 (18900)	14.47	14.68	14.67	14.35
		1850.7 (18607)	14.60	14.53	14.60	14.44
	3RB-Middle (1)	1909.3 (19193)	14.42	14.68	14.53	14.33
		1880 (18900)	14.54	14.58	14.53	14.53
		1850.7 (18607)	14.66	14.70	14.54	14.49
	3RB-Low (0)	1909.3 (19193)	14.45	14.62	14.53	14.44
		1880 (18900)	14.54	14.51	14.62	14.38
		1850.7 (18607)	14.62	14.63	14.57	14.51
	6RB (0)	1909.3 (19193)	14.40	14.65	14.51	14.59
		1880 (18900)	14.62	14.70	14.61	14.37
		1850.7 (18607)	14.63	14.61	14.64	14.64
3MHz	1RB-High (14)	1908.5 (19185)	14.37	14.56	14.44	14.50
		1880 (18900)	14.26	14.64	14.69	14.51
		1851.5 (18615)	14.46	14.67	14.64	14.56
	1RB-Middle (7)	1908.5 (19185)	14.43	14.65	14.51	14.41
		1880 (18900)	14.59	14.67	14.55	14.46
		1851.5 (18615)	14.64	14.56	14.54	14.35
	1RB-Low (0)	1908.5 (19185)	14.35	14.63	14.53	14.58
		1880 (18900)	14.62	14.66	14.66	14.47
		1851.5 (18615)	14.53	14.70	14.61	14.58
	8RB-High (7)	1908.5 (19185)	14.51	14.59	14.59	14.53
		1880 (18900)	14.56	14.60	14.68	14.63
		1851.5 (18615)	14.61	14.67	14.64	14.49
	8RB-Middle (4)	1908.5 (19185)	14.55	14.65	14.60	14.57
		1880 (18900)	14.60	14.52	14.66	14.44
		1851.5 (18615)	14.62	14.54	14.60	14.66
	8RB-Low (0)	1908.5 (19185)	14.46	14.50	14.59	14.66
		1880 (18900)	14.56	14.70	14.62	14.53
		1851.5 (18615)	14.64	14.69	14.66	14.67
	15RB (0)	1908.5 (19185)	14.43	14.47	14.47	14.52
		1880 (18900)	14.51	14.63	14.56	14.40
		1851.5 (18615)	14.62	14.67	14.68	14.60

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5MHz	1RB-High (24)	1907.5 (19175)	14.54	14.55	14.43	14.65
		1880 (18900)	14.47	14.67	14.65	14.70
		1852.5 (18625)	14.65	14.52	14.54	14.33
	1RB-Middle (12)	1907.5 (19175)	14.62	14.60	14.54	14.59
		1880 (18900)	14.52	14.75	14.57	14.54
		1852.5 (18625)	14.56	14.56	14.61	14.37
	1RB-Low (0)	1907.5 (19175)	14.35	14.55	14.60	14.34
		1880 (18900)	14.31	14.60	14.63	14.70
		1852.5 (18625)	14.49	14.71	14.66	14.37
	12RB-High (13)	1907.5 (19175)	14.53	14.55	14.56	14.61
		1880 (18900)	14.56	14.65	14.60	14.42
		1852.5 (18625)	14.56	14.57	14.60	14.34
	12RB-Middle (6)	1907.5 (19175)	14.60	14.57	14.63	14.46
		1880 (18900)	14.56	14.65	14.65	14.42
		1852.5 (18625)	14.69	14.63	14.67	14.51
	12RB-Low (0)	1907.5 (19175)	14.56	14.57	14.55	14.48
		1880 (18900)	14.43	14.51	14.55	14.40
		1852.5 (18625)	14.62	14.61	14.65	14.30
	25RB (0)	1907.5 (19175)	14.53	14.47	14.54	14.53
		1880 (18900)	14.54	14.59	14.57	14.53
		1852.5 (18625)	14.58	14.58	14.60	14.67
10MHz	1RB-High (49)	1905 (19150)	14.38	14.55	14.52	14.45
		1880 (18900)	14.54	14.74	14.56	14.61
		1855 (18650)	14.55	14.63	14.61	14.64
	1RB-Middle (24)	1905 (19150)	14.50	14.55	14.59	14.57
		1880 (18900)	14.60	14.58	14.69	14.37
		1855 (18650)	14.54	14.64	14.60	14.61
	1RB-Low (0)	1905 (19150)	14.50	14.52	14.66	14.34
		1880 (18900)	14.39	14.69	14.67	14.57
		1855 (18650)	14.45	14.53	14.65	14.40
	25RB-High (25)	1905 (19150)	14.56	14.55	14.54	14.64
		1880 (18900)	14.54	14.52	14.59	14.44
		1855 (18650)	14.58	14.63	14.65	14.59
	25RB-Middle (12)	1905 (19150)	14.60	14.62	14.61	14.62
		1880 (18900)	14.58	14.60	14.60	14.31
		1855 (18650)	14.70	14.62	14.61	14.59
	25RB-Low (0)	1905 (19150)	14.46	14.47	14.46	14.40
		1880 (18900)	14.48	14.57	14.49	14.40
		1855 (18650)	14.58	14.58	14.62	14.34
	50RB (0)	1905 (19150)	14.48	14.51	14.58	14.53
		1880 (18900)	14.52	14.62	14.58	14.42
		1855 (18650)	14.63	14.62	14.67	14.66

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15MHz	1RB-High (74)	1902.5 (19125)	14.12	14.43	14.50	14.36
		1880 (18900)	14.60	14.68	14.44	14.57
		1857.5 (18675)	14.25	14.40	14.49	14.63
	1RB-Middle (37)	1902.5 (19125)	14.19	14.47	14.12	14.60
		1880 (18900)	14.20	14.66	14.30	14.33
		1857.5 (18675)	14.33	14.57	14.48	14.43
	1RB-Low (0)	1902.5 (19125)	14.22	14.47	14.57	14.32
		1880 (18900)	14.43	14.55	14.33	14.42
		1857.5 (18675)	14.31	14.52	14.59	14.62
	36RB-High (38)	1902.5 (19125)	14.46	14.37	14.37	14.33
		1880 (18900)	14.43	14.45	14.49	14.34
		1857.5 (18675)	14.47	14.51	14.47	14.35
	36RB-Middle (19)	1902.5 (19125)	14.35	14.32	14.30	14.34
		1880 (18900)	14.49	14.50	14.46	14.58
		1857.5 (18675)	14.44	14.48	14.44	14.36
	36RB-Low (0)	1902.5 (19125)	14.34	14.39	14.32	14.52
		1880 (18900)	14.41	14.39	14.37	14.37
		1857.5 (18675)	14.39	14.41	14.40	14.67
	75RB (0)	1902.5 (19125)	14.39	14.37	14.27	14.36
		1880 (18900)	14.43	14.42	14.43	14.68
		1857.5 (18675)	14.49	14.48	14.49	14.53
20MHz	1RB-High (99)	1900 (19100)	14.36	14.53	14.41	14.37
		1880 (18900)	14.17	14.78	14.35	14.58
		1860 (18700)	14.18	14.50	14.74	14.64
	1RB-Middle (50)	1900 (19100)	14.30	14.64	14.76	14.52
		1880 (18900)	14.22	14.65	14.52	14.45
		1860 (18700)	14.25	14.49	14.40	14.64
	1RB-Low (0)	1900 (19100)	14.41	14.41	14.44	14.47
		1880 (18900)	14.50	14.39	14.19	14.63
		1860 (18700)	14.40	14.60	14.33	14.38
	50RB-High (50)	1900 (19100)	14.48	14.52	14.41	14.47
		1880 (18900)	14.44	14.45	14.44	14.37
		1860 (18700)	14.41	14.49	14.48	14.32
	50RB-Middle (25)	1900 (19100)	14.36	14.33	14.36	14.60
		1880 (18900)	14.43	14.45	14.54	14.53
		1860 (18700)	14.53	14.43	14.52	14.63
	50RB-Low (0)	1900 (19100)	14.29	14.34	14.33	14.64
		1880 (18900)	14.46	14.40	14.41	14.69
		1860 (18700)	14.56	14.48	14.48	14.46
	100RB (0)	1900 (19100)	14.31	14.36	14.38	14.63
		1880 (18900)	14.45	14.47	14.46	14.69
		1860 (18700)	14.52	14.45	14.44	14.49

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LTE Band2(ANT3 DSI 1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	23.42	23.52	22.38	19.17
		1880 (18900)	23.47	23.54	22.40	19.22
		1850.7 (18607)	23.48	23.52	22.67	19.32
	1RB-Middle (3)	1909.3 (19193)	23.39	23.57	22.43	19.30
		1880 (18900)	23.58	23.47	22.34	19.30
		1850.7 (18607)	23.58	23.51	22.75	19.34
	1RB-Low (0)	1909.3 (19193)	23.41	23.44	22.31	19.69
		1880 (18900)	23.36	23.53	22.39	19.37
		1850.7 (18607)	23.42	23.58	22.44	19.18
	3RB-High (3)	1909.3 (19193)	23.49	23.23	22.11	19.23
		1880 (18900)	23.43	23.34	22.21	19.33
		1850.7 (18607)	23.54	23.32	22.19	19.25
	3RB-Middle (1)	1909.3 (19193)	23.44	23.09	21.98	19.20
		1880 (18900)	23.89	23.47	22.34	19.37
		1850.7 (18607)	23.60	23.24	22.12	19.29
	3RB-Low (0)	1909.3 (19193)	23.52	23.36	22.23	19.24
		1880 (18900)	23.43	23.28	22.16	19.36
		1850.7 (18607)	23.52	23.41	22.28	19.43
	6RB (0)	1909.3 (19193)	23.03	22.15	21.09	19.07
		1880 (18900)	23.10	22.11	21.05	19.10
		1850.7 (18607)	23.12	22.18	21.12	19.18
3MHz	1RB-High (14)	1908.5 (19185)	23.31	23.57	22.43	19.17
		1880 (18900)	23.39	23.33	22.20	19.21
		1851.5 (18615)	23.47	23.35	22.22	19.48
	1RB-Middle (7)	1908.5 (19185)	23.53	23.39	22.26	19.21
		1880 (18900)	23.67	23.57	22.43	19.37
		1851.5 (18615)	23.56	23.42	22.29	19.40
	1RB-Low (0)	1908.5 (19185)	23.28	23.56	22.42	19.12
		1880 (18900)	23.49	23.32	22.19	19.40
		1851.5 (18615)	23.51	23.30	22.18	19.35
	8RB-High (7)	1908.5 (19185)	23.21	22.18	21.12	19.11
		1880 (18900)	23.16	22.14	21.08	19.19
		1851.5 (18615)	23.22	22.33	21.26	19.22
	8RB-Middle (4)	1908.5 (19185)	23.11	22.29	21.22	19.15
		1880 (18900)	23.15	22.29	21.22	19.27
		1851.5 (18615)	23.26	22.35	21.28	19.23
	8RB-Low (0)	1908.5 (19185)	23.06	22.09	21.03	19.04
		1880 (18900)	23.17	22.17	21.11	19.18
		1851.5 (18615)	23.20	22.28	21.21	19.22
	15RB (0)	1908.5 (19185)	22.97	22.10	21.04	18.94
		1880 (18900)	23.12	22.14	21.08	19.16
		1851.5 (18615)	23.17	22.19	21.13	19.26

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5MHz	1RB-High (24)	1907.5 (19175)	23.39	23.39	22.26	19.25
		1880 (18900)	23.46	23.53	22.68	19.23
		1852.5 (18625)	23.50	23.42	22.29	19.31
	1RB-Middle (12)	1907.5 (19175)	23.52	23.55	22.41	19.25
		1880 (18900)	23.54	23.50	22.36	19.23
		1852.5 (18625)	23.68	23.57	22.38	19.42
	1RB-Low (0)	1907.5 (19175)	23.43	23.32	22.19	19.17
		1880 (18900)	23.35	23.42	22.29	19.29
		1852.5 (18625)	23.53	23.36	22.23	19.30
	12RB-High (13)	1907.5 (19175)	23.14	22.23	21.17	19.10
		1880 (18900)	23.11	22.23	21.17	19.18
		1852.5 (18625)	23.24	22.20	21.14	19.20
	12RB-Middle (6)	1907.5 (19175)	23.11	22.22	21.16	19.14
		1880 (18900)	23.15	22.28	21.21	19.24
		1852.5 (18625)	23.18	22.33	21.26	19.23
	12RB-Low (0)	1907.5 (19175)	23.14	22.16	21.10	19.04
		1880 (18900)	23.10	22.10	21.04	19.22
		1852.5 (18625)	23.16	22.24	21.18	19.15
	25RB (0)	1907.5 (19175)	23.12	22.13	21.07	18.96
		1880 (18900)	23.17	22.15	21.09	19.05
		1852.5 (18625)	23.20	22.24	21.18	19.21
10MHz	1RB-High (49)	1905 (19150)	23.53	23.47	22.34	19.51
		1880 (18900)	23.41	23.53	22.39	19.30
		1855 (18650)	23.60	23.67	22.52	19.38
	1RB-Middle (24)	1905 (19150)	23.41	23.36	22.23	19.21
		1880 (18900)	23.52	23.61	22.47	19.39
		1855 (18650)	23.73	23.40	22.27	19.37
	1RB-Low (0)	1905 (19150)	23.45	23.56	22.42	19.38
		1880 (18900)	23.57	23.57	22.43	19.26
		1855 (18650)	23.55	23.46	22.33	19.27
	25RB-High (25)	1905 (19150)	23.19	22.21	21.15	19.10
		1880 (18900)	23.21	22.23	21.17	19.21
		1855 (18650)	23.28	22.29	21.22	19.17
	25RB-Middle (12)	1905 (19150)	23.23	22.20	21.14	19.14
		1880 (18900)	23.15	22.15	21.09	19.13
		1855 (18650)	23.30	22.25	21.19	19.28
	25RB-Low (0)	1905 (19150)	23.14	22.09	21.03	19.16
		1880 (18900)	23.10	22.05	21.00	19.21
		1855 (18650)	23.15	22.23	21.17	19.18
	50RB (0)	1905 (19150)	23.13	22.19	21.13	19.08
		1880 (18900)	23.17	22.21	21.15	19.24
		1855 (18650)	23.25	22.20	21.14	19.24

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15MHz	1RB-High (74)	1902.5 (19125)	23.36	23.23	22.11	18.94
		1880 (18900)	23.30	23.37	22.24	19.29
		1857.5 (18675)	23.63	23.22	22.10	19.41
	1RB-Middle (37)	1902.5 (19125)	23.32	23.23	22.11	19.24
		1880 (18900)	23.37	23.22	22.10	19.12
		1857.5 (18675)	23.41	23.29	22.17	19.58
	1RB-Low (0)	1902.5 (19125)	23.29	22.89	21.79	19.17
		1880 (18900)	23.61	23.34	22.21	19.20
		1857.5 (18675)	23.41	23.31	22.19	19.26
	36RB-High (38)	1902.5 (19125)	23.09	22.13	21.07	19.02
		1880 (18900)	23.15	22.04	20.99	19.05
		1857.5 (18675)	23.16	22.09	21.03	19.05
	36RB-Middle (19)	1902.5 (19125)	23.03	22.04	20.99	18.90
		1880 (18900)	23.05	21.98	20.93	18.95
		1857.5 (18675)	23.10	22.21	21.15	19.10
	36RB-Low (0)	1902.5 (19125)	23.04	22.07	21.02	18.97
		1880 (18900)	23.05	22.00	20.95	19.09
		1857.5 (18675)	23.12	22.16	21.10	19.08
	75RB (0)	1902.5 (19125)	23.01	22.02	20.97	18.89
		1880 (18900)	23.09	22.18	21.12	18.95
		1857.5 (18675)	23.18	22.10	21.04	19.10
20MHz	1RB-High (99)	1900 (19100)	23.44	23.33	22.20	18.97
		1880 (18900)	23.43	23.13	22.02	19.26
		1860 (18700)	23.79	23.06	21.95	19.28
	1RB-Middle (50)	1900 (19100)	23.42	23.23	22.11	19.23
		1880 (18900)	23.43	23.52	22.38	19.24
		1860 (18700)	23.49	23.53	22.39	19.40
	1RB-Low (0)	1900 (19100)	23.37	23.34	22.21	19.22
		1880 (18900)	23.59	23.29	22.17	19.20
		1860 (18700)	23.41	23.22	22.10	19.46
	50RB-High (50)	1900 (19100)	23.15	22.14	21.08	19.03
		1880 (18900)	23.13	22.15	21.09	19.07
		1860 (18700)	23.18	22.21	21.15	19.09
	50RB-Middle (25)	1900 (19100)	23.07	22.08	21.03	19.06
		1880 (18900)	23.10	22.23	21.17	19.08
		1860 (18700)	23.17	22.26	21.20	19.16
	50RB-Low (0)	1900 (19100)	22.99	22.08	21.03	18.93
		1880 (18900)	23.09	22.05	21.00	19.06
		1860 (18700)	23.04	22.14	21.08	19.05
	100RB (0)	1900 (19100)	23.10	22.09	21.03	19.04
		1880 (18900)	23.20	22.16	21.10	18.97
		1860 (18700)	23.17	22.19	21.13	19.09

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LTE Band2(ANT3 DSI 5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	23.99	23.41	22.08	19.21
		1880 (18900)	24.04	23.59	22.13	19.26
		1850.7 (18607)	24.09	23.48	22.25	19.36
	1RB-Middle (3)	1909.3 (19193)	24.02	23.71	22.23	19.34
		1880 (18900)	24.08	23.51	22.22	19.34
		1850.7 (18607)	24.21	23.57	22.27	19.38
	1RB-Low (0)	1909.3 (19193)	23.96	23.44	22.67	19.73
		1880 (18900)	24.14	23.27	22.31	19.41
		1850.7 (18607)	24.19	23.45	22.09	19.22
	3RB-High (3)	1909.3 (19193)	24.04	23.10	22.15	19.27
		1880 (18900)	24.13	23.35	22.26	19.37
		1850.7 (18607)	24.18	23.49	22.17	19.29
	3RB-Middle (1)	1909.3 (19193)	23.92	23.15	22.11	19.24
		1880 (18900)	24.16	23.42	22.31	19.41
		1850.7 (18607)	24.24	23.16	22.21	19.33
	3RB-Low (0)	1909.3 (19193)	23.98	23.37	22.16	19.28
		1880 (18900)	24.19	23.25	22.29	19.40
		1850.7 (18607)	24.18	23.55	22.38	19.47
	6RB (0)	1909.3 (19193)	23.05	22.25	21.12	19.11
		1880 (18900)	23.18	22.28	21.15	19.14
		1850.7 (18607)	23.24	22.20	21.24	19.22
3MHz	1RB-High (14)	1908.5 (19185)	23.93	23.39	22.08	19.21
		1880 (18900)	24.17	23.50	22.12	19.25
		1851.5 (18615)	24.09	23.38	22.43	19.52
	1RB-Middle (7)	1908.5 (19185)	24.13	23.45	22.12	19.25
		1880 (18900)	24.20	23.53	22.30	19.41
		1851.5 (18615)	24.16	23.46	22.34	19.44
	1RB-Low (0)	1908.5 (19185)	23.93	23.43	22.02	19.16
		1880 (18900)	24.04	23.60	22.34	19.44
		1851.5 (18615)	24.22	23.45	22.28	19.39
	8RB-High (7)	1908.5 (19185)	23.15	22.18	21.16	19.15
		1880 (18900)	23.21	22.34	21.25	19.23
		1851.5 (18615)	23.24	22.33	21.28	19.26
	8RB-Middle (4)	1908.5 (19185)	23.17	22.22	21.21	19.19
		1880 (18900)	23.29	22.31	21.34	19.31
		1851.5 (18615)	23.33	22.35	21.29	19.27
	8RB-Low (0)	1908.5 (19185)	23.13	22.20	21.09	19.08
		1880 (18900)	23.26	22.33	21.24	19.22
		1851.5 (18615)	23.32	22.31	21.28	19.26
	15RB (0)	1908.5 (19185)	23.12	22.16	20.97	18.98
		1880 (18900)	23.28	22.24	21.22	19.20
		1851.5 (18615)	23.22	22.25	21.33	19.30

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5MHz	1RB-High (24)	1907.5 (19175)	23.94	23.33	22.17	19.29
		1880 (18900)	24.17	23.59	22.15	19.27
		1852.5 (18625)	24.16	23.45	22.24	19.35
	1RB-Middle (12)	1907.5 (19175)	24.18	23.80	22.17	19.29
		1880 (18900)	24.24	23.62	22.14	19.27
		1852.5 (18625)	24.17	23.70	22.36	19.46
	1RB-Low (0)	1907.5 (19175)	23.92	23.38	22.07	19.21
		1880 (18900)	24.09	23.27	22.21	19.33
		1852.5 (18625)	24.07	23.55	22.22	19.34
	12RB-High (13)	1907.5 (19175)	23.10	22.20	21.15	19.14
		1880 (18900)	23.30	22.28	21.24	19.22
		1852.5 (18625)	23.20	22.35	21.26	19.24
	12RB-Middle (6)	1907.5 (19175)	23.13	22.24	21.19	19.18
		1880 (18900)	23.24	22.30	21.31	19.28
		1852.5 (18625)	23.29	22.38	21.29	19.27
	12RB-Low (0)	1907.5 (19175)	23.03	22.15	21.08	19.08
		1880 (18900)	23.17	22.22	21.28	19.26
		1852.5 (18625)	23.28	22.34	21.21	19.19
	25RB (0)	1907.5 (19175)	23.07	22.06	21.00	19.00
		1880 (18900)	23.17	22.24	21.10	19.09
		1852.5 (18625)	23.27	22.24	21.27	19.25
10MHz	1RB-High (49)	1905 (19150)	24.00	23.39	22.47	19.55
		1880 (18900)	24.15	23.58	22.23	19.34
		1855 (18650)	24.15	23.63	22.32	19.42
	1RB-Middle (24)	1905 (19150)	24.04	23.37	22.12	19.25
		1880 (18900)	24.17	23.40	22.33	19.43
		1855 (18650)	24.39	23.56	22.31	19.41
	1RB-Low (0)	1905 (19150)	24.08	23.29	22.32	19.42
		1880 (18900)	24.18	23.28	22.18	19.30
		1855 (18650)	24.04	23.50	22.19	19.31
	25RB-High (25)	1905 (19150)	23.16	22.24	21.15	19.14
		1880 (18900)	23.25	22.29	21.27	19.25
		1855 (18650)	23.26	22.28	21.23	19.21
	25RB-Middle (12)	1905 (19150)	23.16	22.19	21.19	19.18
		1880 (18900)	23.13	22.29	21.18	19.17
		1855 (18650)	23.30	22.30	21.35	19.32
	25RB-Low (0)	1905 (19150)	23.17	22.21	21.22	19.20
		1880 (18900)	23.22	22.13	21.27	19.25
		1855 (18650)	23.19	22.21	21.24	19.22
	50RB (0)	1905 (19150)	23.12	22.18	21.13	19.12
		1880 (18900)	23.21	22.21	21.31	19.28
		1855 (18650)	23.28	22.25	21.31	19.28

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15MHz	1RB-High (74)	1902.5 (19125)	23.79	23.42	21.81	18.98
		1880 (18900)	24.02	23.11	22.21	19.33
		1857.5 (18675)	24.16	23.46	22.35	19.45
	1RB-Middle (37)	1902.5 (19125)	23.84	23.03	22.16	19.28
		1880 (18900)	24.01	23.43	22.02	19.16
		1857.5 (18675)	24.06	23.31	22.55	19.62
	1RB-Low (0)	1902.5 (19125)	24.12	23.09	22.07	19.21
		1880 (18900)	23.92	23.25	22.11	19.24
		1857.5 (18675)	24.05	23.34	22.18	19.30
	36RB-High (38)	1902.5 (19125)	23.02	21.92	21.06	19.06
		1880 (18900)	23.06	22.08	21.10	19.09
		1857.5 (18675)	23.13	22.19	21.10	19.09
	36RB-Middle (19)	1902.5 (19125)	22.96	21.95	20.93	18.94
		1880 (18900)	23.05	22.02	20.98	18.99
		1857.5 (18675)	23.15	22.15	21.15	19.14
	36RB-Low (0)	1902.5 (19125)	22.96	22.00	21.01	19.01
		1880 (18900)	23.01	22.09	21.14	19.13
		1857.5 (18675)	23.22	22.17	21.13	19.12
	75RB (0)	1902.5 (19125)	22.93	21.97	20.92	18.93
		1880 (18900)	22.99	22.02	20.99	18.99
		1857.5 (18675)	23.12	22.21	21.15	19.14
20MHz	1RB-High (99)	1900 (19100)	23.74	23.18	21.85	19.01
		1880 (18900)	24.03	23.35	22.18	19.30
		1860 (18700)	24.02	23.11	22.20	19.32
	1RB-Middle (50)	1900 (19100)	23.93	23.80	22.14	19.27
		1880 (18900)	23.98	23.67	22.16	19.28
		1860 (18700)	24.00	23.21	22.34	19.44
	1RB-Low (0)	1900 (19100)	23.93	23.07	22.13	19.26
		1880 (18900)	24.20	23.30	22.11	19.24
		1860 (18700)	23.95	23.38	22.41	19.50
	50RB-High (50)	1900 (19100)	22.93	22.02	21.07	19.07
		1880 (18900)	23.07	22.11	21.12	19.11
		1860 (18700)	23.22	22.18	21.14	19.13
	50RB-Middle (25)	1900 (19100)	23.06	22.09	21.11	19.10
		1880 (18900)	23.11	22.07	21.13	19.12
		1860 (18700)	23.11	22.16	21.22	19.20
	50RB-Low (0)	1900 (19100)	22.95	22.02	20.96	18.97
		1880 (18900)	23.10	22.12	21.11	19.10
		1860 (18700)	23.12	22.10	21.10	19.09
	100RB (0)	1900 (19100)	23.02	22.11	21.08	19.08
		1880 (18900)	22.99	22.08	21.01	19.01
		1860 (18700)	23.14	22.17	21.14	19.13

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LTE Band2(ANT3 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	15.26	15.15	14.95	15.03
		1880 (18900)	15.26	15.15	14.95	15.03
		1850.7 (18607)	15.32	15.14	14.94	15.02
	1RB-Middle (3)	1909.3 (19193)	15.35	15.03	14.83	14.91
		1880 (18900)	15.40	15.25	15.05	15.13
		1850.7 (18607)	15.41	15.24	15.04	15.12
	1RB-Low (0)	1909.3 (19193)	15.26	15.16	14.96	15.04
		1880 (18900)	15.11	15.09	14.90	14.97
		1850.7 (18607)	15.34	15.11	14.91	14.99
	3RB-High (3)	1909.3 (19193)	15.34	14.94	14.74	14.82
		1880 (18900)	15.35	14.97	14.77	14.85
		1850.7 (18607)	15.36	14.91	14.72	14.80
	3RB-Middle (1)	1909.3 (19193)	15.32	14.95	14.75	14.83
		1880 (18900)	15.29	14.88	14.68	14.76
		1850.7 (18607)	15.40	15.08	14.88	14.96
	3RB-Low (0)	1909.3 (19193)	15.32	14.86	14.66	14.75
		1880 (18900)	15.21	14.84	14.64	14.73
		1850.7 (18607)	15.36	14.82	14.63	14.71
	6RB (0)	1909.3 (19193)	15.29	14.83	14.64	14.72
		1880 (18900)	15.37	14.82	14.63	14.71
		1850.7 (18607)	15.35	14.86	14.66	14.75
3MHz	1RB-High (14)	1908.5 (19185)	15.26	15.08	14.88	14.96
		1880 (18900)	15.31	14.96	14.76	14.84
		1851.5 (18615)	15.33	15.16	14.96	15.04
	1RB-Middle (7)	1908.5 (19185)	15.36	15.10	14.90	14.98
		1880 (18900)	15.32	15.15	14.95	15.03
		1851.5 (18615)	15.30	15.10	14.90	14.98
	1RB-Low (0)	1908.5 (19185)	15.18	15.02	14.82	14.90
		1880 (18900)	15.29	15.06	14.86	14.94
		1851.5 (18615)	15.32	15.05	14.85	14.93
	8RB-High (7)	1908.5 (19185)	15.28	14.79	14.61	14.68
		1880 (18900)	15.36	14.91	14.72	14.80
		1851.5 (18615)	15.39	14.93	14.73	14.81
	8RB-Middle (4)	1908.5 (19185)	15.35	14.83	14.64	14.72
		1880 (18900)	15.38	14.93	14.73	14.81
		1851.5 (18615)	15.40	14.89	14.69	14.77
	8RB-Low (0)	1908.5 (19185)	15.27	14.81	14.63	14.70
		1880 (18900)	15.30	14.90	14.71	14.79
		1851.5 (18615)	15.38	15.01	14.81	14.89
	15RB (0)	1908.5 (19185)	15.27	14.73	14.54	14.62
		1880 (18900)	15.36	14.79	14.61	14.68
		1851.5 (18615)	15.37	14.86	14.66	14.75

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5MHz	1RB-High (24)	1907.5 (19175)	15.19	15.02	14.82	14.90
		1880 (18900)	15.19	14.99	14.80	14.87
		1852.5 (18625)	15.37	15.16	14.96	15.04
	1RB-Middle (12)	1907.5 (19175)	15.37	15.07	14.87	14.95
		1880 (18900)	15.37	15.09	14.90	14.97
		1852.5 (18625)	15.40	15.10	14.90	14.98
	1RB-Low (0)	1907.5 (19175)	15.22	15.20	15.00	15.08
		1880 (18900)	15.24	15.17	14.97	15.05
		1852.5 (18625)	15.34	15.17	14.97	15.05
	12RB-High (13)	1907.5 (19175)	15.36	14.88	14.68	14.76
		1880 (18900)	15.33	14.80	14.62	14.69
		1852.5 (18625)	15.43	14.89	14.69	14.77
	12RB-Middle (6)	1907.5 (19175)	15.43	14.87	14.67	14.75
		1880 (18900)	15.44	14.89	14.69	14.77
		1852.5 (18625)	15.46	14.95	14.75	14.83
	12RB-Low (0)	1907.5 (19175)	15.34	14.88	14.68	14.76
		1880 (18900)	15.30	14.73	14.54	14.62
		1852.5 (18625)	15.44	14.94	14.74	14.82
	25RB (0)	1907.5 (19175)	15.35	14.78	14.59	14.66
		1880 (18900)	15.35	14.86	14.66	14.75
		1852.5 (18625)	15.38	14.82	14.63	14.71
10MHz	1RB-High (49)	1905 (19150)	15.31	15.09	14.90	14.97
		1880 (18900)	15.24	15.20	15.09	15.17
		1855 (18650)	15.34	15.10	14.90	14.98
	1RB-Middle (24)	1905 (19150)	15.22	15.21	15.01	15.09
		1880 (18900)	15.21	15.08	14.89	14.96
		1855 (18650)	15.36	15.11	14.91	14.99
	1RB-Low (0)	1905 (19150)	15.17	15.10	15.08	15.16
		1880 (18900)	15.31	15.08	14.88	14.96
		1855 (18650)	15.24	15.22	15.02	15.10
	25RB-High (25)	1905 (19150)	15.33	14.80	14.62	14.69
		1880 (18900)	15.38	14.84	14.64	14.73
		1855 (18650)	15.39	14.90	14.71	14.79
	25RB-Middle (12)	1905 (19150)	15.34	14.83	14.64	14.72
		1880 (18900)	15.32	14.67	14.48	14.55
		1855 (18650)	15.45	14.89	14.69	14.77
	25RB-Low (0)	1905 (19150)	15.20	14.69	14.51	14.58
		1880 (18900)	15.33	14.77	14.58	14.65
		1855 (18650)	15.34	14.78	14.59	14.66
	50RB (0)	1905 (19150)	15.30	14.78	14.59	14.66
		1880 (18900)	15.36	14.79	14.61	14.68
		1855 (18650)	15.39	14.82	14.63	14.71

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15MHz	1RB-High (74)	1902.5 (19125)	14.92	14.74	14.55	14.63
		1880 (18900)	15.07	14.66	14.47	14.55
		1857.5 (18675)	15.01	15.06	14.86	14.94
	1RB-Middle (37)	1902.5 (19125)	15.18	14.93	14.73	14.81
		1880 (18900)	15.16	14.80	14.62	14.69
		1857.5 (18675)	15.28	15.12	15.10	15.18
	1RB-Low (0)	1902.5 (19125)	14.94	14.73	14.54	14.62
		1880 (18900)	15.05	14.91	14.72	14.80
		1857.5 (18675)	15.26	14.81	14.63	14.70
	36RB-High (38)	1902.5 (19125)	15.22	14.69	14.51	14.58
		1880 (18900)	15.31	14.79	14.60	14.67
		1857.5 (18675)	15.30	14.79	14.61	14.68
	36RB-Middle (19)	1902.5 (19125)	15.20	14.68	14.49	14.56
		1880 (18900)	15.18	14.60	14.42	14.49
		1857.5 (18675)	15.35	14.78	14.59	14.66
	36RB-Low (0)	1902.5 (19125)	15.18	14.70	14.52	14.59
		1880 (18900)	15.22	14.71	14.53	14.60
		1857.5 (18675)	15.33	14.79	14.60	14.67
	75RB (0)	1902.5 (19125)	15.18	14.74	14.55	14.63
		1880 (18900)	15.29	14.76	14.57	14.65
		1857.5 (18675)	15.27	14.77	14.58	14.65
20MHz	1RB-High (99)	1900 (19100)	14.98	14.63	14.45	14.52
		1880 (18900)	15.12	14.81	14.63	14.70
		1860 (18700)	15.12	14.87	14.67	14.75
	1RB-Middle (50)	1900 (19100)	15.18	15.10	14.90	14.98
		1880 (18900)	15.23	14.68	14.49	14.56
		1860 (18700)	15.19	14.92	14.72	14.80
	1RB-Low (0)	1900 (19100)	15.16	14.79	14.61	14.68
		1880 (18900)	15.15	15.23	15.03	15.11
		1860 (18700)	15.13	15.09	14.90	14.97
	50RB-High (50)	1900 (19100)	15.23	14.73	14.54	14.62
		1880 (18900)	15.34	14.75	14.56	14.64
		1860 (18700)	15.35	14.76	14.57	14.65
	50RB-Middle (25)	1900 (19100)	15.21	14.71	14.53	14.60
		1880 (18900)	15.33	14.74	14.55	14.63
		1860 (18700)	15.30	14.79	14.60	14.67
	50RB-Low (0)	1900 (19100)	15.19	14.72	14.54	14.61
		1880 (18900)	15.25	14.69	14.51	14.58
		1860 (18700)	15.28	14.74	14.55	14.63
	100RB (0)	1900 (19100)	15.22	14.80	14.62	14.69
		1880 (18900)	15.28	14.78	14.59	14.66
		1860 (18700)	15.30	14.78	14.59	14.66

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LTE Band2(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	21.07	21.64	21.36	18.69
		1880 (18900)	21.30	22.05	21.77	19.05
		1850.7 (18607)	21.34	21.76	21.48	18.80
	1RB-Middle (3)	1909.3 (19193)	21.09	21.95	21.67	18.96
		1880 (18900)	21.38	21.95	21.67	18.96
		1850.7 (18607)	21.49	22.02	21.74	19.02
	1RB-Low (0)	1909.3 (19193)	21.13	21.86	21.58	18.88
		1880 (18900)	21.32	21.69	21.41	18.74
		1850.7 (18607)	21.22	21.66	21.38	18.71
	3RB-High (3)	1909.3 (19193)	21.12	21.43	20.60	18.51
		1880 (18900)	21.53	21.61	20.78	18.67
		1850.7 (18607)	21.38	21.50	20.67	18.57
	3RB-Middle (1)	1909.3 (19193)	21.39	21.56	20.73	18.62
		1880 (18900)	21.36	21.39	20.56	18.48
		1850.7 (18607)	21.39	21.62	20.79	18.67
	3RB-Low (0)	1909.3 (19193)	21.40	21.63	20.79	18.68
		1880 (18900)	21.42	21.52	20.69	18.59
		1850.7 (18607)	21.46	21.62	20.79	18.67
	6RB (0)	1909.3 (19193)	21.38	21.42	20.59	18.50
		1880 (18900)	21.34	21.44	20.61	18.52
		1850.7 (18607)	21.41	21.43	20.60	18.51
3MHz	1RB-High (14)	1908.5 (19185)	21.46	21.58	21.30	18.64
		1880 (18900)	21.27	21.76	21.48	18.80
		1851.5 (18615)	21.38	21.65	21.37	18.70
	1RB-Middle (7)	1908.5 (19185)	21.40	21.62	21.34	18.67
		1880 (18900)	21.39	21.67	21.39	18.72
		1851.5 (18615)	21.38	21.70	21.42	18.74
	1RB-Low (0)	1908.5 (19185)	21.30	21.81	21.53	18.84
		1880 (18900)	21.13	21.60	21.32	18.66
		1851.5 (18615)	21.31	21.52	21.24	18.59
	8RB-High (7)	1908.5 (19185)	21.46	21.55	20.72	18.61
		1880 (18900)	21.40	21.49	20.66	18.56
		1851.5 (18615)	21.41	21.51	20.68	18.58
	8RB-Middle (4)	1908.5 (19185)	21.42	21.53	20.70	18.60
		1880 (18900)	21.43	21.49	20.66	18.56
		1851.5 (18615)	21.45	21.50	20.67	18.57
	8RB-Low (0)	1908.5 (19185)	21.43	21.50	20.67	18.57
		1880 (18900)	21.40	21.44	20.61	18.52
		1851.5 (18615)	21.40	21.47	20.64	18.55
	15RB (0)	1908.5 (19185)	21.45	21.46	20.63	18.54
		1880 (18900)	21.34	21.36	20.54	18.45
		1851.5 (18615)	21.38	21.46	20.63	18.54

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5MHz	1RB-High (24)	1907.5 (19175)	21.34	21.86	21.58	18.88
		1880 (18900)	21.33	21.76	21.48	18.80
		1852.5 (18625)	21.30	21.66	21.38	18.71
	1RB-Middle (12)	1907.5 (19175)	21.35	21.82	21.54	18.85
		1880 (18900)	21.61	22.17	21.88	19.15
		1852.5 (18625)	21.43	21.60	21.32	18.66
	1RB-Low (0)	1907.5 (19175)	21.29	21.77	21.49	18.80
		1880 (18900)	21.23	21.66	21.38	18.71
		1852.5 (18625)	21.33	21.74	21.46	18.78
	12RB-High (13)	1907.5 (19175)	21.44	21.44	20.61	18.52
		1880 (18900)	21.45	21.49	20.66	18.56
		1852.5 (18625)	21.31	21.42	20.59	18.50
	12RB-Middle (6)	1907.5 (19175)	21.50	21.53	20.70	18.60
		1880 (18900)	21.36	21.42	20.59	18.50
		1852.5 (18625)	21.41	21.55	20.72	18.61
	12RB-Low (0)	1907.5 (19175)	21.41	21.51	20.68	18.58
		1880 (18900)	21.30	21.45	20.62	18.53
		1852.5 (18625)	21.45	21.59	20.76	18.65
	25RB (0)	1907.5 (19175)	21.47	21.45	20.62	18.53
		1880 (18900)	21.36	21.36	20.54	18.45
		1852.5 (18625)	21.44	21.44	20.61	18.52
10MHz	1RB-High (49)	1905 (19150)	21.38	21.84	21.56	18.87
		1880 (18900)	21.37	21.97	21.69	18.98
		1855 (18650)	21.39	21.86	21.58	18.88
	1RB-Middle (24)	1905 (19150)	21.40	21.97	21.69	18.98
		1880 (18900)	21.32	21.86	21.58	18.88
		1855 (18650)	21.33	21.73	21.45	18.77
	1RB-Low (0)	1905 (19150)	21.49	21.73	21.45	18.77
		1880 (18900)	21.40	21.77	21.49	18.80
		1855 (18650)	21.49	21.88	21.60	18.90
	25RB-High (25)	1905 (19150)	21.46	21.44	20.61	18.52
		1880 (18900)	21.44	21.44	20.61	18.52
		1855 (18650)	21.48	21.46	20.63	18.54
	25RB-Middle (12)	1905 (19150)	21.44	21.51	20.68	18.58
		1880 (18900)	21.42	21.44	20.61	18.52
		1855 (18650)	21.48	21.45	20.62	18.53
	25RB-Low (0)	1905 (19150)	21.41	21.36	20.54	18.45
		1880 (18900)	21.36	21.37	20.55	18.46
		1855 (18650)	21.37	21.47	20.64	18.55
	50RB (0)	1905 (19150)	21.41	21.33	20.51	18.42
		1880 (18900)	21.41	21.42	20.59	18.50
		1855 (18650)	21.45	21.47	20.64	18.55

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15MHz	1RB-High (74)	1902.5 (19125)	21.31	21.40	21.12	18.48
		1880 (18900)	21.12	21.48	21.20	18.55
		1857.5 (18675)	21.29	21.39	21.11	18.48
	1RB-Middle (37)	1902.5 (19125)	21.13	21.64	21.36	18.69
		1880 (18900)	21.16	21.39	21.11	18.48
		1857.5 (18675)	21.26	22.08	21.80	19.07
	1RB-Low (0)	1902.5 (19125)	21.07	21.43	21.15	18.51
		1880 (18900)	21.22	21.55	21.27	18.61
		1857.5 (18675)	21.15	21.47	21.19	18.55
	36RB-High (38)	1902.5 (19125)	21.36	21.35	20.53	18.44
		1880 (18900)	21.25	21.22	20.40	18.33
		1857.5 (18675)	21.25	21.31	20.49	18.41
	36RB-Middle (19)	1902.5 (19125)	21.26	21.19	20.37	18.30
		1880 (18900)	21.14	21.27	20.45	18.37
		1857.5 (18675)	21.26	21.26	20.44	18.36
	36RB-Low (0)	1902.5 (19125)	21.23	21.24	20.42	18.35
		1880 (18900)	21.25	21.26	20.44	18.36
		1857.5 (18675)	21.26	21.26	20.44	18.36
	75RB (0)	1902.5 (19125)	21.33	21.16	20.34	18.28
		1880 (18900)	21.29	21.17	20.35	18.29
		1857.5 (18675)	21.23	21.32	20.50	18.42
20MHz	1RB-High (99)	1900 (19100)	21.61	21.98	21.70	18.98
		1880 (18900)	21.66	21.84	21.56	18.86
		1860 (18700)	21.45	21.80	21.52	18.83
	1RB-Middle (50)	1900 (19100)	21.52	22.11	21.83	19.10
		1880 (18900)	21.53	21.95	21.67	18.96
		1860 (18700)	21.22	21.85	21.57	18.87
	1RB-Low (0)	1900 (19100)	21.62	21.92	21.63	18.93
		1880 (18900)	21.44	21.73	21.45	18.77
		1860 (18700)	21.11	21.57	21.29	18.63
	50RB-High (50)	1900 (19100)	21.62	21.72	20.88	18.76
		1880 (18900)	21.76	21.67	20.84	18.72
		1860 (18700)	21.44	21.55	20.71	18.61
	50RB-Middle (25)	1900 (19100)	21.67	21.69	20.86	18.74
		1880 (18900)	21.59	21.61	20.78	18.67
		1860 (18700)	21.38	21.41	20.59	18.50
	50RB-Low (0)	1900 (19100)	21.64	21.69	20.85	18.73
		1880 (18900)	21.48	21.50	20.67	18.57
		1860 (18700)	21.23	21.24	20.42	18.35
	100RB (0)	1900 (19100)	21.69	21.69	20.85	18.74
		1880 (18900)	21.56	21.54	20.71	18.61
		1860 (18700)	21.36	21.40	20.58	18.49

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LTE Band2(ANT4 DSI 2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	23.92	23.19	22.03	18.85
		1880 (18900)	23.69	23.23	22.07	18.88
		1850.7 (18607)	23.74	23.44	22.26	19.05
	1RB-Middle (3)	1909.3 (19193)	23.76	23.40	22.23	19.02
		1880 (18900)	23.76	23.14	21.98	18.81
		1850.7 (18607)	23.83	23.29	22.12	18.93
	1RB-Low (0)	1909.3 (19193)	23.89	23.25	22.08	18.90
		1880 (18900)	23.82	23.29	22.12	18.93
		1850.7 (18607)	23.94	23.38	22.21	19.01
	3RB-High (3)	1909.3 (19193)	23.86	22.96	21.82	19.69
		1880 (18900)	23.82	22.99	21.85	19.72
		1850.7 (18607)	23.92	22.99	21.85	19.72
	3RB-Middle (1)	1909.3 (19193)	23.80	23.02	21.88	19.74
		1880 (18900)	24.00	23.18	22.03	19.70
		1850.7 (18607)	23.84	23.08	21.94	19.79
	3RB-Low (0)	1909.3 (19193)	23.83	23.13	21.98	19.68
		1880 (18900)	23.90	22.95	21.81	19.68
		1850.7 (18607)	23.87	23.03	21.89	19.75
	6RB (0)	1909.3 (19193)	22.85	21.98	20.89	18.85
		1880 (18900)	22.87	21.84	20.76	18.73
		1850.7 (18607)	22.80	21.86	20.78	18.75
3MHz	1RB-High (14)	1908.5 (19185)	23.75	22.94	21.79	18.65
		1880 (18900)	23.67	23.06	21.90	18.74
		1851.5 (18615)	23.68	23.10	21.94	18.78
	1RB-Middle (7)	1908.5 (19185)	23.85	23.16	22.00	18.83
		1880 (18900)	23.80	23.29	22.12	18.93
		1851.5 (18615)	23.76	23.33	22.16	18.96
	1RB-Low (0)	1908.5 (19185)	23.64	23.08	21.92	18.76
		1880 (18900)	23.85	22.96	21.81	18.66
		1851.5 (18615)	23.72	22.95	21.80	18.66
	8RB-High (7)	1908.5 (19185)	22.90	21.95	20.86	18.82
		1880 (18900)	22.86	21.97	20.88	18.84
		1851.5 (18615)	22.90	21.91	20.82	18.79
	8RB-Middle (4)	1908.5 (19185)	22.89	21.94	20.85	18.82
		1880 (18900)	22.94	21.99	20.90	18.86
		1851.5 (18615)	22.86	22.01	20.92	18.88
	8RB-Low (0)	1908.5 (19185)	22.90	21.92	20.83	18.80
		1880 (18900)	22.80	21.81	20.73	18.70
		1851.5 (18615)	22.82	21.95	20.86	18.82
	15RB (0)	1908.5 (19185)	22.85	21.91	20.82	18.79
		1880 (18900)	22.73	21.88	20.80	18.76
		1851.5 (18615)	22.79	21.84	20.76	18.73

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5MHz	1RB-High (24)	1907.5 (19175)	23.67	23.13	21.97	18.80
		1880 (18900)	23.69	23.13	21.97	18.80
		1852.5 (18625)	23.69	23.01	21.86	18.70
	1RB-Middle (12)	1907.5 (19175)	23.92	23.11	21.95	18.79
		1880 (18900)	23.91	23.21	22.05	18.87
		1852.5 (18625)	23.86	23.14	21.98	18.81
	1RB-Low (0)	1907.5 (19175)	23.79	23.00	21.85	18.70
		1880 (18900)	23.65	23.00	21.85	18.70
		1852.5 (18625)	23.70	23.02	21.87	18.71
	12RB-High (13)	1907.5 (19175)	22.81	21.94	20.85	18.82
		1880 (18900)	22.88	21.88	20.80	18.76
		1852.5 (18625)	22.87	21.85	20.77	18.74
	12RB-Middle (6)	1907.5 (19175)	22.87	21.93	20.84	18.81
		1880 (18900)	22.82	21.89	20.81	18.77
		1852.5 (18625)	22.90	21.93	20.84	18.81
	12RB-Low (0)	1907.5 (19175)	22.88	21.95	20.86	18.82
		1880 (18900)	22.75	21.85	20.77	18.74
		1852.5 (18625)	22.81	21.94	20.85	18.82
	25RB (0)	1907.5 (19175)	22.90	21.82	20.74	18.71
		1880 (18900)	22.80	21.83	20.75	18.72
		1852.5 (18625)	22.79	21.89	20.81	18.77
10MHz	1RB-High (49)	1905 (19150)	23.82	23.38	22.21	19.01
		1880 (18900)	23.77	23.41	22.24	19.03
		1855 (18650)	23.85	23.39	22.22	19.01
	1RB-Middle (24)	1905 (19150)	23.82	23.30	22.13	18.94
		1880 (18900)	23.83	23.21	22.05	18.87
		1855 (18650)	23.81	23.15	21.99	18.82
	1RB-Low (0)	1905 (19150)	23.86	23.31	22.14	18.95
		1880 (18900)	23.76	23.25	22.08	18.90
		1855 (18650)	23.68	23.54	22.36	19.14
	25RB-High (25)	1905 (19150)	22.98	21.94	20.85	18.82
		1880 (18900)	22.98	22.02	20.93	18.88
		1855 (18650)	22.93	21.96	20.87	18.83
	25RB-Middle (12)	1905 (19150)	22.93	21.95	20.86	18.82
		1880 (18900)	22.84	21.92	20.83	18.80
		1855 (18650)	22.98	21.94	20.85	18.82
	25RB-Low (0)	1905 (19150)	22.86	21.74	20.66	18.64
		1880 (18900)	22.87	21.96	20.87	18.83
		1855 (18650)	22.80	21.92	20.83	18.80
	50RB (0)	1905 (19150)	22.92	21.88	20.80	18.76
		1880 (18900)	22.88	21.87	20.79	18.76
		1855 (18650)	22.90	21.87	20.79	18.76

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15MHz	1RB-High (74)	1902.5 (19125)	23.63	22.85	21.70	18.57
		1880 (18900)	23.61	22.76	21.62	18.50
		1857.5 (18675)	23.85	23.26	22.09	18.91
	1RB-Middle (37)	1902.5 (19125)	23.61	22.88	21.73	18.60
		1880 (18900)	23.68	22.93	21.78	18.64
		1857.5 (18675)	23.62	22.86	21.71	18.58
	1RB-Low (0)	1902.5 (19125)	23.70	23.03	21.88	18.72
		1880 (18900)	23.61	23.11	21.95	18.79
		1857.5 (18675)	23.59	23.16	22.00	18.83
	36RB-High (38)	1902.5 (19125)	22.80	21.87	20.79	18.76
		1880 (18900)	22.77	21.86	20.78	18.75
		1857.5 (18675)	22.78	21.80	20.72	18.70
	36RB-Middle (19)	1902.5 (19125)	22.76	21.72	20.64	18.63
		1880 (18900)	22.71	21.78	20.70	18.68
		1857.5 (18675)	22.83	21.81	20.73	18.70
	36RB-Low (0)	1902.5 (19125)	22.67	21.71	20.63	18.62
		1880 (18900)	22.80	21.75	20.67	18.65
		1857.5 (18675)	22.81	21.75	20.67	18.65
	75RB (0)	1902.5 (19125)	22.69	21.72	20.64	18.63
		1880 (18900)	22.70	21.80	20.72	18.70
		1857.5 (18675)	22.80	21.88	20.80	18.76
20MHz	1RB-High (99)	1900 (19100)	23.66	23.05	21.89	18.74
		1880 (18900)	23.64	23.22	22.06	18.88
		1860 (18700)	23.61	22.65	21.51	18.41
	1RB-Middle (50)	1900 (19100)	23.75	22.95	21.80	18.66
		1880 (18900)	23.76	22.99	21.84	18.69
		1860 (18700)	23.64	22.97	21.82	18.67
	1RB-Low (0)	1900 (19100)	23.62	22.90	21.75	18.61
		1880 (18900)	23.74	23.14	21.98	18.81
		1860 (18700)	23.59	23.14	21.98	18.81
	50RB-High (50)	1900 (19100)	22.83	21.84	20.76	18.73
		1880 (18900)	22.85	21.89	20.81	18.77
		1860 (18700)	22.82	21.86	20.78	18.75
	50RB-Middle (25)	1900 (19100)	22.82	21.90	20.81	18.78
		1880 (18900)	22.82	21.76	20.68	18.66
		1860 (18700)	22.81	21.82	20.74	18.71
	50RB-Low (0)	1900 (19100)	22.81	21.85	20.77	18.74
		1880 (18900)	22.76	21.79	20.71	18.69
		1860 (18700)	22.73	21.68	20.61	18.59
	100RB (0)	1900 (19100)	22.83	21.86	20.78	18.75
		1880 (18900)	22.84	21.81	20.73	18.70
		1860 (18700)	22.78	21.89	20.81	18.77

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LTE Band2(ANT4 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	13.51	14.03	13.74	14.01
		1880 (18900)	13.38	13.79	13.51	13.77
		1850.7 (18607)	13.36	13.85	13.56	13.83
	1RB-Middle (3)	1909.3 (19193)	13.42	14.00	13.71	13.98
		1880 (18900)	13.52	14.03	13.74	14.01
		1850.7 (18607)	13.54	13.92	13.63	13.90
	1RB-Low (0)	1909.3 (19193)	13.37	14.02	13.73	14.00
		1880 (18900)	13.39	13.88	13.59	13.86
		1850.7 (18607)	13.30	13.88	13.59	13.86
	3RB-High (3)	1909.3 (19193)	13.46	13.56	13.28	13.54
		1880 (18900)	13.48	13.79	13.51	13.77
		1850.7 (18607)	13.45	13.51	13.23	13.49
	3RB-Middle (1)	1909.3 (19193)	13.57	13.69	13.41	13.67
		1880 (18900)	13.40	13.83	13.55	13.81
		1850.7 (18607)	13.43	13.70	13.42	13.68
	3RB-Low (0)	1909.3 (19193)	13.40	13.73	13.45	13.71
		1880 (18900)	13.48	13.55	13.27	13.53
		1850.7 (18607)	13.45	13.57	13.29	13.55
	6RB (0)	1909.3 (19193)	13.44	13.66	13.38	13.64
		1880 (18900)	13.48	13.56	13.28	13.54
		1850.7 (18607)	13.36	13.49	13.21	13.47
3MHz	1RB-High (14)	1908.5 (19185)	13.40	13.69	13.41	13.67
		1880 (18900)	13.42	13.79	13.51	13.77
		1851.5 (18615)	13.37	13.80	13.52	13.78
	1RB-Middle (7)	1908.5 (19185)	13.53	13.89	13.60	13.87
		1880 (18900)	13.61	13.77	13.49	13.75
		1851.5 (18615)	13.42	13.82	13.54	13.80
	1RB-Low (0)	1908.5 (19185)	13.44	13.88	13.59	13.86
		1880 (18900)	13.41	13.82	13.54	13.80
		1851.5 (18615)	13.40	13.95	13.66	13.93
	8RB-High (7)	1908.5 (19185)	13.51	13.66	13.38	13.64
		1880 (18900)	13.52	13.63	13.35	13.61
		1851.5 (18615)	13.46	13.61	13.33	13.59
	8RB-Middle (4)	1908.5 (19185)	13.60	13.61	13.33	13.59
		1880 (18900)	13.53	13.63	13.35	13.61
		1851.5 (18615)	13.55	13.57	13.29	13.55
	8RB-Low (0)	1908.5 (19185)	13.51	13.62	13.34	13.60
		1880 (18900)	13.44	13.50	13.22	13.48
		1851.5 (18615)	13.48	13.49	13.21	13.47
	15RB (0)	1908.5 (19185)	13.52	13.54	13.26	13.52
		1880 (18900)	13.39	13.49	13.21	13.47
		1851.5 (18615)	13.52	13.47	13.19	13.45

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5MHz	1RB-High (24)	1907.5 (19175)	13.45	13.79	13.51	13.77
		1880 (18900)	13.45	13.95	13.66	13.93
		1852.5 (18625)	13.36	13.66	13.38	13.64
	1RB-Middle (12)	1907.5 (19175)	13.53	13.94	13.65	13.92
		1880 (18900)	13.45	13.94	13.65	13.92
		1852.5 (18625)	13.54	13.91	13.62	13.89
	1RB-Low (0)	1907.5 (19175)	13.36	13.89	13.60	13.87
		1880 (18900)	13.38	13.79	13.51	13.77
		1852.5 (18625)	13.36	13.77	13.49	13.75
	12RB-High (13)	1907.5 (19175)	13.50	13.60	13.32	13.58
		1880 (18900)	13.45	13.61	13.33	13.59
		1852.5 (18625)	13.45	13.44	13.16	13.42
	12RB-Middle (6)	1907.5 (19175)	13.57	13.66	13.38	13.64
		1880 (18900)	13.45	13.61	13.33	13.59
		1852.5 (18625)	13.48	13.58	13.30	13.56
	12RB-Low (0)	1907.5 (19175)	13.49	13.58	13.30	13.56
		1880 (18900)	13.46	13.43	13.15	13.41
		1852.5 (18625)	13.52	13.49	13.21	13.47
	25RB (0)	1907.5 (19175)	13.50	13.55	13.27	13.53
		1880 (18900)	13.37	13.43	13.15	13.41
		1852.5 (18625)	13.47	13.46	13.18	13.44
10MHz	1RB-High (49)	1905 (19150)	13.49	13.86	13.57	13.84
		1880 (18900)	13.35	13.85	13.56	13.83
		1855 (18650)	13.43	13.76	13.48	13.74
	1RB-Middle (24)	1905 (19150)	13.44	14.00	13.71	13.98
		1880 (18900)	13.53	13.74	13.46	13.72
		1855 (18650)	13.48	13.75	13.47	13.73
	1RB-Low (0)	1905 (19150)	13.45	13.84	13.56	13.82
		1880 (18900)	13.44	13.73	13.45	13.71
		1855 (18650)	13.33	13.80	13.52	13.78
	25RB-High (25)	1905 (19150)	13.60	13.55	13.27	13.53
		1880 (18900)	13.50	13.63	13.35	13.61
		1855 (18650)	13.52	13.52	13.24	13.50
	25RB-Middle (12)	1905 (19150)	13.46	13.56	13.28	13.54
		1880 (18900)	13.47	13.57	13.29	13.55
		1855 (18650)	13.55	13.52	13.24	13.50
	25RB-Low (0)	1905 (19150)	13.44	13.49	13.21	13.47
		1880 (18900)	13.44	13.50	13.22	13.48
		1855 (18650)	13.40	13.43	13.15	13.41
	50RB (0)	1905 (19150)	13.51	13.46	13.18	13.44
		1880 (18900)	13.44	13.52	13.24	13.50
		1855 (18650)	13.53	13.50	13.22	13.48

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15MHz	1RB-High (74)	1902.5 (19125)	13.29	13.65	13.37	13.63
		1880 (18900)	13.23	13.38	13.10	13.36
		1857.5 (18675)	13.30	13.67	13.39	13.65
	1RB-Middle (37)	1902.5 (19125)	13.20	13.60	13.32	13.58
		1880 (18900)	13.37	13.46	13.18	13.44
		1857.5 (18675)	13.22	13.71	13.43	13.69
	1RB-Low (0)	1902.5 (19125)	13.26	13.70	13.42	13.68
		1880 (18900)	13.28	13.65	13.37	13.63
		1857.5 (18675)	13.39	13.60	13.32	13.58
	36RB-High (38)	1902.5 (19125)	13.50	13.49	13.21	13.47
		1880 (18900)	13.41	13.42	13.14	13.40
		1857.5 (18675)	13.45	13.35	13.08	13.33
	36RB-Middle (19)	1902.5 (19125)	13.49	13.41	13.13	13.39
		1880 (18900)	13.30	13.32	13.05	13.30
		1857.5 (18675)	13.49	13.43	13.15	13.41
	36RB-Low (0)	1902.5 (19125)	13.43	13.40	13.12	13.38
		1880 (18900)	13.40	13.40	13.12	13.38
		1857.5 (18675)	13.38	13.34	13.07	13.32
	75RB (0)	1902.5 (19125)	13.37	13.48	13.20	13.46
		1880 (18900)	13.31	13.34	13.07	13.32
		1857.5 (18675)	13.44	13.41	13.13	13.39
20MHz	1RB-High (99)	1900 (19100)	13.56	13.96	13.67	13.93
		1880 (18900)	13.50	13.94	13.65	13.92
		1860 (18700)	13.51	13.87	13.59	13.85
	1RB-Middle (50)	1900 (19100)	13.61	14.07	13.78	14.05
		1880 (18900)	13.46	13.81	13.53	13.79
		1860 (18700)	13.32	13.71	13.42	13.69
	1RB-Low (0)	1900 (19100)	13.52	13.87	13.59	13.85
		1880 (18900)	13.34	13.70	13.42	13.68
		1860 (18700)	13.15	13.55	13.27	13.53
	50RB-High (50)	1900 (19100)	13.70	13.75	13.47	13.73
		1880 (18900)	13.68	13.71	13.43	13.69
		1860 (18700)	13.46	13.52	13.24	13.50
	50RB-Middle (25)	1900 (19100)	13.74	13.80	13.51	13.78
		1880 (18900)	13.61	13.67	13.39	13.65
		1860 (18700)	13.40	13.45	13.17	13.43
	50RB-Low (0)	1900 (19100)	13.61	13.69	13.41	13.67
		1880 (18900)	13.54	13.60	13.32	13.58
		1860 (18700)	13.24	13.31	13.03	13.29
	100RB (0)	1900 (19100)	13.76	13.77	13.49	13.75
		1880 (18900)	13.54	13.61	13.33	13.59
		1860 (18700)	13.38	13.46	13.18	13.44

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LTE Band2(ANT4 DSI 12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	22.61	22.82	22.02	18.87
		1880 (18900)	22.58	22.77	22.06	18.90
		1850.7 (18607)	22.38	22.94	22.25	19.07
	1RB-Middle (3)	1909.3 (19193)	22.61	22.67	22.22	19.04
		1880 (18900)	22.36	22.72	21.97	18.83
		1850.7 (18607)	22.57	22.86	22.11	18.95
	1RB-Low (0)	1909.3 (19193)	22.53	22.81	22.07	18.92
		1880 (18900)	22.37	22.73	22.11	18.95
		1850.7 (18607)	22.54	22.89	22.20	19.03
	3RB-High (3)	1909.3 (19193)	22.52	22.60	21.81	19.71
		1880 (18900)	22.43	22.64	21.84	19.74
		1850.7 (18607)	22.37	22.73	21.84	19.74
	3RB-Middle (1)	1909.3 (19193)	22.52	22.63	21.87	19.76
		1880 (18900)	22.48	22.76	22.02	19.72
		1850.7 (18607)	22.46	22.56	21.93	19.62
	3RB-Low (0)	1909.3 (19193)	22.40	22.62	21.97	19.70
		1880 (18900)	22.54	22.58	21.80	19.70
		1850.7 (18607)	22.44	22.55	21.88	19.77
	6RB (0)	1909.3 (19193)	22.50	21.61	20.88	18.87
		1880 (18900)	22.44	21.58	20.75	18.75
		1850.7 (18607)	22.53	21.65	20.77	18.77
3MHz	1RB-High (14)	1908.5 (19185)	22.35	22.71	21.78	18.67
		1880 (18900)	22.44	22.63	21.89	18.76
		1851.5 (18615)	22.43	22.69	21.93	18.80
	1RB-Middle (7)	1908.5 (19185)	22.55	22.80	21.99	18.85
		1880 (18900)	22.46	22.96	22.11	18.95
		1851.5 (18615)	22.58	22.88	22.15	18.98
	1RB-Low (0)	1908.5 (19185)	22.36	22.95	21.91	18.78
		1880 (18900)	22.30	22.63	21.80	18.68
		1851.5 (18615)	22.37	22.72	21.79	18.68
	8RB-High (7)	1908.5 (19185)	22.59	21.80	20.85	18.84
		1880 (18900)	22.53	21.80	20.87	18.86
		1851.5 (18615)	22.52	21.73	20.81	18.81
	8RB-Middle (4)	1908.5 (19185)	22.56	21.91	20.84	18.84
		1880 (18900)	22.55	21.80	20.89	18.88
		1851.5 (18615)	22.56	21.69	20.91	18.90
	8RB-Low (0)	1908.5 (19185)	22.52	21.77	20.82	18.82
		1880 (18900)	22.46	21.60	20.72	18.72
		1851.5 (18615)	22.51	21.72	20.85	18.84
	15RB (0)	1908.5 (19185)	22.55	21.68	20.81	18.81
		1880 (18900)	22.45	21.50	20.79	18.78
		1851.5 (18615)	22.56	21.66	20.75	18.75

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5MHz	1RB-High (24)	1907.5 (19175)	22.51	22.63	21.96	18.82
		1880 (18900)	22.43	22.86	21.96	18.82
		1852.5 (18625)	22.51	22.84	21.85	18.72
	1RB-Middle (12)	1907.5 (19175)	22.63	22.95	21.94	18.81
		1880 (18900)	22.50	22.65	22.04	18.89
		1852.5 (18625)	22.55	22.89	21.97	18.83
	1RB-Low (0)	1907.5 (19175)	22.50	22.83	21.84	18.72
		1880 (18900)	22.47	22.62	21.84	18.72
		1852.5 (18625)	22.35	22.67	21.86	18.73
	12RB-High (13)	1907.5 (19175)	22.53	21.68	20.84	18.84
		1880 (18900)	22.56	21.69	20.79	18.78
		1852.5 (18625)	22.55	21.61	20.76	18.76
	12RB-Middle (6)	1907.5 (19175)	22.58	21.65	20.83	18.83
		1880 (18900)	22.48	21.64	20.80	18.79
		1852.5 (18625)	22.59	21.83	20.83	18.83
	12RB-Low (0)	1907.5 (19175)	22.52	21.72	20.85	18.84
		1880 (18900)	22.34	21.54	20.76	18.76
		1852.5 (18625)	22.52	21.64	20.84	18.84
	25RB (0)	1907.5 (19175)	22.51	21.66	20.73	18.73
		1880 (18900)	22.44	21.54	20.74	18.74
		1852.5 (18625)	22.53	21.71	20.80	18.79
10MHz	1RB-High (49)	1905 (19150)	22.51	22.87	22.20	19.03
		1880 (18900)	22.41	22.72	22.23	19.05
		1855 (18650)	22.38	22.94	22.21	19.03
	1RB-Middle (24)	1905 (19150)	22.48	22.66	22.12	18.96
		1880 (18900)	22.51	22.78	22.04	18.89
		1855 (18650)	22.61	22.67	21.98	18.84
	1RB-Low (0)	1905 (19150)	22.49	23.04	22.13	18.97
		1880 (18900)	22.38	22.97	22.07	18.92
		1855 (18650)	22.46	23.03	22.35	19.16
	25RB-High (25)	1905 (19150)	22.60	21.67	20.84	18.84
		1880 (18900)	22.54	21.67	20.92	18.90
		1855 (18650)	22.51	21.60	20.86	18.85
	25RB-Middle (12)	1905 (19150)	22.53	21.67	20.85	18.84
		1880 (18900)	22.49	21.56	20.82	18.82
		1855 (18650)	22.59	21.66	20.84	18.84
	25RB-Low (0)	1905 (19150)	22.51	21.61	20.65	18.66
		1880 (18900)	22.48	21.48	20.86	18.85
		1855 (18650)	22.61	21.51	20.82	18.82
	50RB (0)	1905 (19150)	22.56	21.52	20.79	18.78
		1880 (18900)	22.38	21.58	20.78	18.78
		1855 (18650)	22.55	21.65	20.78	18.78

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15MHz	1RB-High (74)	1902.5 (19125)	22.30	22.77	21.69	18.59
		1880 (18900)	22.30	22.50	21.61	18.52
		1857.5 (18675)	22.34	22.82	22.08	18.93
	1RB-Middle (37)	1902.5 (19125)	22.39	22.63	21.72	18.62
		1880 (18900)	22.43	22.69	21.77	18.66
		1857.5 (18675)	22.32	22.76	21.70	18.60
	1RB-Low (0)	1902.5 (19125)	22.25	22.68	21.87	18.74
		1880 (18900)	22.39	22.66	21.94	18.81
		1857.5 (18675)	22.43	22.54	21.99	18.85
	36RB-High (38)	1902.5 (19125)	22.44	21.59	20.78	18.78
		1880 (18900)	22.42	21.58	20.77	18.77
		1857.5 (18675)	22.46	21.55	20.71	18.72
	36RB-Middle (19)	1902.5 (19125)	22.33	21.53	20.63	18.65
		1880 (18900)	22.39	21.60	20.69	18.70
		1857.5 (18675)	22.45	21.59	20.72	18.72
	36RB-Low (0)	1902.5 (19125)	22.43	21.43	20.62	18.64
		1880 (18900)	22.44	21.43	20.66	18.67
		1857.5 (18675)	22.36	21.48	20.66	18.67
	75RB (0)	1902.5 (19125)	22.38	21.58	20.63	18.65
		1880 (18900)	22.42	21.49	20.71	18.72
		1857.5 (18675)	22.46	21.64	20.79	18.78
20MHz	1RB-High (99)	1900 (19100)	22.34	22.65	21.88	18.76
		1880 (18900)	22.27	22.52	22.05	18.90
		1860 (18700)	22.46	22.57	21.50	18.43
	1RB-Middle (50)	1900 (19100)	22.52	22.55	21.79	18.68
		1880 (18900)	22.67	23.21	21.83	18.71
		1860 (18700)	22.55	23.00	21.81	18.69
	1RB-Low (0)	1900 (19100)	22.41	22.60	21.74	18.63
		1880 (18900)	22.41	22.79	21.97	18.83
		1860 (18700)	22.27	22.96	21.97	18.83
	50RB-High (50)	1900 (19100)	22.46	21.67	20.75	18.75
		1880 (18900)	22.49	21.67	20.80	18.79
		1860 (18700)	22.44	21.58	20.77	18.77
	50RB-Middle (25)	1900 (19100)	22.54	21.64	20.80	18.80
		1880 (18900)	22.55	21.55	20.67	18.68
		1860 (18700)	22.51	21.72	20.73	18.73
	50RB-Low (0)	1900 (19100)	22.49	21.61	20.76	18.76
		1880 (18900)	22.44	21.58	20.70	18.71
		1860 (18700)	22.43	21.59	20.60	18.61
	100RB (0)	1900 (19100)	22.54	21.59	20.77	18.77
		1880 (18900)	22.56	21.49	20.72	18.72
		1860 (18700)	22.51	21.63	20.80	18.79

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LTE Band2(ANT5 DSI 1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	19.07	19.03	19.20	18.28
		1880 (18900)	19.30	18.93	19.31	18.23
		1850.7 (18607)	19.26	19.08	19.24	18.54
	1RB-Middle (3)	1909.3 (19193)	19.14	19.00	19.24	18.34
		1880 (18900)	19.35	18.97	19.14	18.41
		1850.7 (18607)	19.39	19.03	19.31	18.42
	1RB-Low (0)	1909.3 (19193)	19.14	18.96	19.31	18.22
		1880 (18900)	19.11	19.07	19.24	18.60
		1850.7 (18607)	19.10	18.90	19.17	18.53
	3RB-High (3)	1909.3 (19193)	19.12	18.86	19.29	18.49
		1880 (18900)	19.19	19.05	19.33	18.43
		1850.7 (18607)	19.37	18.86	19.24	18.41
	3RB-Middle (1)	1909.3 (19193)	19.14	19.05	19.14	18.39
		1880 (18900)	19.29	18.92	19.14	18.50
		1850.7 (18607)	19.47	19.08	19.15	18.40
	3RB-Low (0)	1909.3 (19193)	19.18	18.97	19.14	18.47
		1880 (18900)	19.29	18.82	19.26	18.34
		1850.7 (18607)	19.40	19.00	19.21	18.60
	6RB (0)	1909.3 (19193)	19.11	19.01	19.13	18.34
		1880 (18900)	19.40	19.08	19.25	18.34
		1850.7 (18607)	19.41	18.96	19.31	18.52
3MHz	1RB-High (14)	1908.5 (19185)	19.07	18.90	19.03	18.27
		1880 (18900)	18.92	19.00	19.36	18.24
		1851.5 (18615)	19.19	19.04	19.31	18.54
	1RB-Middle (7)	1908.5 (19185)	19.15	19.01	19.13	18.28
		1880 (18900)	19.37	19.04	19.17	18.45
		1851.5 (18615)	19.43	18.90	19.15	18.43
	1RB-Low (0)	1908.5 (19185)	19.04	19.00	19.14	18.48
		1880 (18900)	19.40	19.03	19.32	18.45
		1851.5 (18615)	19.28	19.08	19.25	18.30
	8RB-High (7)	1908.5 (19185)	19.26	18.93	19.22	18.46
		1880 (18900)	19.32	18.95	19.35	18.26
		1851.5 (18615)	19.39	19.04	19.31	18.45
	8RB-Middle (4)	1908.5 (19185)	19.30	19.01	19.24	18.47
		1880 (18900)	19.37	18.84	19.32	18.34
		1851.5 (18615)	19.40	18.88	19.24	18.34
	8RB-Low (0)	1908.5 (19185)	19.19	18.81	19.22	18.44
		1880 (18900)	19.32	19.08	19.26	18.60
		1851.5 (18615)	19.43	19.07	19.32	18.27
	15RB (0)	1908.5 (19185)	19.15	18.78	19.06	18.60
		1880 (18900)	19.26	19.00	19.20	18.37
		1851.5 (18615)	19.40	19.04	19.35	18.48

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5MHz	1RB-High (24)	1907.5 (19175)	19.29	18.89	19.02	18.47
		1880 (18900)	19.19	19.04	19.32	18.39
		1852.5 (18625)	19.46	18.84	19.15	18.58
	1RB-Middle (12)	1907.5 (19175)	19.40	18.95	19.15	18.28
		1880 (18900)	19.28	19.15	19.21	18.55
		1852.5 (18625)	19.32	18.90	19.25	18.59
	1RB-Low (0)	1907.5 (19175)	19.04	18.89	19.24	18.21
		1880 (18900)	19.00	18.95	19.29	18.24
		1852.5 (18625)	19.23	19.10	19.32	18.46
	12RB-High (13)	1907.5 (19175)	19.28	18.89	19.20	18.57
		1880 (18900)	19.32	19.01	19.24	18.40
		1852.5 (18625)	19.32	18.90	19.24	18.34
	12RB-Middle (6)	1907.5 (19175)	19.37	18.90	19.29	18.39
		1880 (18900)	19.32	19.01	19.32	18.33
		1852.5 (18625)	19.50	19.00	19.33	18.49
	12RB-Low (0)	1907.5 (19175)	19.32	18.90	19.17	18.38
		1880 (18900)	19.15	18.82	19.17	18.48
		1852.5 (18625)	19.40	18.96	19.32	18.52
	25RB (0)	1907.5 (19175)	19.28	18.78	19.15	18.30
		1880 (18900)	19.29	18.93	19.21	18.26
		1852.5 (18625)	19.36	18.92	19.24	18.53
10MHz	1RB-High (49)	1905 (19150)	19.10	18.89	19.13	18.21
		1880 (18900)	19.29	19.12	19.20	18.30
		1855 (18650)	19.30	19.00	19.25	18.56
	1RB-Middle (24)	1905 (19150)	19.25	18.89	19.22	18.57
		1880 (18900)	19.37	18.92	19.36	18.58
		1855 (18650)	19.29	19.00	19.24	18.60
	1RB-Low (0)	1905 (19150)	19.25	18.84	19.32	18.20
		1880 (18900)	19.11	19.07	19.33	18.40
		1855 (18650)	19.18	18.86	19.32	18.44
	25RB-High (25)	1905 (19150)	19.32	18.89	19.15	18.35
		1880 (18900)	19.29	18.84	19.22	18.42
		1855 (18650)	19.36	19.00	19.32	18.35
	25RB-Middle (12)	1905 (19150)	19.37	18.97	19.25	18.21
		1880 (18900)	19.36	18.95	19.24	18.57
		1855 (18650)	18.93	18.97	19.25	18.43
	25RB-Low (0)	1905 (19150)	19.19	18.78	19.04	18.34
		1880 (18900)	19.22	18.90	19.10	18.36
		1855 (18650)	19.36	18.92	19.26	18.26
	50RB (0)	1905 (19150)	19.22	18.82	19.22	18.37
		1880 (18900)	19.28	18.97	19.22	18.27
		1855 (18650)	19.41	18.97	19.33	18.27

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15MHz	1RB-High (74)	1902.5 (19125)	18.75	18.73	19.11	18.40
		1880 (18900)	19.37	19.05	19.03	18.60
		1857.5 (18675)	18.92	18.69	19.10	18.49
	1RB-Middle (37)	1902.5 (19125)	18.83	18.78	18.59	18.20
		1880 (18900)	18.83	19.03	18.84	18.39
		1857.5 (18675)	19.01	18.90	19.09	18.22
	1RB-Low (0)	1902.5 (19125)	18.88	18.78	19.21	18.34
		1880 (18900)	19.15	18.89	18.88	18.23
		1857.5 (18675)	19.00	18.84	19.22	18.21
	36RB-High (38)	1902.5 (19125)	19.19	18.65	18.94	18.45
		1880 (18900)	19.15	18.75	19.10	18.20
		1857.5 (18675)	19.19	18.82	19.06	18.43
	36RB-Middle (19)	1902.5 (19125)	19.04	18.59	18.84	18.28
		1880 (18900)	19.23	18.81	19.04	18.44
		1857.5 (18675)	19.17	18.80	19.03	18.27
	36RB-Low (0)	1902.5 (19125)	19.03	18.67	18.87	18.52
		1880 (18900)	19.12	18.67	18.94	18.57
		1857.5 (18675)	19.11	18.71	18.98	18.46
	75RB (0)	1902.5 (19125)	19.11	18.65	18.80	18.36
		1880 (18900)	19.15	18.73	19.02	18.35
		1857.5 (18675)	19.23	18.80	19.10	18.48
20MHz	1RB-High (99)	1900 (19100)	19.00	19.50	18.99	18.24
		1880 (18900)	19.02	19.46	19.30	18.54
		1860 (18700)	18.97	19.27	19.13	18.47
	1RB-Middle (50)	1900 (19100)	18.97	19.19	19.09	18.25
		1880 (18900)	19.01	19.27	19.15	18.57
		1860 (18700)	18.95	19.21	19.54	18.27
	1RB-Low (0)	1900 (19100)	19.06	19.24	19.06	18.32
		1880 (18900)	19.03	19.16	19.21	18.51
		1860 (18700)	19.02	19.13	19.41	18.54
	50RB-High (50)	1900 (19100)	19.09	19.12	19.13	18.21
		1880 (18900)	19.12	19.23	19.24	18.57
		1860 (18700)	19.13	19.19	19.16	18.22
	50RB-Middle (25)	1900 (19100)	19.23	19.20	19.12	18.60
		1880 (18900)	19.11	19.15	19.14	18.43
		1860 (18700)	19.22	19.23	19.14	18.27
	50RB-Low (0)	1900 (19100)	19.14	19.11	19.18	18.52
		1880 (18900)	19.14	19.18	19.12	18.46
		1860 (18700)	19.10	19.11	19.06	18.37
	100RB (0)	1900 (19100)	19.13	19.12	19.14	18.32
		1880 (18900)	19.16	19.17	19.17	18.20
		1860 (18700)	19.20	19.16	19.11	18.51

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LTE Band2(ANT5 DSI 5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	23.16	22.59	21.55	18.41
		1880 (18900)	23.14	22.82	21.77	18.60
		1850.7 (18607)	23.40	22.84	21.79	18.61
	1RB-Middle (3)	1909.3 (19193)	23.27	22.58	21.54	18.40
		1880 (18900)	23.21	22.91	21.86	18.67
		1850.7 (18607)	23.30	22.94	21.88	18.69
	1RB-Low (0)	1909.3 (19193)	23.18	22.81	21.76	18.59
		1880 (18900)	23.24	22.64	21.60	18.45
		1850.7 (18607)	23.32	22.74	21.69	18.53
	3RB-High (3)	1909.3 (19193)	23.18	22.67	21.63	18.47
		1880 (18900)	23.31	22.46	21.43	18.30
		1850.7 (18607)	23.37	22.55	21.51	18.38
	3RB-Middle (1)	1909.3 (19193)	23.32	22.57	21.53	18.39
		1880 (18900)	23.32	22.48	21.44	18.32
		1850.7 (18607)	23.28	22.56	21.52	18.38
	3RB-Low (0)	1909.3 (19193)	23.32	22.39	21.36	18.25
		1880 (18900)	23.22	22.40	21.37	18.25
		1850.7 (18607)	23.33	22.60	21.56	18.42
	6RB (0)	1909.3 (19193)	22.34	21.36	20.38	18.41
		1880 (18900)	22.25	21.38	20.40	18.42
		1850.7 (18607)	22.33	21.38	20.40	18.42
3MHz	1RB-High (14)	1908.5 (19185)	23.16	22.75	21.70	18.54
		1880 (18900)	23.13	22.52	21.48	18.35
		1851.5 (18615)	23.40	22.71	21.66	18.51
	1RB-Middle (7)	1908.5 (19185)	23.24	22.87	21.82	18.64
		1880 (18900)	23.28	22.50	21.46	18.34
		1851.5 (18615)	23.48	22.81	21.76	18.59
	1RB-Low (0)	1908.5 (19185)	23.12	22.58	21.54	18.40
		1880 (18900)	23.15	22.48	21.44	18.32
		1851.5 (18615)	23.25	22.56	21.52	18.38
	8RB-High (7)	1908.5 (19185)	22.31	21.52	20.53	18.54
		1880 (18900)	22.37	21.44	20.45	18.47
		1851.5 (18615)	22.40	21.52	20.53	18.54
	8RB-Middle (4)	1908.5 (19185)	22.41	21.47	20.48	18.50
		1880 (18900)	22.32	21.42	20.43	18.46
		1851.5 (18615)	22.45	21.48	20.49	18.50
	8RB-Low (0)	1908.5 (19185)	22.27	21.35	20.37	18.40
		1880 (18900)	22.36	21.37	20.39	18.42
		1851.5 (18615)	22.39	21.53	20.54	18.55
	15RB (0)	1908.5 (19185)	22.30	21.30	20.32	18.36
		1880 (18900)	22.32	21.31	20.33	18.37
		1851.5 (18615)	22.42	21.40	20.41	18.44

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5MHz	1RB-High (24)	1907.5 (19175)	23.25	22.74	21.69	18.53
		1880 (18900)	23.22	22.45	21.42	18.30
		1852.5 (18625)	23.28	22.54	21.50	18.37
	1RB-Middle (12)	1907.5 (19175)	23.38	22.80	21.75	18.58
		1880 (18900)	23.20	22.66	21.62	18.47
		1852.5 (18625)	23.39	22.71	21.66	18.51
	1RB-Low (0)	1907.5 (19175)	23.21	22.57	21.53	18.39
		1880 (18900)	23.20	22.57	21.53	18.39
		1852.5 (18625)	23.31	22.62	21.58	18.43
	12RB-High (13)	1907.5 (19175)	22.35	21.45	20.46	18.48
		1880 (18900)	22.37	21.34	20.36	18.39
		1852.5 (18625)	22.41	21.48	20.49	18.50
	12RB-Middle (6)	1907.5 (19175)	22.32	21.45	20.46	18.48
		1880 (18900)	22.35	21.40	20.41	18.44
		1852.5 (18625)	22.45	21.52	20.53	18.54
	12RB-Low (0)	1907.5 (19175)	22.14	21.28	20.30	18.34
		1880 (18900)	22.13	21.28	20.30	18.34
		1852.5 (18625)	22.35	21.57	20.58	18.58
	25RB (0)	1907.5 (19175)	22.37	21.39	20.41	18.43
		1880 (18900)	22.29	21.30	20.32	18.36
		1852.5 (18625)	22.45	21.40	20.41	18.44
10MHz	1RB-High (49)	1905 (19150)	23.31	22.92	21.86	18.68
		1880 (18900)	23.22	22.66	21.62	18.47
		1855 (18650)	23.41	22.73	21.68	18.52
	1RB-Middle (24)	1905 (19150)	23.29	22.54	21.50	18.37
		1880 (18900)	23.40	22.68	21.64	18.48
		1855 (18650)	23.39	22.47	21.44	18.31
	1RB-Low (0)	1905 (19150)	23.26	22.73	21.68	18.52
		1880 (18900)	23.18	22.69	21.65	18.49
		1855 (18650)	23.28	22.88	21.83	18.65
	25RB-High (25)	1905 (19150)	22.31	21.36	20.38	18.41
		1880 (18900)	22.35	21.39	20.41	18.43
		1855 (18650)	22.38	21.43	20.44	18.46
	25RB-Middle (12)	1905 (19150)	22.42	21.31	20.33	18.37
		1880 (18900)	22.42	21.32	20.34	18.37
		1855 (18650)	22.48	21.52	20.53	18.54
	25RB-Low (0)	1905 (19150)	22.33	21.30	20.32	18.36
		1880 (18900)	22.28	21.21	20.23	18.28
		1855 (18650)	22.35	21.47	20.48	18.50
	50RB (0)	1905 (19150)	22.31	21.39	20.41	18.43
		1880 (18900)	22.34	21.35	20.37	18.40
		1855 (18650)	22.41	21.45	20.46	18.48

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15MHz	1RB-High (74)	1902.5 (19125)	23.10	22.52	21.48	18.35
		1880 (18900)	23.12	22.15	21.13	18.05
		1857.5 (18675)	23.24	22.51	21.47	18.34
	1RB-Middle (37)	1902.5 (19125)	23.17	22.54	21.50	18.37
		1880 (18900)	23.16	22.53	21.49	18.36
		1857.5 (18675)	23.22	22.28	21.25	18.16
	1RB-Low (0)	1902.5 (19125)	23.18	22.49	21.45	18.33
		1880 (18900)	23.13	22.32	21.29	18.19
		1857.5 (18675)	23.25	22.41	21.38	18.26
	36RB-High (38)	1902.5 (19125)	22.22	21.30	20.32	18.36
		1880 (18900)	22.27	21.24	20.26	18.31
		1857.5 (18675)	22.29	21.31	20.33	18.37
	36RB-Middle (19)	1902.5 (19125)	22.23	21.27	20.29	18.33
		1880 (18900)	22.25	21.28	20.30	18.34
		1857.5 (18675)	22.28	21.34	20.36	18.39
	36RB-Low (0)	1902.5 (19125)	22.20	21.26	20.28	18.33
		1880 (18900)	22.15	21.15	20.18	18.24
		1857.5 (18675)	22.32	21.36	20.38	18.41
	75RB (0)	1902.5 (19125)	22.29	21.34	20.36	18.39
		1880 (18900)	22.26	21.28	20.30	18.34
		1857.5 (18675)	22.28	21.33	20.35	18.38
20MHz	1RB-High (99)	1900 (19100)	23.00	22.26	21.24	18.14
		1880 (18900)	23.08	22.33	21.30	18.20
		1860 (18700)	23.15	22.34	21.31	18.21
	1RB-Middle (50)	1900 (19100)	23.15	22.30	21.27	18.17
		1880 (18900)	23.11	22.29	21.26	18.16
		1860 (18700)	23.26	22.28	21.25	18.16
	1RB-Low (0)	1900 (19100)	23.18	22.11	21.09	18.02
		1880 (18900)	23.11	22.37	21.34	18.23
		1860 (18700)	23.51	22.38	21.35	18.24
	50RB-High (50)	1900 (19100)	22.35	21.27	20.29	18.33
		1880 (18900)	22.23	21.23	20.25	18.30
		1860 (18700)	22.31	21.31	20.33	18.37
	50RB-Middle (25)	1900 (19100)	22.32	21.29	20.31	18.35
		1880 (18900)	22.25	21.23	20.25	18.30
		1860 (18700)	22.33	21.29	20.31	18.35
	50RB-Low (0)	1900 (19100)	22.17	21.27	20.29	18.33
		1880 (18900)	22.22	21.24	20.26	18.31
		1860 (18700)	22.26	21.26	20.28	18.33
	100RB (0)	1900 (19100)	22.37	21.21	20.23	18.28
		1880 (18900)	22.27	21.20	20.22	18.28
		1860 (18700)	22.29	21.32	20.34	18.37

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LTE Band2(ANT5 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	13.81	13.95	13.99	13.80
		1880 (18900)	13.98	13.88	14.07	13.52
		1850.7 (18607)	13.95	13.99	14.02	13.76
	1RB-Middle (3)	1909.3 (19193)	13.86	13.93	14.02	13.46
		1880 (18900)	14.01	13.91	13.95	13.63
		1850.7 (18607)	14.04	13.95	14.07	13.56
	1RB-Low (0)	1909.3 (19193)	13.86	13.90	14.07	13.57
		1880 (18900)	13.84	13.98	14.02	13.74
		1850.7 (18607)	13.83	13.86	13.97	13.57
	3RB-High (3)	1909.3 (19193)	13.85	13.83	14.06	13.80
		1880 (18900)	13.90	13.97	14.09	13.46
		1850.7 (18607)	14.03	13.83	14.02	13.56
	3RB-Middle (1)	1909.3 (19193)	13.86	13.97	13.95	13.43
		1880 (18900)	13.97	13.87	13.95	13.65
		1850.7 (18607)	14.10	13.99	13.96	13.61
	3RB-Low (0)	1909.3 (19193)	13.89	13.91	13.95	13.56
		1880 (18900)	13.97	13.80	14.04	13.49
		1850.7 (18607)	14.05	13.93	14.00	13.63
	6RB (0)	1909.3 (19193)	13.84	13.94	13.94	13.72
		1880 (18900)	14.05	13.99	14.03	13.48
		1850.7 (18607)	14.06	13.90	14.07	13.77
3MHz	1RB-High (14)	1908.5 (19185)	13.81	13.86	13.87	13.62
		1880 (18900)	13.70	13.93	14.11	13.63
		1851.5 (18615)	13.90	13.96	14.07	13.69
	1RB-Middle (7)	1908.5 (19185)	13.87	13.94	13.94	13.52
		1880 (18900)	14.03	13.96	13.97	13.58
		1851.5 (18615)	14.07	13.86	13.96	13.46
	1RB-Low (0)	1908.5 (19185)	13.79	13.93	13.95	13.71
		1880 (18900)	14.05	13.95	14.08	13.59
		1851.5 (18615)	13.96	13.99	14.03	13.71
	8RB-High (7)	1908.5 (19185)	13.95	13.88	14.01	13.65
		1880 (18900)	13.99	13.89	14.10	13.76
		1851.5 (18615)	14.04	13.96	14.07	13.61
	8RB-Middle (4)	1908.5 (19185)	13.98	13.94	14.02	13.70
		1880 (18900)	14.03	13.81	14.08	13.56
		1851.5 (18615)	14.05	13.84	14.02	13.80
	8RB-Low (0)	1908.5 (19185)	13.90	13.79	14.01	13.80
		1880 (18900)	13.99	13.99	14.04	13.65
		1851.5 (18615)	14.07	13.98	14.08	13.81
	15RB (0)	1908.5 (19185)	13.87	13.77	13.89	13.64
		1880 (18900)	13.95	13.93	13.99	13.51
		1851.5 (18615)	14.05	13.96	14.10	13.73

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5MHz	1RB-High (24)	1907.5 (19175)	13.97	13.85	13.86	13.79
		1880 (18900)	13.90	13.96	14.08	13.84
		1852.5 (18625)	14.09	13.81	13.96	13.43
	1RB-Middle (12)	1907.5 (19175)	14.05	13.89	13.96	13.72
		1880 (18900)	13.96	14.04	14.00	13.67
		1852.5 (18625)	13.99	13.86	14.03	13.48
	1RB-Low (0)	1907.5 (19175)	13.79	13.85	14.02	13.45
		1880 (18900)	13.76	13.89	14.06	13.84
		1852.5 (18625)	13.93	14.00	14.08	13.48
	12RB-High (13)	1907.5 (19175)	13.96	13.85	13.99	13.74
		1880 (18900)	13.99	13.94	14.02	13.53
		1852.5 (18625)	13.99	13.86	14.02	13.45
	12RB-Middle (6)	1907.5 (19175)	14.03	13.86	14.06	13.58
		1880 (18900)	13.99	13.94	14.08	13.53
		1852.5 (18625)	14.12	13.93	14.09	13.63
	12RB-Low (0)	1907.5 (19175)	13.99	13.86	13.97	13.60
		1880 (18900)	13.87	13.80	13.97	13.51
		1852.5 (18625)	14.05	13.90	14.08	13.40
	25RB (0)	1907.5 (19175)	13.96	13.77	13.96	13.65
		1880 (18900)	13.97	13.88	14.00	13.65
		1852.5 (18625)	14.02	13.87	14.02	13.81
10MHz	1RB-High (49)	1905 (19150)	13.83	13.85	13.94	13.57
		1880 (18900)	13.97	14.02	13.99	13.74
		1855 (18650)	13.98	13.93	14.03	13.77
	1RB-Middle (24)	1905 (19150)	13.94	13.85	14.01	13.70
		1880 (18900)	14.03	13.87	14.11	13.48
		1855 (18650)	13.97	13.93	14.02	13.74
	1RB-Low (0)	1905 (19150)	13.94	13.81	14.08	13.45
		1880 (18900)	13.84	13.98	14.09	13.70
		1855 (18650)	13.89	13.83	14.08	13.51
	25RB-High (25)	1905 (19150)	13.99	13.85	13.96	13.77
		1880 (18900)	13.97	13.81	14.01	13.56
		1855 (18650)	14.02	13.93	14.08	13.72
	25RB-Middle (12)	1905 (19150)	14.03	13.91	14.03	13.75
		1880 (18900)	14.02	13.89	14.02	13.41
		1855 (18650)	14.13	13.91	14.03	13.72
	25RB-Low (0)	1905 (19150)	13.90	13.77	13.88	13.51
		1880 (18900)	13.92	13.86	13.92	13.51
		1855 (18650)	14.02	13.87	14.04	13.45
	50RB (0)	1905 (19150)	13.92	13.80	14.01	13.65
		1880 (18900)	13.96	13.91	14.01	13.53
		1855 (18650)	14.06	13.91	14.09	13.80

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15MHz	1RB-High (74)	1902.5 (19125)	13.58	13.73	13.93	13.47
		1880 (18900)	14.03	13.97	13.87	13.70
		1857.5 (18675)	13.70	13.70	13.92	13.76
	1RB-Middle (37)	1902.5 (19125)	13.64	13.77	13.55	13.73
		1880 (18900)	13.64	13.95	13.73	13.43
		1857.5 (18675)	13.77	13.86	13.91	13.54
	1RB-Low (0)	1902.5 (19125)	13.67	13.77	14.00	13.42
		1880 (18900)	13.87	13.85	13.76	13.53
		1857.5 (18675)	13.76	13.81	14.01	13.75
	36RB-High (38)	1902.5 (19125)	13.90	13.67	13.80	13.43
		1880 (18900)	13.87	13.75	13.92	13.45
		1857.5 (18675)	13.90	13.80	13.89	13.46
	36RB-Middle (19)	1902.5 (19125)	13.79	13.63	13.73	13.45
		1880 (18900)	13.93	13.79	13.88	13.71
		1857.5 (18675)	13.88	13.78	13.87	13.47
	36RB-Low (0)	1902.5 (19125)	13.78	13.69	13.75	13.64
		1880 (18900)	13.85	13.69	13.80	13.48
		1857.5 (18675)	13.84	13.72	13.83	13.81
	75RB (0)	1902.5 (19125)	13.84	13.67	13.70	13.47
		1880 (18900)	13.87	13.73	13.86	13.82
		1857.5 (18675)	13.93	13.78	13.92	13.65
20MHz	1RB-High (99)	1900 (19100)	13.76	14.04	13.84	13.48
		1880 (18900)	13.73	14.18	13.78	13.68
		1860 (18700)	13.67	13.87	14.16	13.73
	1RB-Middle (50)	1900 (19100)	13.86	14.07	14.18	13.62
		1880 (18900)	13.74	14.17	13.94	13.56
		1860 (18700)	13.76	14.08	13.83	13.73
	1RB-Low (0)	1900 (19100)	13.79	14.17	13.87	13.58
		1880 (18900)	14.04	13.87	13.62	13.72
		1860 (18700)	13.71	13.92	13.76	13.49
	50RB-High (50)	1900 (19100)	13.88	13.93	13.84	13.58
		1880 (18900)	13.87	13.95	13.87	13.48
		1860 (18700)	13.89	13.90	13.91	13.43
	50RB-Middle (25)	1900 (19100)	13.86	13.92	13.79	13.70
		1880 (18900)	13.81	13.86	13.96	13.63
		1860 (18700)	13.82	13.93	13.94	13.72
	50RB-Low (0)	1900 (19100)	13.83	13.78	13.76	13.73
		1880 (18900)	13.86	13.91	13.84	13.77
		1860 (18700)	13.78	13.85	13.91	13.57
	100RB (0)	1900 (19100)	13.91	13.99	13.80	13.72
		1880 (18900)	13.91	13.90	13.88	13.77
		1860 (18700)	13.88	13.88	13.87	13.59

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LTE Band4(ANT2 DSI 1/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	23.21	23.13	22.69	19.68
		1732.5 (20175)	23.15	23.06	22.72	19.33
		1710.7 (19957)	23.13	23.16	22.72	19.67
	1RB-Middle (3)	1754.3 (20393)	23.26	23.27	22.64	19.74
		1732.5 (20175)	23.18	23.17	22.68	19.63
		1710.7 (19957)	23.14	23.04	22.80	19.67
	1RB-Low (0)	1754.3 (20393)	23.19	23.01	22.65	19.63
		1732.5 (20175)	23.13	23.01	22.76	19.61
		1710.7 (19957)	23.14	23.02	22.78	19.56
	3RB-High (3)	1754.3 (20393)	23.22	23.13	22.50	19.48
		1732.5 (20175)	23.15	23.13	22.66	19.52
		1710.7 (19957)	23.27	23.09	22.46	19.54
	3RB-Middle (1)	1754.3 (20393)	23.28	23.11	22.48	19.60
		1732.5 (20175)	23.22	23.20	22.57	19.58
		1710.7 (19957)	23.14	23.09	22.46	19.56
	3RB-Low (0)	1754.3 (20393)	23.18	23.17	22.54	19.65
		1732.5 (20175)	23.24	23.12	22.49	19.63
		1710.7 (19957)	23.23	23.15	22.52	19.65
	6RB (0)	1754.3 (20393)	23.28	22.76	21.60	19.68
		1732.5 (20175)	23.15	22.71	21.75	19.67
		1710.7 (19957)	23.24	22.68	21.65	19.69
3MHz	1RB-High (14)	1753.5 (20385)	23.17	23.24	22.70	19.57
		1732.5 (20175)	23.19	23.20	22.57	19.54
		1711.5 (19965)	23.18	23.14	22.51	19.47
	1RB-Middle (7)	1753.5 (20385)	23.14	23.26	22.72	19.75
		1732.5 (20175)	23.29	23.25	22.76	19.57
		1711.5 (19965)	23.16	23.13	22.69	19.73
	1RB-Low (0)	1753.5 (20385)	23.22	23.09	22.46	19.61
		1732.5 (20175)	23.17	23.28	22.64	19.50
		1711.5 (19965)	23.09	23.13	22.50	19.43
	8RB-High (7)	1753.5 (20385)	23.25	22.65	21.74	19.73
		1732.5 (20175)	23.16	22.65	21.74	19.64
		1711.5 (19965)	23.20	22.61	21.70	19.67
	8RB-Middle (4)	1753.5 (20385)	23.25	22.57	21.66	19.66
		1732.5 (20175)	23.30	22.51	21.60	19.72
		1711.5 (19965)	23.24	22.66	21.75	19.79
	8RB-Low (0)	1753.5 (20385)	23.16	22.49	21.58	19.60
		1732.5 (20175)	23.30	22.51	21.60	19.53
		1711.5 (19965)	23.24	22.63	21.72	19.73
	15RB (0)	1753.5 (20385)	23.17	22.76	21.60	19.62
		1732.5 (20175)	23.24	22.77	21.61	19.66
		1711.5 (19965)	23.27	22.80	21.64	19.65

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5MHz	1RB-High (24)	1752.5 (20375)	23.15	23.25	22.62	19.53
		1732.5 (20175)	23.21	23.25	22.71	19.39
		1712.5 (19975)	23.15	23.19	22.56	19.51
	1RB-Middle (12)	1752.5 (20375)	23.26	23.15	22.69	19.70
		1732.5 (20175)	23.29	23.18	22.71	19.58
		1712.5 (19975)	23.27	23.24	22.61	19.80
	1RB-Low (0)	1752.5 (20375)	23.22	23.20	22.57	19.40
		1732.5 (20175)	23.11	23.27	22.64	19.43
		1712.5 (19975)	23.10	23.12	22.68	19.61
	12RB-High (13)	1752.5 (20375)	23.29	22.66	21.75	19.44
		1732.5 (20175)	23.14	22.64	21.73	19.37
		1712.5 (19975)	23.22	22.56	21.65	19.39
	12RB-Middle (6)	1752.5 (20375)	23.13	22.67	21.76	19.54
		1732.5 (20175)	23.27	22.64	21.73	19.68
		1712.5 (19975)	23.30	22.50	21.59	19.75
	12RB-Low (0)	1752.5 (20375)	23.28	22.65	21.74	19.64
		1732.5 (20175)	23.25	22.53	21.62	19.68
		1712.5 (19975)	23.29	22.53	21.62	19.71
	25RB (0)	1752.5 (20375)	23.14	22.58	21.67	19.75
		1732.5 (20175)	23.28	22.53	21.62	19.64
		1712.5 (19975)	23.28	22.52	21.61	19.68
10MHz	1RB-High (49)	1750 (20350)	23.07	23.29	22.65	19.65
		1732.5 (20175)	23.29	23.23	22.79	19.61
		1715 (20000)	23.14	23.26	22.72	19.63
	1RB-Middle (24)	1750 (20350)	23.15	23.18	22.55	19.61
		1732.5 (20175)	23.24	23.22	22.59	19.52
		1715 (20000)	23.25	23.29	22.65	19.53
	1RB-Low (0)	1750 (20350)	23.21	23.26	22.63	19.67
		1732.5 (20175)	23.13	23.15	22.76	19.70
		1715 (20000)	23.17	23.21	22.77	19.62
	25RB-High (25)	1750 (20350)	23.16	22.73	21.77	19.52
		1732.5 (20175)	23.14	22.72	21.66	19.76
		1715 (20000)	23.27	22.68	21.65	19.75
	25RB-Middle (12)	1750 (20350)	23.26	22.74	21.58	19.69
		1732.5 (20175)	23.26	22.75	21.59	19.58
		1715 (20000)	23.03	22.69	21.66	19.73
	25RB-Low (0)	1750 (20350)	23.29	22.69	21.54	19.62
		1732.5 (20175)	23.28	22.78	21.62	19.70
		1715 (20000)	23.23	22.74	21.58	19.69
	50RB (0)	1750 (20350)	23.27	22.79	21.63	19.73
		1732.5 (20175)	23.22	22.70	21.55	19.70
		1715 (20000)	23.01	22.80	21.64	19.63

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15MHz	1RB-High (74)	1747.5 (20325)	23.18	23.08	22.45	19.63
		1732.5 (20175)	23.18	23.28	22.74	19.63
		1717.5 (20025)	23.11	23.29	22.65	19.76
	1RB-Middle (37)	1747.5 (20325)	23.09	23.17	22.54	19.61
		1732.5 (20175)	23.13	23.22	22.59	19.80
		1717.5 (20025)	23.01	23.05	22.42	19.69
	1RB-Low (0)	1747.5 (20325)	23.05	23.25	22.62	19.61
		1732.5 (20175)	23.09	23.19	22.56	19.63
		1717.5 (20025)	23.02	23.08	22.45	19.75
	36RB-High (38)	1747.5 (20325)	23.22	22.77	21.61	19.54
		1732.5 (20175)	23.27	22.69	21.70	19.60
		1717.5 (20025)	23.16	22.71	21.56	19.58
	36RB-Middle (19)	1747.5 (20325)	23.12	22.71	21.56	19.59
		1732.5 (20175)	23.06	22.60	21.45	19.46
		1717.5 (20025)	23.12	22.68	21.53	19.61
	36RB-Low (0)	1747.5 (20325)	23.11	22.70	21.55	19.57
		1732.5 (20175)	23.18	22.63	21.48	19.51
		1717.5 (20025)	23.12	22.63	21.48	19.55
	75RB (0)	1747.5 (20325)	23.08	22.61	21.46	19.48
		1732.5 (20175)	23.21	22.69	21.54	19.56
		1717.5 (20025)	23.21	22.71	21.56	19.57
20MHz	1RB-High (99)	1745 (20300)	23.19	23.10	22.47	19.70
		1732.5 (20175)	23.29	23.19	22.56	19.55
		1720 (20050)	23.05	23.11	22.48	19.47
	1RB-Middle (50)	1745 (20300)	23.15	23.11	22.48	19.67
		1732.5 (20175)	23.23	23.18	22.73	19.55
		1720 (20050)	23.06	23.17	22.30	19.36
	1RB-Low (0)	1745 (20300)	23.07	23.11	22.24	19.52
		1732.5 (20175)	23.19	23.13	22.26	19.76
		1720 (20050)	23.17	23.06	22.19	19.70
	50RB-High (50)	1745 (20300)	23.25	22.76	21.60	19.46
		1732.5 (20175)	23.29	22.77	21.61	19.57
		1720 (20050)	23.19	22.79	21.63	19.53
	50RB-Middle (25)	1745 (20300)	23.15	22.68	21.53	19.56
		1732.5 (20175)	23.13	22.73	21.58	19.57
		1720 (20050)	23.17	22.73	21.58	19.62
	50RB-Low (0)	1745 (20300)	23.17	22.64	21.49	19.46
		1732.5 (20175)	23.14	22.71	21.56	19.51
		1720 (20050)	23.07	22.63	21.48	19.61
	100RB (0)	1745 (20300)	23.15	22.59	21.44	19.55
		1732.5 (20175)	23.16	22.68	21.53	19.62
		1720 (20050)	23.14	22.74	21.58	19.57

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LTE Band4(ANT2 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	21.54	21.51	21.35	19.64
		1732.5 (20175)	21.55	21.75	21.69	19.75
		1710.7 (19957)	21.52	21.77	21.71	19.78
	1RB-Middle (3)	1754.3 (20393)	21.66	21.67	21.51	19.79
		1732.5 (20175)	21.71	21.54	21.38	19.67
		1710.7 (19957)	21.58	21.72	21.56	19.74
	1RB-Low (0)	1754.3 (20393)	21.54	21.72	21.66	19.63
		1732.5 (20175)	21.67	21.70	21.54	19.71
		1710.7 (19957)	21.43	21.40	21.74	19.54
	3RB-High (3)	1754.3 (20393)	21.59	21.33	21.68	19.48
		1732.5 (20175)	21.68	21.58	21.42	19.70
		1710.7 (19957)	21.66	21.36	21.70	19.50
	3RB-Middle (1)	1754.3 (20393)	21.52	21.43	21.77	19.57
		1732.5 (20175)	21.73	21.63	21.47	19.75
		1710.7 (19957)	21.63	21.43	21.77	19.57
	3RB-Low (0)	1754.3 (20393)	21.54	21.47	21.31	19.60
		1732.5 (20175)	21.68	21.46	21.30	19.59
		1710.7 (19957)	21.62	21.39	21.73	19.53
	6RB (0)	1754.3 (20393)	21.55	21.77	21.61	19.42
		1732.5 (20175)	21.71	21.35	21.69	19.49
		1710.7 (19957)	21.63	21.73	21.57	19.38
3MHz	1RB-High (14)	1753.5 (20385)	21.42	21.35	21.69	19.49
		1732.5 (20175)	21.55	21.72	21.66	19.73
		1711.5 (19965)	21.58	21.68	21.52	19.80
	1RB-Middle (7)	1753.5 (20385)	21.56	21.63	21.47	19.75
		1732.5 (20175)	21.71	21.67	21.51	19.79
		1711.5 (19965)	21.56	21.58	21.42	19.70
	1RB-Low (0)	1753.5 (20385)	21.46	21.80	21.65	19.61
		1732.5 (20175)	21.66	21.79	21.73	19.78
		1711.5 (19965)	21.48	21.72	21.56	19.74
	8RB-High (7)	1753.5 (20385)	21.66	21.73	21.57	19.38
		1732.5 (20175)	21.67	21.42	21.76	19.55
		1711.5 (19965)	21.72	21.75	21.59	19.40
	8RB-Middle (4)	1753.5 (20385)	21.68	21.77	21.61	19.42
		1732.5 (20175)	21.63	21.78	21.62	19.43
		1711.5 (19965)	21.70	21.33	21.68	19.48
	8RB-Low (0)	1753.5 (20385)	21.47	21.77	21.61	19.42
		1732.5 (20175)	21.48	21.33	21.68	19.48
		1711.5 (19965)	21.71	21.36	21.70	19.50
	15RB (0)	1753.5 (20385)	21.54	21.55	21.39	19.22
		1732.5 (20175)	21.62	21.70	21.54	19.35
		1711.5 (19965)	21.66	21.78	21.62	19.43

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5MHz	1RB-High (24)	1752.5 (20375)	21.54	21.71	21.55	19.63
		1732.5 (20175)	21.60	21.72	21.56	19.64
		1712.5 (19975)	21.58	21.79	21.63	19.70
	1RB-Middle (12)	1752.5 (20375)	21.64	21.80	21.69	19.75
		1732.5 (20175)	21.71	21.75	21.59	19.66
		1712.5 (19975)	21.64	21.74	21.58	19.65
	1RB-Low (0)	1752.5 (20375)	21.50	21.71	21.75	19.80
		1732.5 (20175)	21.43	21.78	21.74	19.79
		1712.5 (19975)	21.36	21.76	21.61	19.68
	12RB-High (13)	1752.5 (20375)	21.64	21.70	21.54	19.35
		1732.5 (20175)	21.71	21.32	21.66	19.47
		1712.5 (19975)	21.55	21.70	21.54	19.35
	12RB-Middle (6)	1752.5 (20375)	21.56	21.75	21.59	19.40
		1732.5 (20175)	21.64	21.78	21.62	19.43
		1712.5 (19975)	21.68	21.33	21.68	19.48
	12RB-Low (0)	1752.5 (20375)	21.63	21.77	21.61	19.42
		1732.5 (20175)	21.60	21.67	21.51	19.33
		1712.5 (19975)	21.62	21.75	21.59	19.40
	25RB (0)	1752.5 (20375)	21.56	21.62	21.46	19.28
		1732.5 (20175)	21.64	21.66	21.50	19.32
		1712.5 (19975)	21.67	21.66	21.50	19.32
10MHz	1RB-High (49)	1750 (20350)	21.46	21.68	21.52	19.80
		1732.5 (20175)	21.67	21.56	21.40	19.69
		1715 (20000)	21.64	21.67	21.51	19.79
	1RB-Middle (24)	1750 (20350)	21.59	21.55	21.39	19.68
		1732.5 (20175)	21.62	21.75	21.59	19.76
		1715 (20000)	21.67	21.76	21.70	19.72
	1RB-Low (0)	1750 (20350)	21.59	21.74	21.74	19.79
		1732.5 (20175)	21.54	21.66	21.50	19.78
		1715 (20000)	21.55	21.62	21.46	19.74
	25RB-High (25)	1750 (20350)	21.60	21.70	21.54	19.35
		1732.5 (20175)	21.78	21.74	21.58	19.39
		1715 (20000)	21.58	21.71	21.55	19.37
	25RB-Middle (12)	1750 (20350)	21.64	21.66	21.50	19.32
		1732.5 (20175)	21.74	21.32	21.66	19.47
		1715 (20000)	21.71	21.31	21.65	19.45
	25RB-Low (0)	1750 (20350)	21.52	21.63	21.47	19.29
		1732.5 (20175)	21.74	21.73	21.57	19.38
		1715 (20000)	21.60	21.63	21.47	19.29
	50RB (0)	1750 (20350)	21.55	21.54	21.38	19.21
		1732.5 (20175)	21.56	21.66	21.50	19.32
		1715 (20000)	21.71	21.73	21.57	19.38

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15MHz	1RB-High (74)	1747.5 (20325)	21.74	21.60	21.44	19.73
		1732.5 (20175)	21.64	21.55	21.39	19.68
		1717.5 (20025)	21.16	21.69	21.53	19.34
	1RB-Middle (37)	1747.5 (20325)	21.34	21.62	21.46	19.74
		1732.5 (20175)	21.36	21.35	21.69	19.49
		1717.5 (20025)	21.59	21.59	21.43	19.26
	1RB-Low (0)	1747.5 (20325)	21.38	21.71	21.55	19.37
		1732.5 (20175)	21.48	21.73	21.67	19.74
		1717.5 (20025)	21.24	21.50	21.34	19.63
	36RB-High (38)	1747.5 (20325)	21.50	21.59	21.43	19.26
		1732.5 (20175)	21.60	21.71	21.55	19.37
		1717.5 (20025)	21.50	21.70	21.54	19.80
	36RB-Middle (19)	1747.5 (20325)	21.50	21.46	21.30	19.58
		1732.5 (20175)	21.63	21.61	21.45	19.72
		1717.5 (20025)	21.52	21.65	21.49	19.75
	36RB-Low (0)	1747.5 (20325)	21.48	21.58	21.42	19.69
		1732.5 (20175)	21.59	21.62	21.46	19.73
		1717.5 (20025)	21.46	21.57	21.41	19.68
	75RB (0)	1747.5 (20325)	21.35	21.51	21.35	19.63
		1732.5 (20175)	21.46	21.57	21.41	19.68
		1717.5 (20025)	21.58	21.59	21.43	19.71
20MHz	1RB-High (99)	1745 (20300)	21.56	21.76	21.49	19.75
		1732.5 (20175)	21.57	21.31	21.42	19.69
		1720 (20050)	21.47	21.41	21.62	19.68
	1RB-Middle (50)	1745 (20300)	21.33	21.73	21.11	19.42
		1732.5 (20175)	21.41	21.69	21.61	19.67
		1720 (20050)	21.46	21.65	21.30	19.58
	1RB-Low (0)	1745 (20300)	21.48	21.70	21.74	19.79
		1732.5 (20175)	21.50	21.42	21.24	19.54
		1720 (20050)	21.24	21.61	21.45	19.72
	50RB-High (50)	1745 (20300)	21.59	21.58	21.45	19.72
		1732.5 (20175)	21.64	21.64	21.57	19.73
		1720 (20050)	21.65	21.69	21.59	19.75
	50RB-Middle (25)	1745 (20300)	21.56	21.57	21.33	19.61
		1732.5 (20175)	21.58	21.61	21.45	19.72
		1720 (20050)	21.56	21.63	21.50	19.77
	50RB-Low (0)	1745 (20300)	21.56	21.57	21.34	19.62
		1732.5 (20175)	21.45	21.57	21.47	19.74
		1720 (20050)	21.48	21.55	21.41	19.68
	100RB (0)	1745 (20300)	21.54	21.59	21.31	19.59
		1732.5 (20175)	21.48	21.59	21.37	19.64
		1720 (20050)	21.59	21.62	21.46	19.73

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LTE Band4(ANT2 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	13.92	14.02	14.20	13.93
		1732.5 (20175)	13.93	14.24	14.12	14.16
		1710.7 (19957)	13.91	14.26	14.14	14.18
	1RB-Middle (3)	1754.3 (20393)	14.00	14.13	14.00	14.04
		1732.5 (20175)	14.04	14.03	13.91	13.95
		1710.7 (19957)	13.95	14.16	14.04	14.08
	1RB-Low (0)	1754.3 (20393)	13.92	14.22	14.10	14.14
		1732.5 (20175)	14.01	14.14	14.02	14.06
		1710.7 (19957)	13.85	13.94	14.12	14.16
	3RB-High (3)	1754.3 (20393)	13.96	14.20	14.08	14.11
		1732.5 (20175)	14.02	14.06	13.94	13.98
		1710.7 (19957)	14.00	13.92	14.10	14.13
	3RB-Middle (1)	1754.3 (20393)	13.91	13.96	14.14	14.18
		1732.5 (20175)	14.11	14.10	13.98	14.01
		1710.7 (19957)	13.98	13.96	14.14	14.18
	3RB-Low (0)	1754.3 (20393)	13.92	13.99	14.17	14.20
		1732.5 (20175)	14.02	13.98	14.16	14.19
		1710.7 (19957)	13.97	13.94	14.11	14.15
	6RB (0)	1754.3 (20393)	13.93	14.15	14.03	14.07
		1732.5 (20175)	14.04	13.91	14.09	14.12
		1710.7 (19957)	13.98	14.13	14.01	14.04
3MHz	1RB-High (14)	1753.5 (20385)	13.85	13.91	14.09	14.12
		1732.5 (20175)	13.93	14.22	14.10	14.14
		1711.5 (19965)	13.95	14.13	14.01	14.05
	1RB-Middle (7)	1753.5 (20385)	13.94	14.10	13.98	14.01
		1732.5 (20175)	14.04	14.13	14.00	14.04
		1711.5 (19965)	13.94	14.06	13.94	13.98
	1RB-Low (0)	1753.5 (20385)	13.87	14.22	14.09	14.13
		1732.5 (20175)	14.00	14.24	14.22	14.25
		1711.5 (19965)	13.89	14.16	14.04	14.08
	8RB-High (7)	1753.5 (20385)	14.00	14.13	14.01	14.04
		1732.5 (20175)	14.01	13.95	14.13	14.17
		1711.5 (19965)	14.04	14.15	14.02	14.06
	8RB-Middle (4)	1753.5 (20385)	14.02	14.15	14.03	14.07
		1732.5 (20175)	13.98	14.16	14.04	14.08
		1711.5 (19965)	14.03	14.20	14.08	14.11
	8RB-Low (0)	1753.5 (20385)	13.88	14.15	14.03	14.07
		1732.5 (20175)	13.89	14.20	14.08	14.11
		1711.5 (19965)	14.04	13.92	14.10	14.13
	15RB (0)	1753.5 (20385)	13.92	14.01	13.89	13.92
		1732.5 (20175)	13.97	14.11	13.99	14.02
		1711.5 (19965)	14.00	14.16	14.04	14.08

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5MHz	1RB-High (24)	1752.5 (20375)	13.92	14.15	14.03	14.07
		1732.5 (20175)	13.97	14.16	14.04	14.08
		1712.5 (19975)	13.95	14.21	14.09	14.12
	1RB-Middle (12)	1752.5 (20375)	13.99	14.22	14.28	14.30
		1732.5 (20175)	14.04	14.18	14.06	14.10
		1712.5 (19975)	13.99	14.17	14.05	14.09
	1RB-Low (0)	1752.5 (20375)	13.90	14.29	14.17	14.20
		1732.5 (20175)	13.85	14.28	14.16	14.19
		1712.5 (19975)	13.81	14.19	14.07	14.10
	12RB-High (13)	1752.5 (20375)	13.99	14.11	13.99	14.02
		1732.5 (20175)	14.04	14.19	14.07	14.10
		1712.5 (19975)	13.93	14.11	13.99	14.02
	12RB-Middle (6)	1752.5 (20375)	13.94	14.15	14.02	14.06
		1732.5 (20175)	13.99	14.16	14.04	14.08
		1712.5 (19975)	14.02	14.20	14.08	14.11
	12RB-Low (0)	1752.5 (20375)	13.98	14.15	14.03	14.07
		1732.5 (20175)	13.97	14.09	13.97	14.00
		1712.5 (19975)	13.97	14.15	14.02	14.06
	25RB (0)	1752.5 (20375)	13.94	14.05	13.93	13.97
		1732.5 (20175)	13.99	14.08	13.96	13.99
		1712.5 (19975)	14.01	14.08	13.96	13.99
10MHz	1RB-High (49)	1750 (20350)	13.87	14.13	14.01	14.05
		1732.5 (20175)	14.01	14.05	13.93	13.97
		1715 (20000)	13.99	14.13	14.00	14.04
	1RB-Middle (24)	1750 (20350)	13.96	14.04	13.92	13.96
		1732.5 (20175)	13.97	14.18	14.06	14.10
		1715 (20000)	14.01	14.25	14.13	14.17
	1RB-Low (0)	1750 (20350)	13.96	14.28	14.16	14.19
		1732.5 (20175)	13.92	14.12	14.00	14.03
		1715 (20000)	13.93	14.09	13.97	14.00
	25RB-High (25)	1750 (20350)	13.97	14.11	13.99	14.02
		1732.5 (20175)	14.08	14.14	14.01	14.05
		1715 (20000)	13.95	14.12	14.00	14.03
	25RB-Middle (12)	1750 (20350)	13.99	14.08	13.96	13.99
		1732.5 (20175)	14.05	14.19	14.07	14.10
		1715 (20000)	14.04	14.18	14.06	14.09
	25RB-Low (0)	1750 (20350)	13.91	14.06	13.94	13.98
		1732.5 (20175)	14.05	14.13	14.01	14.04
		1715 (20000)	13.97	14.06	13.94	13.98
	50RB (0)	1750 (20350)	13.93	14.00	13.88	13.91
		1732.5 (20175)	13.94	14.08	13.96	13.99
		1715 (20000)	14.04	14.13	14.01	14.04

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15MHz	1RB-High (74)	1747.5 (20325)	14.05	14.08	13.96	13.99
		1732.5 (20175)	13.99	14.04	13.92	13.96
		1717.5 (20025)	13.68	14.10	13.98	14.01
	1RB-Middle (37)	1747.5 (20325)	13.79	14.09	13.97	14.00
		1732.5 (20175)	13.81	13.91	14.09	14.12
		1717.5 (20025)	13.96	14.04	13.92	13.95
	1RB-Low (0)	1747.5 (20325)	13.82	14.12	14.00	14.03
		1732.5 (20175)	13.89	14.23	14.11	14.15
		1717.5 (20025)	13.73	14.01	14.19	13.92
	36RB-High (38)	1747.5 (20325)	13.90	14.04	13.92	13.95
		1732.5 (20175)	13.97	14.12	14.00	14.03
		1717.5 (20025)	13.90	14.11	13.99	14.02
	36RB-Middle (19)	1747.5 (20325)	13.90	13.95	13.83	13.86
		1732.5 (20175)	13.98	14.05	13.92	13.96
		1717.5 (20025)	13.91	14.07	13.95	13.98
	36RB-Low (0)	1747.5 (20325)	13.89	14.03	13.91	13.94
		1732.5 (20175)	13.96	14.05	13.93	13.97
		1717.5 (20025)	13.87	14.02	13.90	13.93
	75RB (0)	1747.5 (20325)	13.80	13.98	13.86	13.89
		1732.5 (20175)	13.87	14.02	13.90	13.93
		1717.5 (20025)	13.95	14.04	13.92	13.95
20MHz	1RB-High (99)	1745 (20300)	14.32	13.81	13.95	13.98
		1732.5 (20175)	14.22	13.92	13.91	13.94
		1720 (20050)	14.01	13.87	14.04	14.08
	1RB-Middle (50)	1745 (20300)	14.12	14.01	14.20	13.74
		1732.5 (20175)	13.97	13.87	14.03	14.07
		1720 (20050)	14.28	13.85	13.83	13.86
	1RB-Low (0)	1745 (20300)	14.12	14.00	14.12	14.16
		1732.5 (20175)	14.08	13.77	13.79	13.83
		1720 (20050)	14.07	13.91	13.92	13.96
	50RB-High (50)	1745 (20300)	14.25	13.73	13.92	13.96
		1732.5 (20175)	14.22	14.15	14.01	14.04
		1720 (20050)	14.19	14.20	14.02	14.06
	50RB-Middle (25)	1745 (20300)	14.18	14.20	13.84	13.88
		1732.5 (20175)	14.14	14.16	13.92	13.96
		1720 (20050)	14.18	13.71	13.96	13.99
	50RB-Low (0)	1745 (20300)	14.15	14.16	13.85	13.88
		1732.5 (20175)	14.13	14.20	13.94	13.98
		1720 (20050)	14.09	14.13	13.90	13.93
	100RB (0)	1745 (20300)	14.20	14.16	13.83	13.87
		1732.5 (20175)	14.15	14.16	13.87	13.90
		1720 (20050)	14.14	14.16	13.93	13.97

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LTE Band4(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	20.68	21.38	21.33	19.64
		1732.5 (20175)	20.69	21.21	21.21	19.97
		1710.7 (19957)	20.66	21.25	21.24	20.00
	1RB-Middle (3)	1754.3 (20393)	20.79	21.05	21.02	19.80
		1732.5 (20175)	20.85	21.39	21.38	19.67
		1710.7 (19957)	20.72	21.09	21.08	19.85
	1RB-Low (0)	1754.3 (20393)	20.68	21.18	21.18	19.94
		1732.5 (20175)	20.81	21.06	21.05	19.82
		1710.7 (19957)	20.57	21.26	21.21	19.97
	3RB-High (3)	1754.3 (20393)	20.73	21.15	21.14	19.90
		1732.5 (20175)	20.82	21.44	21.43	19.71
		1710.7 (19957)	20.79	21.23	21.18	19.92
	3RB-Middle (1)	1754.3 (20393)	20.66	21.29	21.24	20.00
		1732.5 (20175)	20.96	21.50	21.49	19.75
		1710.7 (19957)	20.76	21.29	21.24	20.00
	3RB-Low (0)	1754.3 (20393)	20.68	21.33	21.28	20.02
		1732.5 (20175)	20.82	21.32	21.27	20.01
		1710.7 (19957)	20.75	21.26	21.19	19.95
	6RB (0)	1754.3 (20393)	20.69	21.08	21.07	19.84
		1732.5 (20175)	20.85	21.21	21.16	19.91
		1710.7 (19957)	20.76	21.05	21.04	19.80
3MHz	1RB-High (14)	1753.5 (20385)	20.57	21.21	21.16	19.91
		1732.5 (20175)	20.69	21.18	21.18	19.94
		1711.5 (19965)	20.72	21.05	21.04	19.81
	1RB-Middle (7)	1753.5 (20385)	20.71	21.50	21.49	19.75
		1732.5 (20175)	20.85	21.05	21.02	19.80
		1711.5 (19965)	20.71	21.44	21.43	19.71
	1RB-Low (0)	1753.5 (20385)	20.60	21.18	21.16	19.92
		1732.5 (20175)	20.79	21.21	21.36	20.10
		1711.5 (19965)	20.63	21.09	21.08	19.85
	8RB-High (7)	1753.5 (20385)	20.79	21.05	21.04	19.80
		1732.5 (20175)	20.81	21.27	21.22	19.98
		1711.5 (19965)	20.85	21.08	21.05	19.82
	8RB-Middle (4)	1753.5 (20385)	20.82	21.08	21.07	19.84
		1732.5 (20175)	20.76	21.09	21.08	19.85
		1711.5 (19965)	20.84	21.15	21.14	19.90
	8RB-Low (0)	1753.5 (20385)	20.62	21.08	21.07	19.84
		1732.5 (20175)	20.63	21.15	21.14	19.90
		1711.5 (19965)	20.85	21.23	21.18	19.92
	15RB (0)	1753.5 (20385)	20.68	21.36	21.35	19.63
		1732.5 (20175)	20.75	21.02	21.01	19.77
		1711.5 (19965)	20.79	21.09	21.08	19.85

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5MHz	1RB-High (24)	1752.5 (20375)	20.68	21.08	21.07	19.84
		1732.5 (20175)	20.75	21.09	21.08	19.85
		1712.5 (19975)	20.72	21.17	21.16	19.91
	1RB-Middle (12)	1752.5 (20375)	20.78	21.18	21.45	20.17
		1732.5 (20175)	20.85	21.12	21.11	19.88
		1712.5 (19975)	20.78	21.11	21.10	19.87
	1RB-Low (0)	1752.5 (20375)	20.65	21.29	21.28	20.02
		1732.5 (20175)	20.57	21.28	21.27	20.01
		1712.5 (19975)	20.51	21.14	21.13	19.88
	12RB-High (13)	1752.5 (20375)	20.78	21.02	21.01	19.77
		1732.5 (20175)	20.85	21.14	21.13	19.88
		1712.5 (19975)	20.69	21.02	21.01	19.77
	12RB-Middle (6)	1752.5 (20375)	20.71	21.08	21.05	19.82
		1732.5 (20175)	20.78	21.09	21.08	19.85
		1712.5 (19975)	20.82	21.15	21.14	19.90
	12RB-Low (0)	1752.5 (20375)	20.76	21.08	21.07	19.84
		1732.5 (20175)	20.75	21.49	21.48	19.74
		1712.5 (19975)	20.75	21.08	21.05	19.82
	25RB (0)	1752.5 (20375)	20.71	21.42	21.41	19.70
		1732.5 (20175)	20.78	21.47	21.46	19.73
		1712.5 (19975)	20.81	21.47	21.46	19.73
10MHz	1RB-High (49)	1750 (20350)	20.60	21.05	21.04	19.81
		1732.5 (20175)	20.81	21.42	21.41	19.70
		1715 (20000)	20.78	21.05	21.02	19.80
	1RB-Middle (24)	1750 (20350)	20.73	21.41	21.40	19.68
		1732.5 (20175)	20.75	21.12	21.11	19.88
		1715 (20000)	20.81	21.23	21.22	19.98
	1RB-Low (0)	1750 (20350)	20.73	21.28	21.27	20.01
		1732.5 (20175)	20.68	21.03	21.02	19.78
		1715 (20000)	20.69	21.49	21.48	19.74
	25RB-High (25)	1750 (20350)	20.75	21.02	21.01	19.77
		1732.5 (20175)	20.91	21.06	21.04	19.81
		1715 (20000)	20.72	21.03	21.02	19.78
	25RB-Middle (12)	1750 (20350)	20.78	21.47	21.46	19.73
		1732.5 (20175)	20.87	21.14	21.13	19.88
		1715 (20000)	20.85	21.12	21.11	19.87
	25RB-Low (0)	1750 (20350)	20.66	21.44	21.43	19.71
		1732.5 (20175)	20.87	21.05	21.04	19.80
		1715 (20000)	20.75	21.44	21.43	19.71
	50RB (0)	1750 (20350)	20.69	21.35	21.34	19.61
		1732.5 (20175)	20.71	21.47	21.46	19.73
		1715 (20000)	20.85	21.05	21.04	19.80

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15MHz	1RB-High (74)	1747.5 (20325)	20.87	21.47	21.46	19.73
		1732.5 (20175)	20.78	21.41	21.40	19.68
		1717.5 (20025)	20.32	21.50	21.49	19.75
	1RB-Middle (37)	1747.5 (20325)	20.48	21.49	21.48	19.74
		1732.5 (20175)	20.51	21.21	21.16	19.91
		1717.5 (20025)	20.73	21.41	21.40	19.67
	1RB-Low (0)	1747.5 (20325)	20.53	21.03	21.02	19.78
		1732.5 (20175)	20.63	21.20	21.19	19.95
		1717.5 (20025)	20.39	21.36	21.31	19.63
	36RB-High (38)	1747.5 (20325)	20.65	21.41	21.40	19.67
		1732.5 (20175)	20.75	21.03	21.02	19.78
		1717.5 (20025)	20.65	21.02	21.01	19.77
	36RB-Middle (19)	1747.5 (20325)	20.65	21.27	21.26	19.54
		1732.5 (20175)	20.76	21.42	21.40	19.68
		1717.5 (20025)	20.66	21.46	21.44	19.71
	36RB-Low (0)	1747.5 (20325)	20.63	21.39	21.38	19.65
		1732.5 (20175)	20.73	21.42	21.41	19.70
		1717.5 (20025)	20.60	21.38	21.37	19.64
	75RB (0)	1747.5 (20325)	20.50	21.32	21.31	19.58
		1732.5 (20175)	20.60	21.38	21.37	19.64
		1717.5 (20025)	20.72	21.41	21.40	19.67
20MHz	1RB-High (99)	1745 (20300)	20.94	21.11	21.44	19.71
		1732.5 (20175)	20.95	21.41	21.38	19.65
		1720 (20050)	20.96	21.44	21.08	19.85
	1RB-Middle (50)	1745 (20300)	20.95	21.36	21.33	19.37
		1732.5 (20175)	20.88	21.19	21.07	19.84
		1720 (20050)	20.79	21.27	21.26	19.54
	1RB-Low (0)	1745 (20300)	20.89	21.45	21.21	19.97
		1732.5 (20175)	21.21	21.12	21.20	19.50
		1720 (20050)	20.76	21.30	21.40	19.68
	50RB-High (50)	1745 (20300)	21.10	21.13	21.40	19.68
		1732.5 (20175)	21.14	21.11	21.04	19.80
		1720 (20050)	21.08	21.12	21.05	19.82
	50RB-Middle (25)	1745 (20300)	21.00	21.01	21.28	19.57
		1732.5 (20175)	21.11	21.06	21.40	19.68
		1720 (20050)	21.11	21.19	21.46	19.73
	50RB-Low (0)	1745 (20300)	21.08	21.11	21.29	19.57
		1732.5 (20175)	21.09	21.11	21.43	19.71
		1720 (20050)	20.99	21.07	21.37	19.64
	100RB (0)	1745 (20300)	21.01	21.10	21.26	19.55
		1732.5 (20175)	20.95	21.02	21.32	19.60
		1720 (20050)	21.09	21.05	21.41	19.70

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LTE Band4(ANT3 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	24.06	23.42	22.36	19.47
		1732.5 (20175)	24.03	23.53	21.97	19.13
		1710.7 (19957)	24.12	23.42	22.35	19.46
	1RB-Middle (3)	1754.3 (20393)	24.12	23.29	22.54	19.63
		1732.5 (20175)	24.23	23.44	22.30	19.42
		1710.7 (19957)	24.18	23.57	22.35	19.46
	1RB-Low (0)	1754.3 (20393)	24.13	23.61	22.30	19.42
		1732.5 (20175)	24.03	23.51	22.27	19.40
		1710.7 (19957)	24.10	23.38	22.23	19.36
	3RB-High (3)	1754.3 (20393)	24.27	23.25	22.14	19.28
		1732.5 (20175)	24.11	23.32	22.18	19.32
		1710.7 (19957)	24.24	23.29	22.21	19.34
	3RB-Middle (1)	1754.3 (20393)	24.09	23.24	22.26	19.39
		1732.5 (20175)	24.13	23.41	22.25	19.38
		1710.7 (19957)	24.16	23.24	22.23	19.36
	3RB-Low (0)	1754.3 (20393)	24.22	23.27	22.32	19.44
		1732.5 (20175)	24.18	23.26	22.30	19.42
		1710.7 (19957)	24.19	23.30	22.32	19.44
	6RB (0)	1754.3 (20393)	23.11	22.24	21.16	19.18
		1732.5 (20175)	23.09	22.11	21.14	19.17
		1710.7 (19957)	23.13	22.11	21.17	19.19
3MHz	1RB-High (14)	1753.5 (20385)	23.98	23.37	22.24	19.37
		1732.5 (20175)	24.03	23.37	22.21	19.34
		1711.5 (19965)	24.05	23.50	22.13	19.27
	1RB-Middle (7)	1753.5 (20385)	24.23	23.49	22.44	19.54
		1732.5 (20175)	24.14	23.56	22.24	19.37
		1711.5 (19965)	24.11	23.48	22.41	19.52
	1RB-Low (0)	1753.5 (20385)	24.16	23.50	22.28	19.40
		1732.5 (20175)	24.20	23.40	22.16	19.30
		1711.5 (19965)	24.06	23.38	22.08	19.23
	8RB-High (7)	1753.5 (20385)	23.17	22.23	21.21	19.23
		1732.5 (20175)	23.14	22.10	21.11	19.14
		1711.5 (19965)	23.12	22.19	21.14	19.17
	8RB-Middle (4)	1753.5 (20385)	23.09	22.20	21.13	19.16
		1732.5 (20175)	23.14	22.28	21.20	19.22
		1711.5 (19965)	23.17	22.31	21.28	19.29
	8RB-Low (0)	1753.5 (20385)	23.07	22.13	21.07	19.10
		1732.5 (20175)	22.98	22.03	20.99	19.03
		1711.5 (19965)	23.12	22.24	21.21	19.23
	15RB (0)	1753.5 (20385)	23.06	22.12	21.09	19.12
		1732.5 (20175)	23.15	22.16	21.13	19.16
		1711.5 (19965)	23.16	22.17	21.12	19.15

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5MHz	1RB-High (24)	1752.5 (20375)	24.09	23.50	22.20	19.33
		1732.5 (20175)	24.03	23.45	22.04	19.19
		1712.5 (19975)	24.08	23.59	22.17	19.31
	1RB-Middle (12)	1752.5 (20375)	24.22	23.35	22.38	19.49
		1732.5 (20175)	24.12	23.43	22.25	19.38
		1712.5 (19975)	24.18	23.50	22.49	19.59
	1RB-Low (0)	1752.5 (20375)	24.02	23.25	22.05	19.20
		1732.5 (20175)	23.99	23.48	22.08	19.23
		1712.5 (19975)	24.02	23.52	22.28	19.40
	12RB-High (13)	1752.5 (20375)	23.24	22.21	21.22	19.24
		1732.5 (20175)	23.18	22.16	21.14	19.17
		1712.5 (19975)	23.10	22.20	21.17	19.19
	12RB-Middle (6)	1752.5 (20375)	23.16	22.27	21.33	19.34
		1732.5 (20175)	22.98	21.98	21.16	19.18
		1712.5 (19975)	23.22	22.29	21.23	19.25
	12RB-Low (0)	1752.5 (20375)	23.10	22.30	21.11	19.14
		1732.5 (20175)	23.08	22.03	21.16	19.18
		1712.5 (19975)	23.21	22.25	21.19	19.21
	25RB (0)	1752.5 (20375)	23.23	22.20	21.23	19.25
		1732.5 (20175)	23.16	22.18	21.11	19.14
		1712.5 (19975)	23.15	22.13	21.15	19.18
10MHz	1RB-High (49)	1750 (20350)	24.16	23.66	22.32	19.44
		1732.5 (20175)	24.07	23.49	22.27	19.40
		1715 (20000)	24.12	23.60	22.30	19.42
	1RB-Middle (24)	1750 (20350)	24.10	23.36	22.28	19.40
		1732.5 (20175)	24.06	23.33	22.18	19.32
		1715 (20000)	24.09	23.36	22.20	19.33
	1RB-Low (0)	1750 (20350)	24.04	23.45	22.35	19.46
		1732.5 (20175)	24.00	23.57	22.38	19.49
		1715 (20000)	24.06	23.61	22.29	19.41
	25RB-High (25)	1750 (20350)	23.22	22.23	21.31	19.32
		1732.5 (20175)	23.13	22.17	21.24	19.26
		1715 (20000)	23.16	22.16	21.23	19.25
	25RB-Middle (12)	1750 (20350)	23.09	22.20	21.17	19.19
		1732.5 (20175)	23.05	22.04	21.05	19.08
		1715 (20000)	23.24	22.21	21.21	19.23
	25RB-Low (0)	1750 (20350)	23.14	22.14	21.09	19.12
		1732.5 (20175)	23.15	22.14	21.18	19.20
		1715 (20000)	23.12	22.13	21.17	19.19
	50RB (0)	1750 (20350)	23.14	22.02	21.21	19.23
		1732.5 (20175)	23.18	22.13	21.18	19.20
		1715 (20000)	23.15	22.20	21.10	19.13

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15MHz	1RB-High (74)	1747.5 (20325)	23.91	23.40	22.30	19.42
		1732.5 (20175)	23.93	23.58	21.97	19.13
		1717.5 (20025)	24.13	23.41	22.11	19.26
	1RB-Middle (37)	1747.5 (20325)	24.02	23.21	22.27	19.40
		1732.5 (20175)	23.90	23.45	22.16	19.30
		1717.5 (20025)	24.14	23.17	22.04	19.19
	1RB-Low (0)	1747.5 (20325)	23.96	23.19	21.94	19.11
		1732.5 (20175)	24.11	23.08	22.20	19.33
		1717.5 (20025)	23.82	23.31	22.10	19.25
	36RB-High (38)	1747.5 (20325)	23.05	22.14	21.00	19.04
		1732.5 (20175)	23.05	22.15	21.07	19.10
		1717.5 (20025)	23.08	22.00	21.04	19.08
	36RB-Middle (19)	1747.5 (20325)	23.01	22.02	21.06	19.09
		1732.5 (20175)	22.93	21.97	20.92	18.97
		1717.5 (20025)	23.09	22.07	21.08	19.11
	36RB-Low (0)	1747.5 (20325)	22.93	21.96	21.03	19.07
		1732.5 (20175)	22.94	22.03	20.97	19.01
		1717.5 (20025)	23.01	21.99	21.01	19.05
	75RB (0)	1747.5 (20325)	23.00	22.09	20.95	18.99
		1732.5 (20175)	23.01	22.01	21.02	19.06
		1717.5 (20025)	23.05	22.10	21.03	19.07
20MHz	1RB-High (99)	1745 (20300)	23.96	23.26	22.05	19.20
		1732.5 (20175)	24.15	23.23	22.22	19.35
		1720 (20050)	23.97	23.53	22.13	19.27
	1RB-Middle (50)	1745 (20300)	24.00	23.00	22.35	19.46
		1732.5 (20175)	23.89	23.22	22.22	19.35
		1720 (20050)	24.21	23.34	22.00	19.16
	1RB-Low (0)	1745 (20300)	23.98	22.97	22.18	19.32
		1732.5 (20175)	23.98	23.13	22.12	19.26
		1720 (20050)	23.99	23.31	22.05	19.20
	50RB-High (50)	1745 (20300)	23.06	22.14	20.92	18.97
		1732.5 (20175)	23.09	21.99	21.03	19.07
		1720 (20050)	23.10	22.07	20.99	19.03
	50RB-Middle (25)	1745 (20300)	23.04	22.04	21.02	19.06
		1732.5 (20175)	23.05	22.03	21.03	19.07
		1720 (20050)	23.00	22.11	21.09	19.12
	50RB-Low (0)	1745 (20300)	22.99	22.01	20.92	18.97
		1732.5 (20175)	22.96	22.06	20.97	19.01
		1720 (20050)	22.96	21.98	21.08	19.11
	100RB (0)	1745 (20300)	23.05	22.02	21.01	19.05
		1732.5 (20175)	23.09	22.06	21.09	19.12
		1720 (20050)	23.11	22.03	21.03	19.07

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LTE Band4(ANT3 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	16.09	16.39	16.26	16.16
		1732.5 (20175)	16.10	16.64	16.51	16.41
		1710.7 (19957)	16.08	16.66	16.53	16.43
	1RB-Middle (3)	1754.3 (20393)	16.18	16.51	16.38	16.28
		1732.5 (20175)	16.22	16.41	16.28	16.18
		1710.7 (19957)	16.12	16.55	16.42	16.32
	1RB-Low (0)	1754.3 (20393)	16.09	16.62	16.49	16.39
		1732.5 (20175)	16.19	16.53	16.40	16.30
		1710.7 (19957)	16.01	16.31	16.18	16.08
	3RB-High (3)	1754.3 (20393)	16.13	16.26	16.13	16.03
		1732.5 (20175)	16.20	16.44	16.31	16.21
		1710.7 (19957)	16.18	16.28	16.15	16.05
	3RB-Middle (1)	1754.3 (20393)	16.08	16.33	16.20	16.10
		1732.5 (20175)	16.31	16.48	16.35	16.25
		1710.7 (19957)	16.16	16.33	16.20	16.10
	3RB-Low (0)	1754.3 (20393)	16.09	16.36	16.23	16.13
		1732.5 (20175)	16.20	16.35	16.22	16.12
		1710.7 (19957)	16.15	16.30	16.17	16.07
	6RB (0)	1754.3 (20393)	16.10	16.21	16.08	15.98
		1732.5 (20175)	16.22	16.27	16.14	16.04
		1710.7 (19957)	16.16	16.18	16.05	15.95
3MHz	1RB-High (14)	1753.5 (20385)	16.00	16.27	16.14	16.04
		1732.5 (20175)	16.10	16.62	16.49	16.39
		1711.5 (19965)	16.12	16.52	16.39	16.29
	1RB-Middle (7)	1753.5 (20385)	16.11	16.48	16.35	16.25
		1732.5 (20175)	16.22	16.51	16.38	16.28
		1711.5 (19965)	16.11	16.44	16.31	16.21
	1RB-Low (0)	1753.5 (20385)	16.03	16.61	16.48	16.38
		1732.5 (20175)	16.18	16.75	16.62	16.51
		1711.5 (19965)	16.05	16.55	16.42	16.32
	8RB-High (7)	1753.5 (20385)	16.18	16.18	16.05	15.95
		1732.5 (20175)	16.19	16.32	16.19	16.09
		1711.5 (19965)	16.23	16.20	16.07	15.97
	8RB-Middle (4)	1753.5 (20385)	16.20	16.21	16.08	15.98
		1732.5 (20175)	16.16	16.22	16.09	15.99
		1711.5 (19965)	16.21	16.26	16.13	16.03
	8RB-Low (0)	1753.5 (20385)	16.04	16.21	16.08	15.98
		1732.5 (20175)	16.05	16.26	16.13	16.03
		1711.5 (19965)	16.22	16.28	16.15	16.05
	15RB (0)	1753.5 (20385)	16.09	16.05	15.92	15.82
		1732.5 (20175)	16.15	16.16	16.03	15.93
		1711.5 (19965)	16.18	16.22	16.09	15.99

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5MHz	1RB-High (24)	1752.5 (20375)	16.09	16.54	16.41	16.31
		1732.5 (20175)	16.14	16.55	16.42	16.32
		1712.5 (19975)	16.12	16.60	16.47	16.37
	1RB-Middle (12)	1752.5 (20375)	16.17	16.61	16.68	16.57
		1732.5 (20175)	16.22	16.57	16.44	16.34
		1712.5 (19975)	16.17	16.56	16.43	16.33
	1RB-Low (0)	1752.5 (20375)	16.06	16.69	16.56	16.45
		1732.5 (20175)	16.01	16.68	16.55	16.44
		1712.5 (19975)	15.96	16.58	16.45	16.35
	12RB-High (13)	1752.5 (20375)	16.17	16.16	16.03	15.93
		1732.5 (20175)	16.22	16.25	16.12	16.02
		1712.5 (19975)	16.10	16.16	16.03	15.93
	12RB-Middle (6)	1752.5 (20375)	16.11	16.20	16.07	15.97
		1732.5 (20175)	16.17	16.22	16.09	15.99
		1712.5 (19975)	16.20	16.26	16.13	16.03
	12RB-Low (0)	1752.5 (20375)	16.16	16.21	16.08	15.98
		1732.5 (20175)	16.14	16.14	16.01	15.91
		1712.5 (19975)	16.15	16.20	16.07	15.97
	25RB (0)	1752.5 (20375)	16.11	16.10	15.97	15.87
		1732.5 (20175)	16.17	16.13	16.00	15.90
		1712.5 (19975)	16.19	16.13	16.00	15.90
10MHz	1RB-High (49)	1750 (20350)	16.03	16.52	16.39	16.29
		1732.5 (20175)	16.19	16.43	16.30	16.20
		1715 (20000)	16.17	16.51	16.38	16.28
	1RB-Middle (24)	1750 (20350)	16.13	16.42	16.29	16.19
		1732.5 (20175)	16.15	16.57	16.44	16.34
		1715 (20000)	16.19	16.65	16.52	16.42
	1RB-Low (0)	1750 (20350)	16.13	16.68	16.55	16.44
		1732.5 (20175)	16.09	16.50	16.37	16.27
		1715 (20000)	16.10	16.47	16.34	16.24
	25RB-High (25)	1750 (20350)	16.14	16.16	16.03	15.93
		1732.5 (20175)	16.27	16.19	16.06	15.96
		1715 (20000)	16.12	16.17	16.04	15.94
	25RB-Middle (12)	1750 (20350)	16.17	16.13	16.00	15.90
		1732.5 (20175)	16.24	16.25	16.12	16.02
		1715 (20000)	16.22	16.24	16.11	16.01
	25RB-Low (0)	1750 (20350)	16.08	16.11	15.98	15.88
		1732.5 (20175)	16.24	16.18	16.05	15.95
		1715 (20000)	16.14	16.11	15.98	15.88
	50RB (0)	1750 (20350)	16.10	16.04	15.91	15.81
		1732.5 (20175)	16.11	16.13	16.00	15.90
		1715 (20000)	16.22	16.18	16.05	15.95

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15MHz	1RB-High (74)	1747.5 (20325)	16.24	16.46	16.33	16.23
		1732.5 (20175)	16.17	16.42	16.29	16.19
		1717.5 (20025)	15.81	16.15	16.02	15.92
	1RB-Middle (37)	1747.5 (20325)	15.94	16.47	16.34	16.24
		1732.5 (20175)	15.96	16.27	16.14	16.04
		1717.5 (20025)	16.13	16.08	15.95	15.85
	1RB-Low (0)	1747.5 (20325)	15.97	16.17	16.04	15.94
		1732.5 (20175)	16.05	16.63	16.50	16.40
		1717.5 (20025)	15.87	16.38	16.25	16.15
	36RB-High (38)	1747.5 (20325)	16.06	16.08	15.95	15.85
		1732.5 (20175)	16.14	16.17	16.04	15.94
		1717.5 (20025)	16.06	16.16	16.03	15.93
	36RB-Middle (19)	1747.5 (20325)	16.06	15.98	15.85	15.75
		1732.5 (20175)	16.16	16.09	15.96	15.86
		1717.5 (20025)	16.08	16.12	15.99	15.89
	36RB-Low (0)	1747.5 (20325)	16.05	16.07	15.94	15.84
		1732.5 (20175)	16.13	16.10	15.97	15.87
		1717.5 (20025)	16.03	16.06	15.93	15.83
	75RB (0)	1747.5 (20325)	15.95	16.02	15.89	15.79
		1732.5 (20175)	16.03	16.06	15.93	15.83
		1717.5 (20025)	16.12	16.08	15.95	15.85
20MHz	1RB-High (99)	1745 (20300)	16.11	16.12	15.99	15.89
		1732.5 (20175)	16.02	16.07	15.94	15.84
		1720 (20050)	16.02	16.22	16.09	15.99
	1RB-Middle (50)	1745 (20300)	15.97	15.84	15.71	15.62
		1732.5 (20175)	16.07	16.21	16.08	15.98
		1720 (20050)	15.90	15.98	15.85	15.75
	1RB-Low (0)	1745 (20300)	16.20	16.31	16.18	16.08
		1732.5 (20175)	16.26	15.94	15.81	15.72
		1720 (20050)	15.93	16.09	15.96	15.86
	50RB-High (50)	1745 (20300)	16.07	16.09	15.96	15.86
		1732.5 (20175)	16.09	16.18	16.05	15.95
		1720 (20050)	16.11	16.20	16.07	15.97
	50RB-Middle (25)	1745 (20300)	16.01	16.00	15.87	15.77
		1732.5 (20175)	16.11	16.09	15.96	15.86
		1720 (20050)	16.09	16.13	16.00	15.90
	50RB-Low (0)	1745 (20300)	16.08	16.01	15.88	15.78
		1732.5 (20175)	16.05	16.11	15.98	15.88
		1720 (20050)	16.04	16.06	15.93	15.83
	100RB (0)	1745 (20300)	16.03	15.99	15.86	15.76
		1732.5 (20175)	16.04	16.03	15.90	15.80
		1720 (20050)	16.13	16.10	15.97	15.87

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LTE Band4(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	22.32	22.63	22.59	19.34
		1732.5 (20175)	22.14	22.62	22.62	19.00
		1710.7 (19957)	22.21	22.43	22.62	19.33
	1RB-Middle (3)	1754.3 (20393)	22.32	22.60	22.54	19.40
		1732.5 (20175)	22.30	22.41	22.58	19.29
		1710.7 (19957)	22.31	22.57	22.70	19.33
	1RB-Low (0)	1754.3 (20393)	22.32	22.49	22.55	19.29
		1732.5 (20175)	22.23	22.57	22.66	19.27
		1710.7 (19957)	22.23	22.63	22.68	19.22
	3RB-High (3)	1754.3 (20393)	22.30	22.48	22.40	19.14
		1732.5 (20175)	22.33	22.32	22.56	19.18
		1710.7 (19957)	22.25	22.48	22.61	19.20
	3RB-Middle (1)	1754.3 (20393)	22.33	22.44	22.63	19.26
		1732.5 (20175)	22.36	22.41	22.72	19.24
		1710.7 (19957)	22.24	22.37	22.61	19.22
	3RB-Low (0)	1754.3 (20393)	22.30	22.48	22.69	19.31
		1732.5 (20175)	22.41	22.48	22.64	19.29
		1710.7 (19957)	22.18	22.45	22.67	19.31
	6RB (0)	1754.3 (20393)	22.23	21.98	21.25	19.34
		1732.5 (20175)	22.34	21.86	21.40	19.33
		1710.7 (19957)	22.21	21.83	21.30	19.35
3MHz	1RB-High (14)	1753.5 (20385)	22.24	22.57	22.60	19.23
		1732.5 (20175)	22.32	22.61	22.47	19.20
		1711.5 (19965)	22.07	22.45	22.41	19.13
	1RB-Middle (7)	1753.5 (20385)	22.35	22.56	22.62	19.41
		1732.5 (20175)	22.35	22.67	22.66	19.23
		1711.5 (19965)	22.29	22.45	22.59	19.39
	1RB-Low (0)	1753.5 (20385)	22.29	22.67	22.61	19.27
		1732.5 (20175)	22.37	22.43	22.79	19.16
		1711.5 (19965)	22.09	22.60	22.65	19.10
	8RB-High (7)	1753.5 (20385)	22.37	22.00	21.39	19.39
		1732.5 (20175)	22.39	21.99	21.39	19.30
		1711.5 (19965)	22.29	21.90	21.35	19.33
	8RB-Middle (4)	1753.5 (20385)	22.45	22.08	21.31	19.32
		1732.5 (20175)	22.36	21.94	21.25	19.38
		1711.5 (19965)	22.31	21.84	21.40	19.45
	8RB-Low (0)	1753.5 (20385)	22.40	21.90	21.23	19.26
		1732.5 (20175)	22.25	21.86	21.25	19.19
		1711.5 (19965)	22.27	21.82	21.37	19.39
	15RB (0)	1753.5 (20385)	22.32	21.80	21.25	19.28
		1732.5 (20175)	22.26	21.80	21.26	19.32
		1711.5 (19965)	22.28	21.82	21.29	19.31

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5MHz	1RB-High (24)	1752.5 (20375)	22.32	22.47	22.52	19.19
		1732.5 (20175)	22.30	22.55	22.61	19.06
		1712.5 (19975)	22.11	22.21	22.46	19.17
	1RB-Middle (12)	1752.5 (20375)	22.59	22.69	22.59	19.36
		1732.5 (20175)	22.31	22.49	22.61	19.24
		1712.5 (19975)	22.19	22.04	22.51	19.46
	1RB-Low (0)	1752.5 (20375)	22.16	22.60	22.47	19.07
		1732.5 (20175)	22.23	22.61	22.54	19.10
		1712.5 (19975)	22.19	22.01	22.58	19.27
	12RB-High (13)	1752.5 (20375)	22.34	21.69	21.40	19.11
		1732.5 (20175)	22.36	21.84	21.38	19.04
		1712.5 (19975)	22.11	21.47	21.30	19.06
	12RB-Middle (6)	1752.5 (20375)	22.47	21.41	21.41	19.20
		1732.5 (20175)	22.31	21.82	21.38	19.34
		1712.5 (19975)	21.82	21.47	21.24	19.41
	12RB-Low (0)	1752.5 (20375)	22.31	21.33	21.39	19.30
		1732.5 (20175)	22.24	21.94	21.27	19.34
		1712.5 (19975)	22.19	21.46	21.27	19.37
	25RB (0)	1752.5 (20375)	22.43	21.41	21.32	19.41
		1732.5 (20175)	22.28	21.72	21.27	19.30
		1712.5 (19975)	22.23	21.52	21.26	19.34
10MHz	1RB-High (49)	1750 (20350)	22.40	22.59	22.55	19.31
		1732.5 (20175)	22.28	22.60	22.69	19.27
		1715 (20000)	22.41	21.57	22.62	19.29
	1RB-Middle (24)	1750 (20350)	22.28	22.59	22.45	19.27
		1732.5 (20175)	22.40	22.56	22.49	19.18
		1715 (20000)	22.31	22.26	22.55	19.19
	1RB-Low (0)	1750 (20350)	22.40	22.55	22.53	19.33
		1732.5 (20175)	22.24	22.61	22.66	19.36
		1715 (20000)	22.06	22.16	22.67	19.28
	25RB-High (25)	1750 (20350)	22.35	21.36	21.42	19.18
		1732.5 (20175)	22.38	21.98	21.31	19.42
		1715 (20000)	21.78	21.39	21.30	19.41
	25RB-Middle (12)	1750 (20350)	21.62	21.33	21.23	19.35
		1732.5 (20175)	22.42	21.80	21.24	19.24
		1715 (20000)	21.42	21.35	21.31	19.39
	25RB-Low (0)	1750 (20350)	21.68	21.43	21.19	19.28
		1732.5 (20175)	22.23	21.80	21.27	19.36
		1715 (20000)	21.90	21.44	21.23	19.35
	50RB (0)	1750 (20350)	21.48	21.41	21.28	19.39
		1732.5 (20175)	22.26	21.53	21.20	19.36
		1715 (20000)	21.45	21.62	21.29	19.29

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15MHz	1RB-High (74)	1747.5 (20325)	22.38	22.62	22.60	19.29
		1732.5 (20175)	22.26	22.60	22.69	19.29
		1717.5 (20025)	22.34	22.43	22.80	19.42
	1RB-Middle (37)	1747.5 (20325)	22.14	22.56	22.69	19.27
		1732.5 (20175)	22.20	22.47	22.74	19.46
		1717.5 (20025)	22.22	22.44	22.57	19.35
	1RB-Low (0)	1747.5 (20325)	22.26	22.42	22.77	19.27
		1732.5 (20175)	22.15	22.45	22.71	19.29
		1717.5 (20025)	21.99	22.33	22.60	19.41
	36RB-High (38)	1747.5 (20325)	22.37	21.82	21.26	19.20
		1732.5 (20175)	22.31	21.79	21.35	19.26
		1717.5 (20025)	22.27	21.75	21.21	19.24
	36RB-Middle (19)	1747.5 (20325)	22.31	21.79	21.21	19.25
		1732.5 (20175)	22.17	21.71	21.09	19.13
		1717.5 (20025)	22.23	21.79	21.18	19.27
	36RB-Low (0)	1747.5 (20325)	21.97	21.77	21.20	19.23
		1732.5 (20175)	22.18	21.76	21.12	19.17
		1717.5 (20025)	22.21	21.76	21.12	19.21
	75RB (0)	1747.5 (20325)	21.58	21.78	21.10	19.14
		1732.5 (20175)	22.28	21.67	21.19	19.22
		1717.5 (20025)	22.21	21.83	21.21	19.23
20MHz	1RB-High (99)	1745 (20300)	22.25	22.50	22.62	19.36
		1732.5 (20175)	22.28	22.49	22.71	19.21
		1720 (20050)	22.59	22.07	22.63	19.13
	1RB-Middle (50)	1745 (20300)	22.08	22.50	22.63	19.33
		1732.5 (20175)	22.32	22.49	22.56	19.21
		1720 (20050)	22.15	22.40	22.45	19.03
	1RB-Low (0)	1745 (20300)	22.28	22.43	22.39	19.18
		1732.5 (20175)	22.22	22.13	22.41	19.42
		1720 (20050)	22.06	22.25	22.34	19.36
	50RB-High (50)	1745 (20300)	22.28	21.71	21.25	19.13
		1732.5 (20175)	22.28	21.79	21.26	19.23
		1720 (20050)	22.29	21.80	21.28	19.19
	50RB-Middle (25)	1745 (20300)	22.23	21.60	21.18	19.22
		1732.5 (20175)	22.21	21.70	21.23	19.23
		1720 (20050)	22.16	21.67	21.23	19.28
	50RB-Low (0)	1745 (20300)	21.41	21.36	21.13	19.13
		1732.5 (20175)	22.13	21.57	21.21	19.17
		1720 (20050)	22.07	21.62	21.12	19.27
	100RB (0)	1745 (20300)	21.49	21.35	21.08	19.21
		1732.5 (20175)	22.10	21.71	21.18	19.28
		1720 (20050)	22.15	21.45	21.23	19.23

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LTE Band4(ANT4 DSI 2/5/12/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	24.38	23.77	22.54	19.47
		1732.5 (20175)	24.41	23.56	22.57	19.12
		1710.7 (19957)	24.21	23.58	22.57	19.46
	1RB-Middle (3)	1754.3 (20393)	24.55	23.78	22.49	19.53
		1732.5 (20175)	24.66	23.68	22.53	19.42
		1710.7 (19957)	24.30	23.68	22.65	19.46
	1RB-Low (0)	1754.3 (20393)	24.37	23.71	22.50	19.42
		1732.5 (20175)	24.38	23.63	22.61	19.40
		1710.7 (19957)	24.35	23.72	22.63	19.35
	3RB-High (3)	1754.3 (20393)	24.51	23.50	22.35	19.27
		1732.5 (20175)	24.48	23.77	22.51	19.31
		1710.7 (19957)	24.36	23.45	22.31	19.33
	3RB-Middle (1)	1754.3 (20393)	24.36	23.50	22.33	19.39
		1732.5 (20175)	24.40	23.62	22.42	19.37
		1710.7 (19957)	24.39	23.54	22.31	19.35
	3RB-Low (0)	1754.3 (20393)	24.50	23.54	22.39	19.44
		1732.5 (20175)	24.48	23.70	22.34	19.42
		1710.7 (19957)	24.32	23.49	22.37	19.44
	6RB (0)	1754.3 (20393)	23.47	22.42	21.45	19.47
		1732.5 (20175)	23.49	22.54	21.60	19.46
		1710.7 (19957)	23.39	22.48	21.50	19.48
3MHz	1RB-High (14)	1753.5 (20385)	24.35	23.76	22.55	19.36
		1732.5 (20175)	24.28	23.62	22.42	19.33
		1711.5 (19965)	24.28	23.67	22.36	19.26
	1RB-Middle (7)	1753.5 (20385)	24.45	23.63	22.57	19.54
		1732.5 (20175)	24.54	23.76	22.61	19.36
		1711.5 (19965)	24.29	23.80	22.54	19.52
	1RB-Low (0)	1753.5 (20385)	24.29	23.68	22.31	19.40
		1732.5 (20175)	24.29	23.61	22.49	19.29
		1711.5 (19965)	24.21	23.56	22.35	19.22
	8RB-High (7)	1753.5 (20385)	23.55	22.57	21.59	19.52
		1732.5 (20175)	23.50	22.53	21.59	19.43
		1711.5 (19965)	23.36	22.49	21.55	19.46
	8RB-Middle (4)	1753.5 (20385)	23.49	22.70	21.51	19.45
		1732.5 (20175)	23.52	22.57	21.45	19.51
		1711.5 (19965)	23.43	22.49	21.60	19.58
	8RB-Low (0)	1753.5 (20385)	23.48	22.58	21.43	19.39
		1732.5 (20175)	23.45	22.51	21.45	19.32
		1711.5 (19965)	23.39	22.51	21.57	19.52
	15RB (0)	1753.5 (20385)	23.51	22.59	21.45	19.41
		1732.5 (20175)	23.34	22.38	21.46	19.45
		1711.5 (19965)	23.39	22.45	21.49	19.44

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5MHz	1RB-High (24)	1752.5 (20375)	24.36	23.76	22.47	19.32
		1732.5 (20175)	24.40	23.68	22.56	19.18
		1712.5 (19975)	24.44	23.33	22.41	19.30
	1RB-Middle (12)	1752.5 (20375)	24.60	23.22	22.54	19.49
		1732.5 (20175)	24.29	23.56	22.56	19.37
		1712.5 (19975)	24.48	23.23	22.46	19.59
	1RB-Low (0)	1752.5 (20375)	24.38	23.73	22.42	19.19
		1732.5 (20175)	24.37	23.57	22.49	19.22
		1712.5 (19975)	24.35	22.98	22.53	19.40
	12RB-High (13)	1752.5 (20375)	23.48	22.55	21.60	19.23
		1732.5 (20175)	23.50	22.47	21.58	19.16
		1712.5 (19975)	23.37	21.82	21.50	19.18
	12RB-Middle (6)	1752.5 (20375)	23.48	22.52	21.61	19.33
		1732.5 (20175)	23.47	22.45	21.58	19.47
		1712.5 (19975)	23.37	22.52	21.44	19.54
	12RB-Low (0)	1752.5 (20375)	23.39	22.41	21.59	19.43
		1732.5 (20175)	23.44	22.50	21.47	19.47
		1712.5 (19975)	23.43	22.34	21.47	19.50
	25RB (0)	1752.5 (20375)	23.42	22.56	21.52	19.54
		1732.5 (20175)	23.49	22.37	21.47	19.43
		1712.5 (19975)	23.45	22.43	21.46	19.47
10MHz	1RB-High (49)	1750 (20350)	24.32	23.80	22.50	19.44
		1732.5 (20175)	24.44	23.78	22.64	19.40
		1715 (20000)	24.01	22.77	22.57	19.42
	1RB-Middle (24)	1750 (20350)	24.41	23.76	22.40	19.40
		1732.5 (20175)	24.52	23.63	22.44	19.31
		1715 (20000)	24.44	23.38	22.50	19.32
	1RB-Low (0)	1750 (20350)	24.43	23.80	22.48	19.46
		1732.5 (20175)	24.39	23.77	22.61	19.49
		1715 (20000)	24.39	23.49	22.62	19.41
	25RB-High (25)	1750 (20350)	23.53	22.62	21.62	19.31
		1732.5 (20175)	23.44	22.47	21.51	19.55
		1715 (20000)	23.57	21.87	21.50	19.54
	25RB-Middle (12)	1750 (20350)	23.57	22.62	21.43	19.48
		1732.5 (20175)	23.53	22.50	21.44	19.37
		1715 (20000)	23.47	22.10	21.51	19.52
	25RB-Low (0)	1750 (20350)	23.50	22.53	21.39	19.41
		1732.5 (20175)	23.43	22.47	21.47	19.49
		1715 (20000)	23.38	21.71	21.43	19.48
	50RB (0)	1750 (20350)	23.53	21.35	21.48	19.52
		1732.5 (20175)	23.44	22.51	21.40	19.49
		1715 (20000)	23.38	21.24	21.49	19.42

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15MHz	1RB-High (74)	1747.5 (20325)	24.52	23.78	22.30	19.42
		1732.5 (20175)	24.44	23.53	22.59	19.42
		1717.5 (20025)	24.32	23.55	22.50	19.55
	1RB-Middle (37)	1747.5 (20325)	24.28	23.38	22.39	19.40
		1732.5 (20175)	24.32	23.72	22.44	19.59
		1717.5 (20025)	24.03	23.55	22.27	19.48
	1RB-Low (0)	1747.5 (20325)	24.27	23.49	22.47	19.40
		1732.5 (20175)	24.31	23.37	22.41	19.42
		1717.5 (20025)	24.13	23.22	22.30	19.54
	36RB-High (38)	1747.5 (20325)	23.38	22.27	21.46	19.33
		1732.5 (20175)	23.40	22.31	21.55	19.39
		1717.5 (20025)	23.29	22.27	21.41	19.37
	36RB-Middle (19)	1747.5 (20325)	23.36	22.49	21.41	19.38
		1732.5 (20175)	23.28	22.23	21.30	19.25
		1717.5 (20025)	23.31	22.31	21.38	19.40
	36RB-Low (0)	1747.5 (20325)	23.28	22.43	21.40	19.36
		1732.5 (20175)	23.27	22.37	21.33	19.30
		1717.5 (20025)	23.25	22.18	21.33	19.34
	75RB (0)	1747.5 (20325)	23.39	22.44	21.31	19.27
		1732.5 (20175)	23.35	22.33	21.39	19.35
		1717.5 (20025)	23.28	22.19	21.41	19.36
20MHz	1RB-High (99)	1745 (20300)	24.14	23.63	22.32	19.49
		1732.5 (20175)	24.30	23.59	22.41	19.34
		1720 (20050)	24.22	23.42	22.33	19.26
	1RB-Middle (50)	1745 (20300)	24.24	23.61	22.33	19.46
		1732.5 (20175)	24.31	23.52	22.58	19.34
		1720 (20050)	24.33	23.56	22.15	19.15
	1RB-Low (0)	1745 (20300)	23.86	23.61	22.09	19.31
		1732.5 (20175)	23.97	23.80	22.11	19.55
		1720 (20050)	24.37	23.38	22.04	19.49
	50RB-High (50)	1745 (20300)	23.08	22.22	21.45	19.25
		1732.5 (20175)	23.36	22.35	21.46	19.36
		1720 (20050)	23.31	22.36	21.48	19.32
	50RB-Middle (25)	1745 (20300)	23.06	20.97	21.38	19.35
		1732.5 (20175)	23.31	22.51	21.43	19.36
		1720 (20050)	23.30	22.27	21.43	19.41
	50RB-Low (0)	1745 (20300)	23.06	20.85	21.34	19.25
		1732.5 (20175)	23.26	22.22	21.41	19.30
		1720 (20050)	23.22	22.22	21.33	19.40
	100RB (0)	1745 (20300)	23.05	20.82	21.29	19.34
		1732.5 (20175)	23.33	22.30	21.38	19.41
		1720 (20050)	23.36	21.84	21.43	19.36

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LTE Band4(ANT4 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	14.83	14.94	15.03	14.57
		1732.5 (20175)	14.91	14.77	14.95	14.81
		1710.7 (19957)	14.78	14.91	14.97	14.83
	1RB-Middle (3)	1754.3 (20393)	15.06	15.00	14.82	14.68
		1732.5 (20175)	14.90	15.08	14.73	14.59
		1710.7 (19957)	14.85	15.18	14.87	14.73
	1RB-Low (0)	1754.3 (20393)	14.98	15.03	14.93	14.79
		1732.5 (20175)	14.86	15.13	14.84	14.71
		1710.7 (19957)	14.85	15.28	14.95	14.81
	3RB-High (3)	1754.3 (20393)	14.93	15.10	14.91	14.76
		1732.5 (20175)	14.98	15.21	14.76	14.62
		1710.7 (19957)	14.77	15.27	14.93	14.78
	3RB-Middle (1)	1754.3 (20393)	14.92	15.09	14.97	14.83
		1732.5 (20175)	14.98	15.08	14.80	14.65
		1710.7 (19957)	14.83	15.02	14.97	14.83
	3RB-Low (0)	1754.3 (20393)	14.91	15.08	15.00	14.85
		1732.5 (20175)	14.93	15.12	14.99	14.84
		1710.7 (19957)	14.87	14.92	14.94	14.80
	6RB (0)	1754.3 (20393)	14.93	15.10	14.85	14.72
		1732.5 (20175)	14.94	15.11	14.92	14.77
		1710.7 (19957)	14.88	15.05	14.83	14.68
3MHz	1RB-High (14)	1753.5 (20385)	14.91	14.92	14.92	14.77
		1732.5 (20175)	14.95	14.90	14.93	14.79
		1711.5 (19965)	14.80	14.92	14.83	14.69
	1RB-Middle (7)	1753.5 (20385)	14.98	14.95	14.80	14.65
		1732.5 (20175)	14.88	14.92	14.82	14.68
		1711.5 (19965)	14.92	14.83	14.76	14.62
	1RB-Low (0)	1753.5 (20385)	14.83	14.91	14.92	14.78
		1732.5 (20175)	14.87	14.86	15.06	14.90
		1711.5 (19965)	14.83	15.09	14.87	14.73
	8RB-High (7)	1753.5 (20385)	15.01	15.11	14.83	14.68
		1732.5 (20175)	14.93	15.01	14.96	14.82
		1711.5 (19965)	14.86	15.03	14.84	14.71
	8RB-Middle (4)	1753.5 (20385)	15.09	15.06	14.85	14.72
		1732.5 (20175)	14.99	15.06	14.87	14.73
		1711.5 (19965)	14.90	14.99	14.91	14.76
	8RB-Low (0)	1753.5 (20385)	15.04	15.11	14.85	14.72
		1732.5 (20175)	14.84	14.98	14.91	14.76
		1711.5 (19965)	14.87	14.94	14.93	14.78
	15RB (0)	1753.5 (20385)	14.97	15.04	14.71	14.56
		1732.5 (20175)	14.98	14.94	14.81	14.66
		1711.5 (19965)	14.88	14.91	14.87	14.73

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5MHz	1RB-High (24)	1752.5 (20375)	14.90	14.77	14.85	14.72
		1732.5 (20175)	14.99	14.80	14.87	14.73
		1712.5 (19975)	14.85	15.13	14.92	14.77
	1RB-Middle (12)	1752.5 (20375)	14.98	14.98	15.12	14.96
		1732.5 (20175)	15.09	15.13	14.89	14.75
		1712.5 (19975)	14.83	14.97	14.88	14.74
	1RB-Low (0)	1752.5 (20375)	14.86	14.94	15.00	14.85
		1732.5 (20175)	14.95	15.04	14.99	14.84
		1712.5 (19975)	14.78	15.22	14.90	14.75
	12RB-High (13)	1752.5 (20375)	14.97	15.10	14.81	14.66
		1732.5 (20175)	14.98	15.05	14.90	14.75
		1712.5 (19975)	14.85	15.03	14.81	14.66
	12RB-Middle (6)	1752.5 (20375)	14.96	15.01	14.84	14.71
		1732.5 (20175)	15.00	15.03	14.87	14.73
		1712.5 (19975)	14.98	15.07	14.91	14.76
	12RB-Low (0)	1752.5 (20375)	14.90	14.92	14.85	14.72
		1732.5 (20175)	14.85	14.98	14.79	14.64
		1712.5 (19975)	14.97	14.93	14.84	14.71
	25RB (0)	1752.5 (20375)	14.95	15.00	14.75	14.61
		1732.5 (20175)	14.89	14.96	14.78	14.63
		1712.5 (19975)	14.86	14.89	14.78	14.63
10MHz	1RB-High (49)	1750 (20350)	14.94	14.90	14.83	14.69
		1732.5 (20175)	15.00	14.94	14.75	14.61
		1715 (20000)	14.79	15.07	14.82	14.68
	1RB-Middle (24)	1750 (20350)	15.00	14.84	14.74	14.60
		1732.5 (20175)	15.02	14.81	14.89	14.75
		1715 (20000)	14.92	15.03	14.96	14.82
	1RB-Low (0)	1750 (20350)	14.88	14.97	14.99	14.84
		1732.5 (20175)	15.00	15.15	14.82	14.67
		1715 (20000)	14.82	15.13	14.79	14.64
	25RB-High (25)	1750 (20350)	15.01	15.05	14.81	14.66
		1732.5 (20175)	15.00	15.05	14.83	14.69
		1715 (20000)	14.89	14.98	14.82	14.67
	25RB-Middle (12)	1750 (20350)	14.98	15.02	14.78	14.63
		1732.5 (20175)	14.92	15.06	14.90	14.75
		1715 (20000)	14.93	14.97	14.89	14.74
	25RB-Low (0)	1750 (20350)	15.03	15.00	14.76	14.62
		1732.5 (20175)	14.94	14.89	14.83	14.68
		1715 (20000)	14.85	14.99	14.76	14.62
	50RB (0)	1750 (20350)	14.97	14.91	14.70	14.55
		1732.5 (20175)	15.05	14.92	14.78	14.63
		1715 (20000)	14.91	14.94	14.83	14.68

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15MHz	1RB-High (74)	1747.5 (20325)	14.81	15.19	14.78	14.63
		1732.5 (20175)	14.81	15.23	14.74	14.60
		1717.5 (20025)	14.77	14.99	14.80	14.65
	1RB-Middle (37)	1747.5 (20325)	14.77	15.06	14.79	14.64
		1732.5 (20175)	14.78	14.96	14.92	14.77
		1717.5 (20025)	14.67	15.02	14.74	14.59
	1RB-Low (0)	1747.5 (20325)	14.78	14.93	14.82	14.67
		1732.5 (20175)	14.82	14.85	14.94	14.80
		1717.5 (20025)	14.70	15.03	15.02	14.56
	36RB-High (38)	1747.5 (20325)	14.89	15.01	14.74	14.59
		1732.5 (20175)	14.96	14.89	14.82	14.67
		1717.5 (20025)	14.82	14.89	14.81	14.66
	36RB-Middle (19)	1747.5 (20325)	14.93	14.93	14.64	14.50
		1732.5 (20175)	14.86	14.81	14.74	14.60
		1717.5 (20025)	14.84	14.93	14.77	14.62
	36RB-Low (0)	1747.5 (20325)	14.83	14.88	14.73	14.58
		1732.5 (20175)	14.83	14.88	14.75	14.61
		1717.5 (20025)	14.79	14.86	14.72	14.57
	75RB (0)	1747.5 (20325)	14.88	14.98	14.67	14.53
		1732.5 (20175)	14.82	14.77	14.72	14.57
		1717.5 (20025)	14.82	14.91	14.74	14.59
20MHz	1RB-High (99)	1745 (20300)	14.85	15.06	14.77	14.62
		1732.5 (20175)	14.88	15.02	14.73	14.58
		1720 (20050)	14.90	15.07	14.87	14.73
	1RB-Middle (50)	1745 (20300)	14.77	15.12	15.03	14.37
		1732.5 (20175)	14.79	14.99	14.85	14.72
		1720 (20050)	14.62	15.02	14.64	14.50
	1RB-Low (0)	1745 (20300)	14.88	15.03	14.95	14.81
		1732.5 (20175)	14.88	15.26	14.60	14.46
		1720 (20050)	14.62	14.91	14.74	14.60
	50RB-High (50)	1745 (20300)	14.95	15.03	14.74	14.60
		1732.5 (20175)	14.90	15.00	14.83	14.68
		1720 (20050)	14.83	14.84	14.84	14.71
	50RB-Middle (25)	1745 (20300)	14.96	15.01	14.65	14.52
		1732.5 (20175)	14.85	14.86	14.74	14.60
		1720 (20050)	14.86	14.90	14.78	14.63
	50RB-Low (0)	1745 (20300)	14.86	14.87	14.66	14.52
		1732.5 (20175)	14.81	14.85	14.76	14.62
		1720 (20050)	14.72	14.73	14.72	14.57
	100RB (0)	1745 (20300)	14.94	14.95	14.64	14.51
		1732.5 (20175)	14.83	14.85	14.69	14.54
		1720 (20050)	14.83	14.83	14.75	14.61

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LTE Band4ANT5 DSI 1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	21.70	22.20	21.21	17.87
		1732.5 (20175)	21.78	22.05	21.26	17.92
		1710.7 (19957)	21.62	22.00	21.37	18.01
	1RB-Middle (3)	1754.3 (20393)	21.84	22.11	21.36	17.99
		1732.5 (20175)	21.66	21.84	21.35	17.99
		1710.7 (19957)	21.66	22.35	21.39	18.03
	1RB-Low (0)	1754.3 (20393)	21.75	22.08	21.78	18.36
		1732.5 (20175)	21.74	22.14	21.43	18.06
		1710.7 (19957)	21.63	22.34	21.22	17.88
	3RB-High (3)	1754.3 (20393)	21.71	21.90	21.28	17.93
		1732.5 (20175)	21.62	21.82	21.38	18.02
		1710.7 (19957)	21.75	21.94	21.30	17.95
	3RB-Middle (1)	1754.3 (20393)	21.74	21.94	21.24	17.90
		1732.5 (20175)	21.63	21.73	21.43	18.06
		1710.7 (19957)	21.73	22.04	21.34	17.98
	3RB-Low (0)	1754.3 (20393)	21.77	21.89	21.29	17.94
		1732.5 (20175)	21.63	21.72	21.41	18.05
		1710.7 (19957)	21.77	21.85	21.50	18.11
	6RB (0)	1754.3 (20393)	21.75	20.95	20.29	17.78
		1732.5 (20175)	21.68	20.90	20.32	17.81
		1710.7 (19957)	21.71	21.00	20.40	17.88
3MHz	1RB-High (14)	1753.5 (20385)	22.37	22.51	21.21	17.87
		1732.5 (20175)	22.30	22.47	21.25	17.91
		1711.5 (19965)	22.17	22.63	21.55	18.16
	1RB-Middle (7)	1753.5 (20385)	22.38	22.49	21.25	17.91
		1732.5 (20175)	22.38	22.73	21.42	18.06
		1711.5 (19965)	22.32	22.40	21.46	18.09
	1RB-Low (0)	1753.5 (20385)	22.43	22.54	21.15	17.83
		1732.5 (20175)	22.24	22.62	21.46	18.09
		1711.5 (19965)	22.16	22.62	21.40	18.04
	8RB-High (7)	1753.5 (20385)	22.47	21.71	20.33	17.82
		1732.5 (20175)	22.40	21.71	20.41	17.89
		1711.5 (19965)	22.30	21.43	20.44	17.92
	8RB-Middle (4)	1753.5 (20385)	22.56	21.73	20.38	17.85
		1732.5 (20175)	22.45	21.61	20.50	17.97
		1711.5 (19965)	22.34	21.45	20.45	17.93
	8RB-Low (0)	1753.5 (20385)	22.51	21.64	20.26	17.75
		1732.5 (20175)	22.38	21.46	20.40	17.88
		1711.5 (19965)	22.30	21.54	20.44	17.92
	15RB (0)	1753.5 (20385)	22.45	21.55	20.15	17.66
		1732.5 (20175)	22.27	21.48	20.39	17.86
		1711.5 (19965)	22.27	21.39	20.49	17.96

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5MHz	1RB-High (24)	1752.5 (20375)	22.45	22.87	21.30	17.95
		1732.5 (20175)	22.34	22.73	21.28	17.93
		1712.5 (19975)	22.28	22.44	21.37	18.00
	1RB-Middle (12)	1752.5 (20375)	22.55	22.76	21.30	17.95
		1732.5 (20175)	22.42	22.42	21.27	17.93
		1712.5 (19975)	22.49	23.00	21.48	18.10
	1RB-Low (0)	1752.5 (20375)	22.44	22.44	21.20	17.87
		1732.5 (20175)	22.09	22.31	21.34	17.98
		1712.5 (19975)	22.20	22.34	21.35	17.99
	12RB-High (13)	1752.5 (20375)	22.51	21.68	20.32	17.81
		1732.5 (20175)	22.48	21.57	20.40	17.88
		1712.5 (19975)	22.28	21.47	20.42	17.90
	12RB-Middle (6)	1752.5 (20375)	22.47	21.58	20.36	17.84
		1732.5 (20175)	22.39	21.41	20.47	17.94
		1712.5 (19975)	22.37	21.53	20.45	17.93
	12RB-Low (0)	1752.5 (20375)	22.48	21.50	20.25	17.75
		1732.5 (20175)	22.24	21.52	20.44	17.92
		1712.5 (19975)	22.33	21.44	20.38	17.85
	25RB (0)	1752.5 (20375)	22.40	21.51	20.17	17.68
		1732.5 (20175)	22.33	21.46	20.27	17.76
		1712.5 (19975)	22.39	21.50	20.43	17.91
10MHz	1RB-High (49)	1750 (20350)	22.44	22.92	21.59	18.19
		1732.5 (20175)	22.32	22.92	21.36	17.99
		1715 (20000)	22.40	22.51	21.44	18.07
	1RB-Middle (24)	1750 (20350)	22.45	22.96	21.25	17.91
		1732.5 (20175)	22.51	22.82	21.45	18.08
		1715 (20000)	22.34	22.65	21.43	18.06
	1RB-Low (0)	1750 (20350)	22.47	22.58	21.44	18.07
		1732.5 (20175)	22.29	22.80	21.31	17.96
		1715 (20000)	22.20	22.70	21.32	17.97
	25RB-High (25)	1750 (20350)	22.58	21.61	20.32	17.81
		1732.5 (20175)	22.34	21.61	20.43	17.91
		1715 (20000)	22.37	21.46	20.40	17.87
	25RB-Middle (12)	1750 (20350)	22.52	21.62	20.36	17.84
		1732.5 (20175)	22.22	21.53	20.35	17.83
		1715 (20000)	22.33	21.49	20.51	17.97
	25RB-Low (0)	1750 (20350)	22.36	21.62	20.39	17.86
		1732.5 (20175)	22.36	21.53	20.43	17.91
		1715 (20000)	22.35	21.46	20.40	17.88
	50RB (0)	1750 (20350)	22.54	21.63	20.30	17.79
		1732.5 (20175)	22.42	21.49	20.47	17.94
		1715 (20000)	22.35	21.49	20.47	17.94

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15MHz	1RB-High (74)	1747.5 (20325)	22.36	22.52	20.95	17.66
		1732.5 (20175)	22.36	22.38	21.34	17.98
		1717.5 (20025)	22.15	22.60	21.47	18.10
	1RB-Middle (37)	1747.5 (20325)	22.34	22.63	21.29	17.94
		1732.5 (20175)	22.26	22.79	21.15	17.83
		1717.5 (20025)	22.13	22.72	21.66	18.25
	1RB-Low (0)	1747.5 (20325)	22.11	22.49	21.20	17.87
		1732.5 (20175)	22.52	22.91	21.24	17.90
		1717.5 (20025)	21.99	22.92	21.31	17.96
	36RB-High (38)	1747.5 (20325)	22.44	21.52	20.23	17.73
		1732.5 (20175)	22.33	21.40	20.27	17.76
		1717.5 (20025)	22.20	21.40	20.27	17.76
	36RB-Middle (19)	1747.5 (20325)	22.37	21.49	20.11	17.62
		1732.5 (20175)	22.21	21.42	20.15	17.67
		1717.5 (20025)	22.27	21.33	20.32	17.81
	36RB-Low (0)	1747.5 (20325)	22.30	21.47	20.18	17.69
		1732.5 (20175)	22.40	21.19	20.31	17.80
		1717.5 (20025)	22.13	21.23	20.30	17.79
	75RB (0)	1747.5 (20325)	22.40	21.53	20.10	17.61
		1732.5 (20175)	22.17	20.32	20.16	17.67
		1717.5 (20025)	22.24	21.40	20.32	17.81
20MHz	1RB-High (99)	1745 (20300)	22.01	22.56	20.99	17.69
		1732.5 (20175)	22.42	22.72	21.31	17.96
		1720 (20050)	22.17	22.45	21.33	17.97
	1RB-Middle (50)	1745 (20300)	22.41	22.67	21.27	17.93
		1732.5 (20175)	22.15	22.69	21.29	17.94
		1720 (20050)	22.39	22.30	21.46	18.09
	1RB-Low (0)	1745 (20300)	22.26	22.35	21.26	17.92
		1732.5 (20175)	22.54	21.27	21.24	17.90
		1720 (20050)	22.26	22.37	21.53	18.14
	50RB-High (50)	1745 (20300)	22.46	21.56	20.24	17.74
		1732.5 (20175)	22.33	21.39	20.29	17.78
		1720 (20050)	22.37	21.31	20.31	17.80
	50RB-Middle (25)	1745 (20300)	22.10	21.10	20.28	17.77
		1732.5 (20175)	22.23	21.25	20.30	17.79
		1720 (20050)	22.29	21.34	20.39	17.86
	50RB-Low (0)	1745 (20300)	22.29	21.24	20.14	17.65
		1732.5 (20175)	22.23	21.00	20.28	17.77
		1720 (20050)	22.29	21.18	20.27	17.76
	100RB (0)	1745 (20300)	22.03	21.04	20.25	17.75
		1732.5 (20175)	22.27	21.27	20.18	17.69
		1720 (20050)	22.25	21.40	20.31	17.80

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LTE Band4(ANT5 DSI 5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	23.38	22.72	21.64	18.59
		1732.5 (20175)	23.33	22.71	21.63	18.59
		1710.7 (19957)	23.33	22.71	21.63	18.59
	1RB-Middle (3)	1754.3 (20393)	23.39	22.96	21.87	18.79
		1732.5 (20175)	23.36	23.01	21.92	18.83
		1710.7 (19957)	23.13	22.77	21.69	18.64
	1RB-Low (0)	1754.3 (20393)	23.40	22.98	21.89	18.81
		1732.5 (20175)	23.27	22.81	21.73	18.67
		1710.7 (19957)	23.18	22.59	21.52	18.49
	3RB-High (3)	1754.3 (20393)	23.43	22.56	21.49	18.46
		1732.5 (20175)	23.38	22.65	21.58	18.54
		1710.7 (19957)	23.33	22.34	21.28	18.28
	3RB-Middle (1)	1754.3 (20393)	23.38	22.56	21.49	18.46
		1732.5 (20175)	23.41	22.45	21.39	18.37
		1710.7 (19957)	23.26	22.31	21.25	18.26
	3RB-Low (0)	1754.3 (20393)	23.44	22.59	21.52	18.49
		1732.5 (20175)	23.31	22.51	21.44	18.42
		1710.7 (19957)	23.31	22.49	21.42	18.41
	6RB (0)	1754.3 (20393)	22.45	21.50	20.48	18.60
		1732.5 (20175)	22.38	21.47	20.45	18.57
		1710.7 (19957)	22.18	21.32	20.31	18.45
3MHz	1RB-High (14)	1753.5 (20385)	23.24	22.79	21.71	18.65
		1732.5 (20175)	23.23	22.59	21.52	18.49
		1711.5 (19965)	23.14	22.37	21.31	18.31
	1RB-Middle (7)	1753.5 (20385)	23.35	22.67	21.60	18.55
		1732.5 (20175)	23.44	22.62	21.55	18.51
		1711.5 (19965)	23.21	22.39	21.33	18.32
	1RB-Low (0)	1753.5 (20385)	23.26	22.46	21.40	18.38
		1732.5 (20175)	23.24	22.73	21.65	18.60
		1711.5 (19965)	23.16	22.51	21.44	18.42
	8RB-High (7)	1753.5 (20385)	22.39	21.61	20.59	18.69
		1732.5 (20175)	22.34	21.46	20.44	18.56
		1711.5 (19965)	22.29	21.40	20.39	18.51
	8RB-Middle (4)	1753.5 (20385)	22.44	21.58	20.56	18.66
		1732.5 (20175)	22.40	21.52	20.50	18.61
		1711.5 (19965)	22.31	21.31	20.30	18.44
	8RB-Low (0)	1753.5 (20385)	22.28	21.49	20.47	18.59
		1732.5 (20175)	22.30	21.36	20.35	18.48
		1711.5 (19965)	22.28	21.24	20.23	18.38
	15RB (0)	1753.5 (20385)	22.24	21.40	20.39	18.51
		1732.5 (20175)	22.29	21.33	20.32	18.46
		1711.5 (19965)	22.25	21.27	20.26	18.41

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5MHz	1RB-High (24)	1752.5 (20375)	23.23	22.79	21.71	18.65
		1732.5 (20175)	23.40	22.60	21.53	18.50
		1712.5 (19975)	23.23	22.63	21.56	18.52
	1RB-Middle (12)	1752.5 (20375)	23.30	22.67	21.60	18.55
		1732.5 (20175)	23.43	22.57	21.50	18.47
		1712.5 (19975)	23.30	22.64	21.57	18.53
	1RB-Low (0)	1752.5 (20375)	23.16	22.69	21.61	18.57
		1732.5 (20175)	23.28	22.82	21.74	18.68
		1712.5 (19975)	23.16	22.47	21.40	18.39
	12RB-High (13)	1752.5 (20375)	22.77	21.51	20.49	18.60
		1732.5 (20175)	22.36	21.38	20.37	18.50
		1712.5 (19975)	22.24	21.31	20.30	18.44
	12RB-Middle (6)	1752.5 (20375)	22.29	21.53	20.51	18.62
		1732.5 (20175)	22.64	21.40	20.39	18.51
		1712.5 (19975)	22.29	21.37	20.36	18.49
	12RB-Low (0)	1752.5 (20375)	22.15	21.41	20.40	18.52
		1732.5 (20175)	22.27	21.26	20.25	18.40
		1712.5 (19975)	22.22	21.31	20.30	18.44
	25RB (0)	1752.5 (20375)	22.23	21.49	20.47	18.59
		1732.5 (20175)	22.24	21.28	20.27	18.42
		1712.5 (19975)	22.26	21.31	20.30	18.44
10MHz	1RB-High (49)	1750 (20350)	23.30	22.95	21.86	18.78
		1732.5 (20175)	23.33	22.75	21.67	18.62
		1715 (20000)	23.32	22.49	21.42	18.41
	1RB-Middle (24)	1750 (20350)	23.30	22.97	21.88	18.80
		1732.5 (20175)	23.32	22.75	21.67	18.62
		1715 (20000)	23.26	22.55	21.48	18.46
	1RB-Low (0)	1750 (20350)	23.13	22.85	21.77	18.70
		1732.5 (20175)	23.22	22.70	21.62	18.58
		1715 (20000)	23.12	22.52	21.45	18.43
	25RB-High (25)	1750 (20350)	22.34	21.48	20.46	18.58
		1732.5 (20175)	22.36	21.46	20.44	18.56
		1715 (20000)	22.32	21.24	20.23	18.38
	25RB-Middle (12)	1750 (20350)	22.39	21.44	20.42	18.55
		1732.5 (20175)	22.38	21.36	20.35	18.48
		1715 (20000)	22.28	21.26	20.25	18.40
	25RB-Low (0)	1750 (20350)	22.34	21.47	20.45	18.57
		1732.5 (20175)	22.28	21.30	20.29	18.43
		1715 (20000)	22.24	21.18	20.18	18.33
	50RB (0)	1750 (20350)	22.32	21.40	20.39	18.51
		1732.5 (20175)	22.27	21.35	20.34	18.47
		1715 (20000)	22.30	21.31	20.30	18.44

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15MHz	1RB-High (74)	1747.5 (20325)	23.14	22.46	21.40	18.38
		1732.5 (20175)	23.19	22.39	21.33	18.32
		1717.5 (20025)	23.18	22.33	21.27	18.28
	1RB-Middle (37)	1747.5 (20325)	23.21	22.21	21.16	18.18
		1732.5 (20175)	23.14	22.29	21.23	18.24
		1717.5 (20025)	22.93	22.20	21.15	18.17
	1RB-Low (0)	1747.5 (20325)	23.11	22.40	21.34	18.33
		1732.5 (20175)	23.02	22.34	21.28	18.28
		1717.5 (20025)	23.00	22.28	21.22	18.23
	36RB-High (38)	1747.5 (20325)	22.39	21.29	20.28	18.42
		1732.5 (20175)	22.28	21.10	20.10	18.27
		1717.5 (20025)	22.15	21.26	20.25	18.40
	36RB-Middle (19)	1747.5 (20325)	22.23	21.29	20.28	18.42
		1732.5 (20175)	22.09	21.24	20.23	18.38
		1717.5 (20025)	22.17	21.20	20.19	18.35
	36RB-Low (0)	1747.5 (20325)	22.19	21.18	20.18	18.33
		1732.5 (20175)	22.16	21.16	20.16	18.32
		1717.5 (20025)	22.09	21.10	20.10	18.27
	75RB (0)	1747.5 (20325)	22.21	21.23	20.22	18.38
		1732.5 (20175)	22.19	21.20	20.19	18.35
		1717.5 (20025)	22.15	21.13	20.13	18.29
20MHz	1RB-High (99)	1745 (20300)	23.24	22.73	21.70	18.78
		1732.5 (20175)	23.21	22.64	21.57	18.53
		1720 (20050)	23.09	22.26	21.20	18.22
	1RB-Middle (50)	1745 (20300)	23.24	22.11	21.06	18.10
		1732.5 (20175)	23.17	22.15	21.05	18.05
		1720 (20050)	23.16	22.99	21.09	18.02
	1RB-Low (0)	1745 (20300)	23.16	22.55	21.48	18.46
		1732.5 (20175)	23.38	22.36	21.30	18.30
		1720 (20050)	23.27	22.23	21.18	18.19
	50RB-High (50)	1745 (20300)	22.33	21.07	20.07	18.24
		1732.5 (20175)	22.27	21.30	20.29	18.43
		1720 (20050)	22.19	21.25	20.24	18.39
	50RB-Middle (25)	1745 (20300)	22.25	21.33	20.32	18.46
		1732.5 (20175)	22.12	21.08	20.08	18.25
		1720 (20050)	22.14	21.19	20.19	18.34
	50RB-Low (0)	1745 (20300)	22.25	21.23	20.22	18.38
		1732.5 (20175)	22.11	21.20	20.19	18.35
		1720 (20050)	22.08	21.09	20.09	18.26
	100RB (0)	1745 (20300)	22.30	21.32	20.31	18.45
		1732.5 (20175)	22.17	21.07	20.07	18.24
		1720 (20050)	22.19	21.22	20.21	18.37

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LTE Band4(ANT5 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	12.34	12.42	12.62	12.24
		1732.5 (20175)	12.34	12.27	12.55	12.44
		1710.7 (19957)	12.37	12.35	12.56	12.46
	1RB-Middle (3)	1754.3 (20393)	12.39	12.38	12.44	12.34
		1732.5 (20175)	12.31	12.34	12.36	12.26
		1710.7 (19957)	12.40	12.12	12.48	12.37
	1RB-Low (0)	1754.3 (20393)	12.33	12.07	12.53	12.43
		1732.5 (20175)	12.28	12.19	12.46	12.36
		1710.7 (19957)	12.39	12.45	12.55	12.44
	3RB-High (3)	1754.3 (20393)	12.45	11.95	12.51	12.40
		1732.5 (20175)	12.31	11.99	12.39	12.29
		1710.7 (19957)	12.29	12.06	12.53	12.42
	3RB-Middle (1)	1754.3 (20393)	12.35	12.06	12.56	12.46
		1732.5 (20175)	12.28	12.01	12.42	12.31
		1710.7 (19957)	12.30	12.13	12.56	12.46
	3RB-Low (0)	1754.3 (20393)	12.43	11.96	12.59	12.48
		1732.5 (20175)	12.34	11.94	12.58	12.47
		1710.7 (19957)	12.38	12.08	12.54	12.43
	6RB (0)	1754.3 (20393)	12.41	12.05	12.47	12.36
		1732.5 (20175)	12.29	11.92	12.52	12.41
		1710.7 (19957)	12.37	12.01	12.45	12.34
3MHz	1RB-High (14)	1753.5 (20385)	12.28	12.18	12.52	12.41
		1732.5 (20175)	12.27	12.15	12.53	12.43
		1711.5 (19965)	12.23	12.25	12.45	12.35
	1RB-Middle (7)	1753.5 (20385)	12.48	12.24	12.42	12.31
		1732.5 (20175)	12.44	12.29	12.44	12.34
		1711.5 (19965)	12.35	12.14	12.39	12.29
	1RB-Low (0)	1753.5 (20385)	12.28	12.15	12.52	12.42
		1732.5 (20175)	12.21	12.26	12.64	12.52
		1711.5 (19965)	12.31	12.24	12.48	12.37
	8RB-High (7)	1753.5 (20385)	12.42	12.50	12.45	12.34
		1732.5 (20175)	12.35	12.38	12.56	12.45
		1711.5 (19965)	12.40	12.39	12.46	12.36
	8RB-Middle (4)	1753.5 (20385)	12.41	12.47	12.47	12.36
		1732.5 (20175)	12.34	12.36	12.48	12.37
		1711.5 (19965)	12.37	12.45	12.51	12.40
	8RB-Low (0)	1753.5 (20385)	12.37	12.13	12.47	12.36
		1732.5 (20175)	12.25	12.31	12.51	12.40
		1711.5 (19965)	12.40	12.44	12.53	12.42
	15RB (0)	1753.5 (20385)	12.40	12.46	12.34	12.23
		1732.5 (20175)	12.26	12.23	12.43	12.32
		1711.5 (19965)	12.37	12.39	12.48	12.37

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5MHz	1RB-High (24)	1752.5 (20375)	12.41	12.18	12.47	12.36
		1732.5 (20175)	12.34	12.27	12.48	12.37
		1712.5 (19975)	12.30	12.43	12.52	12.41
	1RB-Middle (12)	1752.5 (20375)	12.41	12.31	12.69	12.57
		1732.5 (20175)	12.32	12.43	12.49	12.39
		1712.5 (19975)	12.44	12.34	12.48	12.38
	1RB-Low (0)	1752.5 (20375)	12.39	12.30	12.59	12.48
		1732.5 (20175)	12.23	12.29	12.58	12.47
		1712.5 (19975)	12.46	12.42	12.50	12.39
	12RB-High (13)	1752.5 (20375)	12.41	12.46	12.43	12.32
		1732.5 (20175)	12.40	12.37	12.50	12.39
		1712.5 (19975)	12.37	12.45	12.43	12.32
	12RB-Middle (6)	1752.5 (20375)	12.40	12.47	12.46	12.36
		1732.5 (20175)	12.27	12.30	12.48	12.37
		1712.5 (19975)	12.43	12.17	12.51	12.40
	12RB-Low (0)	1752.5 (20375)	12.33	12.37	12.47	12.36
		1732.5 (20175)	12.27	12.31	12.41	12.30
		1712.5 (19975)	12.45	12.45	12.46	12.36
	25RB (0)	1752.5 (20375)	12.41	12.27	12.38	12.28
		1732.5 (20175)	12.28	12.29	12.40	12.29
		1712.5 (19975)	12.40	12.39	12.40	12.29
10MHz	1RB-High (49)	1750 (20350)	12.48	12.17	12.45	12.35
		1732.5 (20175)	12.29	12.21	12.38	12.28
		1715 (20000)	12.23	12.59	12.44	12.34
	1RB-Middle (24)	1750 (20350)	12.41	12.27	12.37	12.27
		1732.5 (20175)	12.43	12.17	12.49	12.39
		1715 (20000)	12.33	12.33	12.56	12.45
	1RB-Low (0)	1750 (20350)	12.30	12.27	12.58	12.47
		1732.5 (20175)	12.35	12.44	12.44	12.33
		1715 (20000)	12.29	12.35	12.41	12.30
	25RB-High (25)	1750 (20350)	12.41	12.41	12.43	12.32
		1732.5 (20175)	12.41	12.39	12.45	12.35
		1715 (20000)	12.40	12.41	12.44	12.33
	25RB-Middle (12)	1750 (20350)	12.33	12.31	12.40	12.29
		1732.5 (20175)	12.30	12.33	12.50	12.39
		1715 (20000)	12.42	12.45	12.49	12.38
	25RB-Low (0)	1750 (20350)	12.31	12.37	12.39	12.29
		1732.5 (20175)	12.25	12.39	12.45	12.34
		1715 (20000)	12.38	12.32	12.39	12.29
	50RB (0)	1750 (20350)	12.35	12.30	12.33	12.22
		1732.5 (20175)	12.33	12.34	12.40	12.29
		1715 (20000)	12.42	12.38	12.45	12.34

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15MHz	1RB-High (74)	1747.5 (20325)	12.21	12.41	12.40	12.29
		1732.5 (20175)	12.23	12.46	12.37	12.27
		1717.5 (20025)	12.11	12.27	12.42	12.31
	1RB-Middle (37)	1747.5 (20325)	12.17	12.44	12.41	12.30
		1732.5 (20175)	12.17	12.49	12.52	12.41
		1717.5 (20025)	12.04	12.32	12.37	12.26
	1RB-Low (0)	1747.5 (20325)	12.00	12.43	12.44	12.33
		1732.5 (20175)	12.14	12.39	12.54	12.43
		1717.5 (20025)	12.24	12.42	12.61	12.23
	36RB-High (38)	1747.5 (20325)	12.34	12.26	12.37	12.26
		1732.5 (20175)	12.20	12.31	12.44	12.33
		1717.5 (20025)	12.29	12.20	12.43	12.32
	36RB-Middle (19)	1747.5 (20325)	12.32	12.34	12.29	12.18
		1732.5 (20175)	12.15	12.17	12.37	12.27
		1717.5 (20025)	12.27	12.27	12.40	12.29
	36RB-Low (0)	1747.5 (20325)	12.14	12.20	12.36	12.25
		1732.5 (20175)	12.18	12.10	12.38	12.28
		1717.5 (20025)	12.21	12.20	12.35	12.24
	75RB (0)	1747.5 (20325)	12.30	12.32	12.32	12.21
		1732.5 (20175)	12.17	12.16	12.35	12.24
		1717.5 (20025)	12.29	12.30	12.37	12.26
20MHz	1RB-High (99)	1745 (20300)	12.13	12.31	12.40	12.29
		1732.5 (20175)	12.32	12.47	12.36	12.25
		1720 (20050)	12.64	12.25	12.48	12.37
	1RB-Middle (50)	1745 (20300)	12.08	12.33	12.62	12.07
		1732.5 (20175)	12.45	12.43	12.47	12.36
		1720 (20050)	12.19	12.25	12.29	12.18
	1RB-Low (0)	1745 (20300)	12.49	12.40	12.55	12.44
		1732.5 (20175)	12.44	12.31	12.25	12.15
		1720 (20050)	12.22	12.32	12.37	12.27
	50RB-High (50)	1745 (20300)	12.22	12.14	12.37	12.27
		1732.5 (20175)	12.40	12.35	12.45	12.34
		1720 (20050)	12.48	12.34	12.46	12.36
	50RB-Middle (25)	1745 (20300)	12.18	12.17	12.30	12.20
		1732.5 (20175)	12.39	12.34	12.37	12.27
		1720 (20050)	12.37	12.25	12.40	12.29
	50RB-Low (0)	1745 (20300)	12.25	12.16	12.31	12.20
		1732.5 (20175)	12.46	12.31	12.39	12.29
		1720 (20050)	12.17	12.12	12.35	12.24
	100RB (0)	1745 (20300)	12.22	12.20	12.29	12.19
		1732.5 (20175)	12.39	12.35	12.32	12.21
		1720 (20050)	12.40	12.27	12.38	12.28

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LTE Band5(ANT0 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	2564QAM
1.4MHz	1RB-High (5)	848.3 (20643)	25.07	24.30	23.31	20.34
		836.5 (20525)	25.15	24.54	23.54	20.54
		824.7 (20407)	25.31	24.59	23.59	20.58
	1RB-Middle (3)	848.3 (20643)	25.26	24.34	23.35	20.37
		836.5 (20525)	25.18	24.56	23.56	20.56
		824.7 (20407)	25.23	24.50	23.50	20.50
	1RB-Low (0)	848.3 (20643)	25.08	24.23	23.24	20.28
		836.5 (20525)	25.13	24.43	23.43	20.45
		824.7 (20407)	25.24	24.53	23.53	20.53
	3RB-High (3)	848.3 (20643)	25.41	24.22	23.23	20.27
		836.5 (20525)	25.35	24.40	23.41	20.42
		824.7 (20407)	25.25	24.34	23.35	20.37
	3RB-Middle (1)	848.3 (20643)	25.11	24.20	23.21	20.25
		836.5 (20525)	25.23	24.31	23.32	20.35
		824.7 (20407)	25.15	24.27	23.28	20.31
	3RB-Low (0)	848.3 (20643)	25.28	24.12	23.14	20.19
		836.5 (20525)	25.21	24.25	23.26	20.30
		824.7 (20407)	25.25	24.25	23.26	20.30
	6RB (0)	848.3 (20643)	24.44	23.39	22.44	20.24
		836.5 (20525)	24.39	23.46	22.50	20.31
		824.7 (20407)	24.48	23.58	22.62	20.42
3MHz	1RB-High (14)	847.5 (20635)	25.15	24.41	23.41	20.43
		836.5 (20525)	25.14	24.33	23.34	20.36
		825.5 (20415)	25.13	24.31	23.32	20.35
	1RB-Middle (7)	847.5 (20635)	25.26	24.49	23.49	20.50
		836.5 (20525)	25.33	24.26	23.27	20.30
		825.5 (20415)	25.33	24.37	23.38	20.40
	1RB-Low (0)	847.5 (20635)	25.17	24.34	23.35	20.37
		836.5 (20525)	25.12	24.41	23.41	20.43
		825.5 (20415)	25.15	24.40	23.41	20.42
	8RB-High (7)	847.5 (20635)	24.51	23.56	22.60	20.40
		836.5 (20525)	24.53	23.57	22.61	20.41
		825.5 (20415)	24.55	23.58	22.62	20.42
	8RB-Middle (4)	847.5 (20635)	24.36	23.50	22.54	20.34
		836.5 (20525)	24.40	23.62	22.66	20.46
		825.5 (20415)	24.49	23.60	22.64	20.44
	8RB-Low (0)	847.5 (20635)	24.35	23.55	22.59	20.39
		836.5 (20525)	24.44	23.58	22.62	20.42
		825.5 (20415)	24.55	23.67	22.39	20.51
	15RB (0)	847.5 (20635)	24.35	23.37	22.42	20.22
		836.5 (20525)	24.35	23.43	22.47	20.28
		825.5 (20415)	24.47	23.48	22.52	20.32

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5MHz	1RB-High (24)	846.5 (20625)	25.24	24.31	23.32	20.35
		836.5 (20525)	25.20	24.36	23.37	20.39
		826.5 (20425)	25.18	24.56	23.56	20.56
	1RB-Middle (12)	846.5 (20625)	25.25	24.39	23.40	20.41
		836.5 (20525)	25.38	24.61	23.61	20.60
		826.5 (20425)	25.50	24.44	23.44	20.45
	1RB-Low (0)	846.5 (20625)	25.20	24.28	23.29	20.32
		836.5 (20525)	25.20	24.40	23.41	20.42
		826.5 (20425)	25.27	24.23	23.24	20.28
	12RB-High (13)	846.5 (20625)	24.43	23.48	22.52	20.32
		836.5 (20525)	24.46	23.57	22.61	20.41
		826.5 (20425)	24.57	23.54	22.58	20.38
	12RB-Middle (6)	846.5 (20625)	24.32	23.45	22.49	20.30
		836.5 (20525)	24.38	23.47	22.51	20.32
		826.5 (20425)	24.57	23.62	22.66	20.46
	12RB-Low (0)	846.5 (20625)	24.46	23.43	22.47	20.28
		836.5 (20525)	24.44	23.56	22.60	20.40
		826.5 (20425)	24.43	23.53	22.57	20.37
	25RB (0)	846.5 (20625)	24.36	23.40	22.45	20.25
		836.5 (20525)	24.42	23.45	22.49	20.30
		826.5 (20425)	24.50	23.56	22.60	20.40
10MHz	1RB-High (49)	844 (20600)	25.14	24.59	23.59	20.58
		836.5 (20525)	25.11	24.44	23.44	20.45
		829 (20450)	25.07	24.27	23.28	20.31
	1RB-Middle (24)	844 (20600)	25.19	24.43	23.43	20.45
		836.5 (20525)	25.42	24.46	23.46	20.47
		829 (20450)	25.12	24.62	23.62	20.61
	1RB-Low (0)	844 (20600)	25.24	24.56	23.56	20.56
		836.5 (20525)	25.16	24.57	23.57	20.56
		829 (20450)	25.24	24.62	23.62	20.61
	25RB-High (25)	844 (20600)	24.51	23.52	22.56	20.36
		836.5 (20525)	24.47	23.55	22.59	20.39
		829 (20450)	24.42	23.52	22.56	20.36
	25RB-Middle (12)	844 (20600)	24.45	23.45	22.49	20.30
		836.5 (20525)	24.47	23.48	22.52	20.32
		829 (20450)	24.50	23.54	22.58	20.38
	25RB-Low (0)	844 (20600)	24.46	23.49	22.53	20.33
		836.5 (20525)	24.42	23.45	22.49	20.30
		829 (20450)	24.44	23.53	22.57	20.37
	50RB (0)	844 (20600)	24.36	23.37	22.42	20.22
		836.5 (20525)	24.41	23.50	22.54	20.34
		829 (20450)	24.54	23.53	22.57	20.37

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LTE Band5(ANT0 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	2564QAM
1.4MHz	1RB-High (5)	848.3 (20643)	18.08	18.51	18.19	18.08
		836.5 (20525)	18.25	18.65	18.36	18.25
		824.7 (20407)	18.09	18.52	18.27	18.16
	1RB-Middle (3)	848.3 (20643)	17.99	18.51	18.22	18.11
		836.5 (20525)	18.02	18.68	18.19	18.08
		824.7 (20407)	18.15	18.64	18.18	18.07
	1RB-Low (0)	848.3 (20643)	18.15	18.48	18.26	18.15
		836.5 (20525)	18.18	18.69	18.50	18.39
		824.7 (20407)	18.13	18.43	18.47	18.36
	3RB-High (3)	848.3 (20643)	18.10	18.27	18.20	18.09
		836.5 (20525)	18.17	18.29	18.33	18.22
		824.7 (20407)	18.17	18.26	18.25	18.14
	3RB-Middle (1)	848.3 (20643)	18.04	18.16	18.14	18.03
		836.5 (20525)	18.19	18.38	18.24	18.13
		824.7 (20407)	18.21	18.30	18.32	18.21
	3RB-Low (0)	848.3 (20643)	18.18	18.16	18.19	18.08
		836.5 (20525)	18.17	18.41	18.27	18.16
		824.7 (20407)	18.10	18.35	18.25	18.14
	6RB (0)	848.3 (20643)	18.12	18.19	18.20	18.09
		836.5 (20525)	18.11	18.15	18.10	17.99
		824.7 (20407)	18.13	18.18	18.21	18.10
3MHz	1RB-High (14)	847.5 (20635)	18.05	18.37	18.22	18.11
		836.5 (20525)	18.03	18.49	18.29	18.18
		825.5 (20415)	17.95	18.59	18.44	18.33
	1RB-Middle (7)	847.5 (20635)	18.17	18.68	18.28	18.17
		836.5 (20525)	18.11	18.29	18.29	18.18
		825.5 (20415)	18.26	18.59	18.26	18.15
	1RB-Low (0)	847.5 (20635)	17.93	18.49	18.13	18.02
		836.5 (20525)	18.08	18.58	18.09	17.98
		825.5 (20415)	18.03	18.65	18.32	18.21
	8RB-High (7)	847.5 (20635)	18.08	18.13	18.21	18.10
		836.5 (20525)	18.19	18.25	18.18	18.07
		825.5 (20415)	18.15	18.36	18.31	18.20
	8RB-Middle (4)	847.5 (20635)	18.01	18.07	18.13	18.02
		836.5 (20525)	18.13	18.34	18.15	18.04
		825.5 (20415)	18.23	18.31	18.28	18.17
	8RB-Low (0)	847.5 (20635)	18.07	18.15	18.11	18.00
		836.5 (20525)	18.18	18.26	18.14	18.03
		825.5 (20415)	18.23	18.28	18.21	18.10
	15RB (0)	847.5 (20635)	18.02	18.07	18.08	17.97
		836.5 (20525)	18.13	18.22	18.14	18.03
		825.5 (20415)	18.13	18.22	18.14	18.03

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5MHz	1RB-High (24)	846.5 (20625)	18.09	18.37	18.49	18.38
		836.5 (20525)	18.05	18.48	18.09	17.98
		826.5 (20425)	18.23	18.48	18.39	18.28
	1RB-Middle (12)	846.5 (20625)	18.02	18.31	18.31	18.20
		836.5 (20525)	18.18	18.47	18.45	18.54
		826.5 (20425)	18.15	18.65	18.57	18.46
	1RB-Low (0)	846.5 (20625)	18.16	18.51	18.41	18.30
		836.5 (20525)	18.07	18.61	18.08	17.97
		826.5 (20425)	18.09	18.61	18.31	18.20
	12RB-High (13)	846.5 (20625)	18.16	18.21	18.19	18.08
		836.5 (20525)	18.18	18.23	18.24	18.13
		826.5 (20425)	18.24	18.26	18.28	18.17
	12RB-Middle (6)	846.5 (20625)	18.13	18.19	18.09	17.98
		836.5 (20525)	18.14	18.21	18.22	18.11
		826.5 (20425)	18.27	18.28	18.23	18.12
	12RB-Low (0)	846.5 (20625)	18.01	18.09	18.10	17.99
		836.5 (20525)	18.14	18.13	18.14	18.03
		826.5 (20425)	18.06	18.21	18.21	18.10
	25RB (0)	846.5 (20625)	18.12	18.12	18.01	17.90
		836.5 (20525)	18.14	18.09	18.18	18.07
		826.5 (20425)	18.20	18.18	18.22	18.11
10MHz	1RB-High (49)	844 (20600)	18.06	18.28	18.26	18.15
		836.5 (20525)	18.11	18.11	18.26	18.15
		829 (20450)	18.11	18.16	18.21	18.10
	1RB-Middle (24)	844 (20600)	18.12	18.16	18.31	18.20
		836.5 (20525)	18.22	18.35	18.31	18.20
		829 (20450)	18.18	18.20	18.19	18.08
	1RB-Low (0)	844 (20600)	18.19	18.28	18.19	18.08
		836.5 (20525)	18.30	18.29	18.45	18.34
		829 (20450)	18.21	18.39	18.42	18.31
	25RB-High (25)	844 (20600)	18.12	18.10	18.24	18.13
		836.5 (20525)	18.20	18.19	18.26	18.15
		829 (20450)	18.22	18.32	18.20	18.09
	25RB-Middle (12)	844 (20600)	18.20	18.20	18.17	18.06
		836.5 (20525)	18.15	18.18	18.25	18.14
		829 (20450)	18.23	18.30	18.23	18.12
	25RB-Low (0)	844 (20600)	18.12	18.14	18.24	18.13
		836.5 (20525)	18.24	18.19	18.16	18.05
		829 (20450)	18.19	18.21	18.23	18.12
	50RB (0)	844 (20600)	18.09	18.08	18.13	18.02
		836.5 (20525)	18.14	18.16	18.16	18.05
		829 (20450)	18.25	18.26	18.23	18.12

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LTE Band5(ANT1 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	2564QAM
1.4MHz	1RB-High (5)	848.3 (20643)	23.56	23.84	22.68	19.72
		836.5 (20525)	23.75	23.71	22.55	19.62
		824.7 (20407)	23.59	23.92	22.75	19.79
	1RB-Middle (3)	848.3 (20643)	23.62	23.78	22.62	19.67
		836.5 (20525)	23.67	24.00	22.83	19.86
		824.7 (20407)	23.73	23.88	22.71	19.76
	1RB-Low (0)	848.3 (20643)	23.60	23.79	22.63	19.68
		836.5 (20525)	23.75	23.86	22.69	19.74
		824.7 (20407)	23.77	23.98	22.81	19.84
	3RB-High (3)	848.3 (20643)	23.79	23.69	22.53	19.60
		836.5 (20525)	23.79	23.60	22.45	19.52
		824.7 (20407)	23.70	23.63	22.48	19.55
	3RB-Middle (1)	848.3 (20643)	23.61	23.48	22.33	19.42
		836.5 (20525)	23.82	23.63	22.48	19.55
		824.7 (20407)	23.80	23.68	22.52	19.59
	3RB-Low (0)	848.3 (20643)	23.71	23.45	22.30	19.40
		836.5 (20525)	23.72	23.56	22.41	19.49
		824.7 (20407)	23.75	23.60	22.45	19.52
	6RB (0)	848.3 (20643)	23.35	22.41	21.31	19.44
		836.5 (20525)	23.40	22.32	21.23	19.37
		824.7 (20407)	23.44	22.55	21.45	19.56
3MHz	1RB-High (14)	847.5 (20635)	23.49	23.73	22.57	19.63
		836.5 (20525)	23.59	23.97	22.90	19.92
		825.5 (20415)	23.69	23.74	22.58	19.64
	1RB-Middle (7)	847.5 (20635)	23.64	23.83	22.67	19.71
		836.5 (20525)	23.73	23.91	22.86	19.93
		825.5 (20415)	23.66	23.80	22.64	19.69
	1RB-Low (0)	847.5 (20635)	23.69	23.68	22.52	19.59
		836.5 (20525)	23.58	23.57	22.42	19.50
		825.5 (20415)	23.57	23.65	22.49	19.57
	8RB-High (7)	847.5 (20635)	23.46	22.49	21.39	19.51
		836.5 (20525)	23.53	22.54	21.44	19.55
		825.5 (20415)	23.49	22.52	21.42	19.53
	8RB-Middle (4)	847.5 (20635)	23.31	22.28	21.19	19.33
		836.5 (20525)	23.39	22.50	21.40	19.51
		825.5 (20415)	23.52	22.63	21.52	19.62
	8RB-Low (0)	847.5 (20635)	23.27	22.46	21.36	19.48
		836.5 (20525)	23.34	22.50	21.40	19.51
		825.5 (20415)	23.52	22.65	21.54	19.64
	15RB (0)	847.5 (20635)	23.31	22.38	21.29	19.41
		836.5 (20525)	23.37	22.39	21.30	19.42
		825.5 (20415)	23.48	22.51	21.41	19.52

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5MHz	1RB-High (24)	846.5 (20625)	23.68	23.63	22.48	19.55
		836.5 (20525)	23.61	23.63	22.48	19.55
		826.5 (20425)	23.64	23.87	22.70	19.75
	1RB-Middle (12)	846.5 (20625)	23.94	23.89	22.72	19.76
		836.5 (20525)	24.03	23.77	22.61	19.66
		826.5 (20425)	23.63	23.91	22.74	19.78
	1RB-Low (0)	846.5 (20625)	23.58	23.72	22.56	19.62
		836.5 (20525)	23.65	23.80	22.64	19.69
		826.5 (20425)	23.70	23.74	22.58	19.64
	12RB-High (13)	846.5 (20625)	23.39	22.43	21.33	19.46
		836.5 (20525)	23.47	22.50	21.40	19.51
		826.5 (20425)	23.53	22.50	21.40	19.51
	12RB-Middle (6)	846.5 (20625)	23.32	22.37	21.28	19.41
		836.5 (20525)	23.38	22.39	21.30	19.42
		826.5 (20425)	23.50	22.49	21.39	19.51
	12RB-Low (0)	846.5 (20625)	23.31	22.40	21.31	19.43
		836.5 (20525)	23.42	22.47	21.37	19.49
		826.5 (20425)	23.45	22.44	21.34	19.46
	25RB (0)	846.5 (20625)	23.29	22.33	21.24	19.37
		836.5 (20525)	23.39	22.37	21.28	19.41
		826.5 (20425)	23.51	22.51	21.41	19.52
10MHz	1RB-High (49)	844 (20600)	23.66	23.72	22.56	19.62
		836.5 (20525)	23.66	23.84	22.68	19.72
		829 (20450)	23.57	23.82	22.66	19.71
	1RB-Middle (24)	844 (20600)	23.57	23.59	22.44	19.52
		836.5 (20525)	23.77	23.70	22.54	19.61
		829 (20450)	23.85	23.82	22.66	19.71
	1RB-Low (0)	844 (20600)	23.81	23.83	22.67	19.71
		836.5 (20525)	23.70	23.84	22.68	19.72
		829 (20450)	23.71	23.94	22.87	19.90
	25RB-High (25)	844 (20600)	23.38	22.43	21.33	19.46
		836.5 (20525)	23.43	22.47	21.37	19.49
		829 (20450)	23.47	22.47	21.37	19.49
	25RB-Middle (12)	844 (20600)	23.45	22.45	21.35	19.47
		836.5 (20525)	23.43	22.45	21.35	19.47
		829 (20450)	23.53	22.50	21.40	19.51
	25RB-Low (0)	844 (20600)	23.43	22.45	21.35	19.47
		836.5 (20525)	23.51	22.47	21.37	19.49
		829 (20450)	23.46	22.52	21.42	19.53
	50RB (0)	844 (20600)	23.41	22.42	21.32	19.45
		836.5 (20525)	23.38	22.44	21.34	19.46
		829 (20450)	23.55	22.51	21.41	19.52

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LTE Band5(ANT1 DSI 2/5/12/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	2564QAM
1.4MHz	1RB-High (5)	848.3 (20643)	24.07	23.65	22.55	19.52
		836.5 (20525)	24.22	23.88	22.77	19.71
		824.7 (20407)	24.22	23.83	22.72	19.67
	1RB-Middle (3)	848.3 (20643)	24.19	23.69	22.59	19.55
		836.5 (20525)	24.22	23.76	22.65	19.61
		824.7 (20407)	24.19	23.99	22.87	19.80
	1RB-Low (0)	848.3 (20643)	24.09	23.79	22.68	19.63
		836.5 (20525)	24.23	23.78	22.67	19.62
		824.7 (20407)	24.20	23.74	22.64	19.59
	3RB-High (3)	848.3 (20643)	24.14	23.43	22.34	19.34
		836.5 (20525)	24.26	23.67	22.57	19.53
		824.7 (20407)	24.28	23.59	22.49	19.47
	3RB-Middle (1)	848.3 (20643)	24.21	23.55	22.45	19.43
		836.5 (20525)	24.32	23.74	22.64	19.59
		824.7 (20407)	24.31	23.68	22.58	19.54
	3RB-Low (0)	848.3 (20643)	24.16	23.68	22.58	19.54
		836.5 (20525)	24.33	23.65	22.55	19.52
		824.7 (20407)	24.18	23.81	22.70	19.65
	6RB (0)	848.3 (20643)	23.39	22.42	21.38	19.40
		836.5 (20525)	23.45	22.42	21.38	19.40
		824.7 (20407)	23.50	22.62	21.57	19.57
3MHz	1RB-High (14)	847.5 (20635)	24.13	23.75	22.65	19.60
		836.5 (20525)	24.16	23.61	22.51	19.48
		825.5 (20415)	24.12	23.80	22.69	19.64
	1RB-Middle (7)	847.5 (20635)	24.18	23.62	22.52	19.49
		836.5 (20525)	24.22	23.91	22.80	19.73
		825.5 (20415)	24.18	23.89	22.78	19.71
	1RB-Low (0)	847.5 (20635)	24.00	23.71	22.61	19.57
		836.5 (20525)	24.31	23.60	22.50	19.48
		825.5 (20415)	24.16	23.66	22.56	19.52
	8RB-High (7)	847.5 (20635)	23.38	22.55	21.50	19.51
		836.5 (20525)	23.41	22.63	21.58	19.57
		825.5 (20415)	23.51	22.58	21.53	19.53
	8RB-Middle (4)	847.5 (20635)	23.36	22.45	21.41	19.43
		836.5 (20525)	23.38	22.42	21.38	19.40
		825.5 (20415)	23.50	22.62	21.57	19.57
	8RB-Low (0)	847.5 (20635)	23.36	22.41	21.37	19.39
		836.5 (20525)	23.37	22.46	21.42	19.43
		825.5 (20415)	23.61	22.59	21.54	19.54
	15RB (0)	847.5 (20635)	23.27	22.36	21.32	19.35
		836.5 (20525)	23.35	22.41	21.37	19.39
		825.5 (20415)	23.46	22.54	21.49	19.50

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5MHz	1RB-High (24)	846.5 (20625)	24.25	23.74	22.64	19.59
		836.5 (20525)	24.21	23.64	22.54	19.51
		826.5 (20425)	24.11	23.73	22.63	19.58
	1RB-Middle (12)	846.5 (20625)	24.24	23.86	22.75	19.69
		836.5 (20525)	24.30	24.00	22.88	19.81
		826.5 (20425)	24.20	23.93	22.82	19.75
	1RB-Low (0)	846.5 (20625)	24.06	23.86	22.75	19.69
		836.5 (20525)	24.23	23.86	22.75	19.69
		826.5 (20425)	24.19	23.78	22.67	19.62
	12RB-High (13)	846.5 (20625)	23.40	22.49	21.44	19.46
		836.5 (20525)	23.40	22.54	21.49	19.50
		826.5 (20425)	23.49	22.50	21.45	19.47
	12RB-Middle (6)	846.5 (20625)	23.40	22.45	21.41	19.43
		836.5 (20525)	23.42	22.45	21.41	19.43
		826.5 (20425)	23.55	22.59	21.54	19.54
	12RB-Low (0)	846.5 (20625)	23.31	22.40	21.36	19.39
		836.5 (20525)	23.49	22.55	21.50	19.51
		826.5 (20425)	23.41	22.48	21.43	19.45
	25RB (0)	846.5 (20625)	23.37	22.37	21.33	19.36
		836.5 (20525)	23.46	22.43	21.39	19.41
		826.5 (20425)	23.49	22.50	21.45	19.47
10MHz	1RB-High (49)	844 (20600)	24.16	23.86	22.75	19.69
		836.5 (20525)	24.03	23.84	22.73	19.67
		829 (20450)	24.14	23.71	22.61	19.57
	1RB-Middle (24)	844 (20600)	24.12	23.67	22.57	19.53
		836.5 (20525)	24.29	23.83	22.72	19.67
		829 (20450)	24.19	23.85	22.74	19.68
	1RB-Low (0)	844 (20600)	24.26	23.88	22.77	19.71
		836.5 (20525)	24.25	23.95	22.84	19.76
		829 (20450)	24.36	23.97	22.85	19.78
	25RB-High (25)	844 (20600)	23.37	22.47	21.42	19.44
		836.5 (20525)	23.52	22.57	21.52	19.53
		829 (20450)	23.51	22.54	21.49	19.50
	25RB-Middle (12)	844 (20600)	23.32	22.46	21.42	19.43
		836.5 (20525)	23.46	22.47	21.42	19.44
		829 (20450)	23.51	22.57	21.52	19.53
	25RB-Low (0)	844 (20600)	23.40	22.42	21.38	19.40
		836.5 (20525)	23.47	22.46	21.42	19.43
		829 (20450)	23.42	22.58	21.53	19.53
	50RB (0)	844 (20600)	23.29	22.47	21.42	19.44
		836.5 (20525)	23.42	22.44	21.40	19.42
		829 (20450)	23.54	22.55	21.50	19.51

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LTE Band5(ANT1 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	2564QAM
1.4MHz	1RB-High (5)	848.3 (20643)	18.59	18.87	18.50	18.44
		836.5 (20525)	18.58	18.76	18.49	18.43
		824.7 (20407)	18.61	18.95	18.52	18.46
	1RB-Middle (3)	848.3 (20643)	18.68	18.89	18.59	18.53
		836.5 (20525)	18.67	18.72	18.58	18.52
		824.7 (20407)	18.70	18.88	18.61	18.55
	1RB-Low (0)	848.3 (20643)	18.52	19.03	18.43	18.37
		836.5 (20525)	18.61	18.90	18.52	18.46
		824.7 (20407)	18.73	19.00	18.64	18.58
	3RB-High (3)	848.3 (20643)	18.59	18.72	18.50	18.44
		836.5 (20525)	18.68	18.93	18.59	18.53
		824.7 (20407)	18.75	18.88	18.66	18.60
	3RB-Middle (1)	848.3 (20643)	18.55	18.77	18.46	18.40
		836.5 (20525)	18.61	18.76	18.52	18.46
		824.7 (20407)	18.77	18.88	18.68	18.62
	3RB-Low (0)	848.3 (20643)	18.62	18.71	18.53	18.47
		836.5 (20525)	18.62	18.82	18.53	18.47
		824.7 (20407)	18.63	18.95	18.54	18.48
	6RB (0)	848.3 (20643)	18.54	18.67	18.45	18.39
		836.5 (20525)	18.67	18.66	18.58	18.52
		824.7 (20407)	18.68	18.91	18.59	18.53
3MHz	1RB-High (14)	847.5 (20635)	18.52	18.81	18.43	18.37
		836.5 (20525)	18.52	18.99	18.43	18.37
		825.5 (20415)	18.63	18.96	18.54	18.48
	1RB-Middle (7)	847.5 (20635)	18.62	18.97	18.53	18.47
		836.5 (20525)	18.63	18.84	18.54	18.48
		825.5 (20415)	18.66	18.98	18.57	18.51
	1RB-Low (0)	847.5 (20635)	18.45	18.97	18.36	18.30
		836.5 (20525)	18.50	18.72	18.41	18.35
		825.5 (20415)	18.59	18.71	18.50	18.44
	8RB-High (7)	847.5 (20635)	18.63	18.62	18.54	18.48
		836.5 (20525)	18.68	18.76	18.59	18.53
		825.5 (20415)	18.72	18.85	18.63	18.57
	8RB-Middle (4)	847.5 (20635)	18.52	18.66	18.43	18.37
		836.5 (20525)	18.74	18.84	18.65	18.59
		825.5 (20415)	18.69	18.82	18.60	18.54
	8RB-Low (0)	847.5 (20635)	18.59	18.65	18.50	18.44
		836.5 (20525)	18.59	18.70	18.50	18.44
		825.5 (20415)	18.77	18.82	18.68	18.62
	15RB (0)	847.5 (20635)	18.53	18.55	18.44	18.38
		836.5 (20525)	18.67	18.63	18.58	18.52
		825.5 (20415)	18.72	18.81	18.63	18.57

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5MHz	1RB-High (24)	846.5 (20625)	18.46	18.98	18.37	18.31
		836.5 (20525)	18.61	18.84	18.52	18.46
		826.5 (20425)	18.59	18.89	18.50	18.44
	1RB-Middle (12)	846.5 (20625)	18.49	18.82	18.40	18.34
		836.5 (20525)	18.69	18.87	18.60	18.54
		826.5 (20425)	18.64	18.95	18.55	18.49
	1RB-Low (0)	846.5 (20625)	18.56	18.90	18.47	18.41
		836.5 (20525)	18.56	18.94	18.47	18.41
		826.5 (20425)	18.62	18.80	18.53	18.47
	12RB-High (13)	846.5 (20625)	18.65	18.66	18.56	18.50
		836.5 (20525)	18.67	18.72	18.58	18.52
		826.5 (20425)	18.69	18.83	18.60	18.54
	12RB-Middle (6)	846.5 (20625)	18.60	18.62	18.51	18.45
		836.5 (20525)	18.69	18.72	18.60	18.54
		826.5 (20425)	18.83	18.82	18.74	18.68
	12RB-Low (0)	846.5 (20625)	18.52	18.58	18.43	18.37
		836.5 (20525)	18.57	18.65	18.48	18.42
		826.5 (20425)	18.71	18.75	18.62	18.56
	25RB (0)	846.5 (20625)	18.59	18.52	18.50	18.44
		836.5 (20525)	18.63	18.62	18.54	18.48
		826.5 (20425)	18.69	18.76	18.60	18.54
10MHz	1RB-High (49)	844 (20600)	18.49	18.85	18.40	18.34
		836.5 (20525)	18.57	18.87	18.48	18.42
		829 (20450)	18.54	18.75	18.45	18.39
	1RB-Middle (24)	844 (20600)	18.62	18.80	18.53	18.47
		836.5 (20525)	18.73	18.73	18.64	18.58
		829 (20450)	18.64	18.90	18.55	18.49
	1RB-Low (0)	844 (20600)	18.65	18.94	18.56	18.50
		836.5 (20525)	18.61	18.95	18.52	18.46
		829 (20450)	18.59	18.89	18.50	18.44
	25RB-High (25)	844 (20600)	18.67	18.61	18.58	18.52
		836.5 (20525)	18.62	18.71	18.53	18.47
		829 (20450)	18.65	18.69	18.56	18.50
	25RB-Middle (12)	844 (20600)	18.69	18.60	18.60	18.54
		836.5 (20525)	18.62	18.70	18.53	18.47
		829 (20450)	18.78	18.81	18.69	18.63
	25RB-Low (0)	844 (20600)	18.63	18.59	18.54	18.48
		836.5 (20525)	18.70	18.64	18.61	18.55
		829 (20450)	18.76	18.66	18.67	18.61
	50RB (0)	844 (20600)	18.69	18.57	18.60	18.54
		836.5 (20525)	18.56	18.67	18.47	18.41
		829 (20450)	18.76	18.77	18.67	18.61

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LTE Band7(ANT2 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	20.95	21.60	20.78	19.93
		2535 (21100)	21.15	21.63	21.20	20.35
		2502.5 (20775)	21.24	21.46	21.15	20.29
	1RB-Middle (12)	2567.5 (21425)	21.04	21.61	20.79	19.94
		2535 (21100)	21.28	21.53	21.31	20.45
		2502.5 (20775)	21.20	21.52	21.37	20.13
	1RB-Low (0)	2567.5 (21425)	20.95	21.87	21.03	20.18
		2535 (21100)	21.28	21.65	21.35	20.49
		2502.5 (20775)	21.30	21.69	21.25	20.40
	12RB-High (13)	2567.5 (21425)	21.11	21.41	20.60	19.75
		2535 (21100)	21.36	21.65	20.82	19.98
		2502.5 (20775)	21.34	21.72	20.89	20.05
	12RB-Middle (6)	2567.5 (21425)	21.11	21.45	20.63	19.79
		2535 (21100)	21.32	21.80	20.96	20.12
		2502.5 (20775)	21.40	21.65	20.82	19.98
	12RB-Low (0)	2567.5 (21425)	21.06	21.25	20.44	19.61
		2535 (21100)	21.39	21.68	20.85	20.01
		2502.5 (20775)	21.27	21.59	20.77	19.92
	25RB (0)	2567.5 (21425)	21.11	21.29	20.48	19.64
		2535 (21100)	21.47	21.69	20.86	20.02
		2502.5 (20775)	21.42	21.45	20.63	19.79
10MHz	1RB-High (49)	2565 (21400)	21.06	21.91	21.07	20.22
		2535 (21100)	21.14	21.63	21.40	20.14
		2505 (20800)	21.30	21.53	21.23	20.37
	1RB-Middle (24)	2565 (21400)	21.07	21.88	21.04	20.19
		2535 (21100)	21.26	21.96	21.12	20.27
		2505 (20800)	21.24	21.99	21.15	20.29
	1RB-Low (0)	2565 (21400)	21.19	21.79	20.95	20.11
		2535 (21100)	21.23	21.52	21.22	20.36
		2505 (20800)	21.23	21.57	21.22	20.36
	25RB-High (25)	2565 (21400)	21.04	21.34	20.53	19.70
		2535 (21100)	21.39	21.60	20.78	19.93
		2505 (20800)	21.34	21.64	20.81	19.97
	25RB-Middle (12)	2565 (21400)	21.15	21.45	20.63	19.79
		2535 (21100)	21.47	21.68	20.85	20.01
		2505 (20800)	21.42	21.67	20.83	19.99
	25RB-Low (0)	2565 (21400)	21.20	21.40	20.58	19.74
		2535 (21100)	21.32	21.64	20.81	19.97
		2505 (20800)	21.40	21.67	20.83	19.99
	50RB (0)	2565 (21400)	21.11	21.33	20.52	19.68
		2535 (21100)	21.22	21.48	20.66	19.81
		2505 (20800)	21.35	21.60	20.78	19.93

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15MHz	1RB-High (74)	2562.5 (21375)	20.63	21.21	20.40	19.82
		2535 (21100)	20.71	21.29	20.48	19.89
		2507.5 (20825)	21.04	21.56	20.74	20.14
	1RB-Middle (37)	2562.5 (21375)	20.98	21.40	20.58	19.99
		2535 (21100)	20.86	21.65	20.82	20.23
		2507.5 (20825)	21.10	21.46	20.65	20.05
	1RB-Low (0)	2562.5 (21375)	21.11	21.61	20.79	20.19
		2535 (21100)	20.90	21.94	21.10	20.49
		2507.5 (20825)	20.95	21.46	20.65	20.05
	36RB-High (38)	2562.5 (21375)	20.92	21.25	20.44	19.86
		2535 (21100)	21.11	21.46	20.65	20.05
		2507.5 (20825)	21.27	21.55	20.73	20.13
	36RB-Middle (19)	2562.5 (21375)	20.92	21.30	20.49	19.91
		2535 (21100)	21.30	21.48	20.66	20.06
		2507.5 (20825)	21.19	21.45	20.63	20.04
	36RB-Low (0)	2562.5 (21375)	21.14	21.32	20.50	19.92
		2535 (21100)	21.23	21.44	20.62	20.02
		2507.5 (20825)	21.23	21.45	20.63	20.04
	75RB (0)	2562.5 (21375)	21.10	21.29	20.48	19.89
		2535 (21100)	21.08	21.41	20.60	20.00
		2507.5 (20825)	21.19	21.52	20.70	20.10
20MHz	1RB-High (99)	2560 (21350)	21.23	21.30	20.36	19.78
		2535 (21100)	21.69	21.38	20.71	20.12
		2510 (20850)	21.49	21.37	20.79	20.19
	1RB-Middle (50)	2560 (21350)	21.41	21.68	20.34	19.76
		2535 (21100)	21.49	21.50	21.10	20.49
		2510 (20850)	21.52	21.67	20.62	20.02
	1RB-Low (0)	2560 (21350)	21.38	21.69	20.79	20.19
		2535 (21100)	21.42	21.58	20.78	20.18
		2510 (20850)	21.51	21.60	20.60	20.00
	50RB-High (50)	2560 (21350)	21.41	21.42	20.44	19.86
		2535 (21100)	21.50	21.58	20.60	20.00
		2510 (20850)	21.65	21.63	20.78	20.18
	50RB-Middle (25)	2560 (21350)	21.48	21.51	20.41	19.83
		2535 (21100)	21.50	21.54	20.48	19.89
		2510 (20850)	21.64	21.71	20.71	20.12
	50RB-Low (0)	2560 (21350)	21.55	21.59	20.45	19.87
		2535 (21100)	21.56	21.49	20.56	19.97
		2510 (20850)	21.67	21.66	20.70	20.10
	100RB (0)	2560 (21350)	21.53	21.48	20.46	19.88
		2535 (21100)	21.51	21.49	20.54	19.96
		2510 (20850)	21.59	21.62	20.69	20.09

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LTE Band7(ANT2 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	19.46	19.98	20.19	20.14
		2535 (21100)	19.64	20.00	20.30	20.25
		2502.5 (20775)	19.73	19.86	20.25	20.20
	1RB-Middle (12)	2567.5 (21425)	19.55	19.99	20.20	20.15
		2535 (21100)	19.77	19.92	20.40	20.36
		2502.5 (20775)	19.69	19.91	20.47	20.42
	1RB-Low (0)	2567.5 (21425)	19.46	20.23	20.43	20.39
		2535 (21100)	19.77	20.03	20.44	20.40
		2502.5 (20775)	19.78	20.07	20.35	20.31
	12RB-High (13)	2567.5 (21425)	19.61	19.81	20.01	19.96
		2535 (21100)	19.84	20.03	20.23	20.19
		2502.5 (20775)	19.82	20.09	20.29	20.26
	12RB-Middle (6)	2567.5 (21425)	19.61	19.84	20.05	20.00
		2535 (21100)	19.81	20.17	20.37	20.33
		2502.5 (20775)	19.88	20.03	20.23	20.19
	12RB-Low (0)	2567.5 (21425)	19.56	19.66	19.86	19.82
		2535 (21100)	19.87	20.05	20.25	20.22
		2502.5 (20775)	19.76	19.97	20.18	20.13
	25RB (0)	2567.5 (21425)	19.61	19.69	19.90	19.85
		2535 (21100)	19.94	20.07	20.27	20.23
		2502.5 (20775)	19.89	19.84	20.05	20.00
10MHz	1RB-High (49)	2565 (21400)	19.56	20.27	20.47	20.43
		2535 (21100)	19.63	20.00	20.49	20.45
		2505 (20800)	19.78	19.92	20.33	20.28
	1RB-Middle (24)	2565 (21400)	19.57	20.24	20.45	20.40
		2535 (21100)	19.74	20.32	20.22	20.48
		2505 (20800)	19.73	20.34	20.25	20.20
	1RB-Low (0)	2565 (21400)	19.68	20.15	20.36	20.32
		2535 (21100)	19.72	19.91	20.31	20.27
		2505 (20800)	19.72	19.96	20.31	20.27
	25RB-High (25)	2565 (21400)	19.55	19.74	19.95	19.91
		2535 (21100)	19.87	19.98	20.19	20.14
		2505 (20800)	19.82	20.02	20.22	20.18
	25RB-Middle (12)	2565 (21400)	19.64	19.84	20.05	20.00
		2535 (21100)	19.94	20.05	20.25	20.22
		2505 (20800)	19.89	20.04	20.24	20.20
	25RB-Low (0)	2565 (21400)	19.69	19.79	20.00	19.95
		2535 (21100)	19.81	20.02	20.22	20.18
		2505 (20800)	19.88	20.04	20.24	20.20
	50RB (0)	2565 (21400)	19.61	19.73	19.93	19.89
		2535 (21100)	19.71	19.87	20.07	20.02
		2505 (20800)	19.83	19.98	20.19	20.14

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15MHz	1RB-High (74)	2562.5 (21375)	19.16	19.62	19.82	19.78
		2535 (21100)	19.24	19.69	19.90	19.85
		2507.5 (20825)	19.55	19.94	20.15	20.10
	1RB-Middle (37)	2562.5 (21375)	19.48	19.79	20.00	19.95
		2535 (21100)	19.37	20.03	20.23	20.19
		2507.5 (20825)	19.60	19.86	20.06	20.01
	1RB-Low (0)	2562.5 (21375)	19.61	19.99	20.20	20.15
		2535 (21100)	19.41	20.29	20.50	20.45
		2507.5 (20825)	19.46	19.86	20.06	20.01
	36RB-High (38)	2562.5 (21375)	19.43	19.66	19.86	19.82
		2535 (21100)	19.61	19.86	20.06	20.01
		2507.5 (20825)	19.76	19.93	20.14	20.09
	36RB-Middle (19)	2562.5 (21375)	19.43	19.71	19.91	19.87
		2535 (21100)	19.78	19.87	20.07	20.02
		2507.5 (20825)	19.68	19.84	20.05	20.00
	36RB-Low (0)	2562.5 (21375)	19.63	19.72	19.92	19.88
		2535 (21100)	19.72	19.83	20.04	19.98
		2507.5 (20825)	19.72	19.84	20.05	20.00
	75RB (0)	2562.5 (21375)	19.60	19.69	19.90	19.85
		2535 (21100)	19.58	19.81	20.01	19.96
		2507.5 (20825)	19.68	19.91	20.11	20.06
20MHz	1RB-High (99)	2560 (21350)	19.80	19.87	19.78	19.74
		2535 (21100)	19.89	19.98	20.13	20.08
		2510 (20850)	19.93	20.32	20.20	20.15
	1RB-Middle (50)	2560 (21350)	19.83	20.45	19.77	19.73
		2535 (21100)	19.95	20.43	20.50	20.45
		2510 (20850)	20.22	20.37	20.04	19.98
	1RB-Low (0)	2560 (21350)	19.86	20.00	20.20	20.15
		2535 (21100)	20.14	20.25	20.19	20.14
		2510 (20850)	19.98	19.98	20.01	19.96
	50RB-High (50)	2560 (21350)	19.98	19.88	19.86	19.82
		2535 (21100)	20.01	19.99	20.01	19.96
		2510 (20850)	20.03	20.09	20.19	20.14
	50RB-Middle (25)	2560 (21350)	19.98	19.97	19.83	19.79
		2535 (21100)	19.93	19.98	19.90	19.85
		2510 (20850)	20.10	20.12	20.13	20.08
	50RB-Low (0)	2560 (21350)	20.01	20.06	19.87	19.83
		2535 (21100)	20.02	20.08	19.97	19.93
		2510 (20850)	20.16	20.12	20.11	20.06
	100RB (0)	2560 (21350)	19.98	20.00	19.88	19.84
		2535 (21100)	20.02	20.02	19.96	19.92
		2510 (20850)	20.12	20.23	20.10	20.05

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LTE Band7(ANT2 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	21.38	21.45	21.44	20.13
		2535 (21100)	21.57	21.47	21.50	20.08
		2502.5 (20775)	21.67	21.32	21.44	20.28
	1RB-Middle (12)	2567.5 (21425)	21.48	21.47	21.46	20.23
		2535 (21100)	21.71	21.37	21.62	20.05
		2502.5 (20775)	21.63	21.37	21.67	20.39
	1RB-Low (0)	2567.5 (21425)	21.38	21.73	21.71	20.11
		2535 (21100)	21.71	21.51	21.65	20.22
		2502.5 (20775)	21.73	21.55	21.56	20.20
	12RB-High (13)	2567.5 (21425)	21.53	21.26	21.24	20.23
		2535 (21100)	21.81	21.51	21.48	20.28
		2502.5 (20775)	21.77	21.57	21.56	20.36
	12RB-Middle (6)	2567.5 (21425)	21.53	21.30	21.28	20.21
		2535 (21100)	21.75	21.67	21.64	20.37
		2502.5 (20775)	21.84	21.51	21.48	20.39
	12RB-Low (0)	2567.5 (21425)	21.48	21.10	21.07	20.27
		2535 (21100)	21.82	21.53	21.52	20.36
		2502.5 (20775)	21.71	21.43	21.42	20.35
	25RB (0)	2567.5 (21425)	21.53	21.14	21.13	20.19
		2535 (21100)	21.90	21.55	21.52	20.25
		2502.5 (20775)	21.84	21.30	21.28	20.31
10MHz	1RB-High (49)	2565 (21400)	21.48	21.77	21.75	20.22
		2535 (21100)	21.57	21.47	21.71	20.29
		2505 (20800)	21.73	21.37	21.52	20.50
	1RB-Middle (24)	2565 (21400)	21.50	21.75	21.71	20.18
		2535 (21100)	21.69	21.82	21.42	20.46
		2505 (20800)	21.67	21.67	21.44	20.22
	1RB-Low (0)	2565 (21400)	21.61	21.65	21.62	20.15
		2535 (21100)	21.65	21.37	21.52	20.35
		2505 (20800)	21.65	21.43	21.52	20.33
	25RB-High (25)	2565 (21400)	21.48	21.20	21.17	20.30
		2535 (21100)	21.82	21.45	21.44	20.31
		2505 (20800)	21.77	21.49	21.46	20.32
	25RB-Middle (12)	2565 (21400)	21.57	21.30	21.28	20.24
		2535 (21100)	21.90	21.53	21.52	20.31
		2505 (20800)	21.84	21.51	21.50	20.33
	25RB-Low (0)	2565 (21400)	21.63	21.24	21.22	20.20
		2535 (21100)	21.75	21.49	21.46	20.27
		2505 (20800)	21.84	21.51	21.50	20.40
	50RB (0)	2565 (21400)	21.53	21.18	21.17	20.14
		2535 (21100)	21.65	21.34	21.32	20.21
		2505 (20800)	21.79	21.45	21.44	20.33

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15MHz	1RB-High (74)	2562.5 (21375)	21.05	21.04	21.03	20.20
		2535 (21100)	21.13	21.14	21.13	20.32
		2507.5 (20825)	21.48	21.41	21.40	20.35
	1RB-Middle (37)	2562.5 (21375)	21.40	21.24	21.22	20.28
		2535 (21100)	21.28	21.51	21.48	20.31
		2507.5 (20825)	21.52	21.32	21.30	20.35
	1RB-Low (0)	2562.5 (21375)	21.53	21.47	21.46	20.30
		2535 (21100)	21.32	21.81	21.77	20.45
		2507.5 (20825)	21.38	21.32	21.30	20.28
	36RB-High (38)	2562.5 (21375)	21.34	21.10	21.07	20.04
		2535 (21100)	21.53	21.32	21.30	20.10
		2507.5 (20825)	21.71	21.39	21.38	20.23
	36RB-Middle (19)	2562.5 (21375)	21.34	21.14	21.13	20.08
		2535 (21100)	21.73	21.34	21.32	20.11
		2507.5 (20825)	21.61	21.30	21.28	20.31
	36RB-Low (0)	2562.5 (21375)	21.57	21.16	21.15	20.11
		2535 (21100)	21.65	21.28	21.26	20.18
		2507.5 (20825)	21.65	21.30	21.28	20.20
	75RB (0)	2562.5 (21375)	21.52	21.14	21.13	20.08
		2535 (21100)	21.52	21.26	21.24	20.18
		2507.5 (20825)	21.61	21.37	21.36	20.22
20MHz	1RB-High (99)	2560 (21350)	21.67	21.80	21.69	20.02
		2535 (21100)	21.42	21.63	21.50	20.07
		2510 (20850)	21.06	21.27	21.09	20.35
	1RB-Middle (50)	2560 (21350)	21.53	21.81	21.85	20.32
		2535 (21100)	21.25	21.67	21.71	20.18
		2510 (20850)	21.01	21.70	21.67	20.25
	1RB-Low (0)	2560 (21350)	21.48	21.75	21.65	20.25
		2535 (21100)	21.13	21.57	21.21	20.24
		2510 (20850)	20.92	21.11	21.08	20.34
	50RB-High (50)	2560 (21350)	21.56	21.69	21.60	20.04
		2535 (21100)	21.42	21.51	21.53	20.20
		2510 (20850)	21.09	21.20	21.13	20.24
	50RB-Middle (25)	2560 (21350)	21.70	21.66	21.64	20.06
		2535 (21100)	21.46	21.52	21.46	20.18
		2510 (20850)	21.09	21.11	21.10	20.26
	50RB-Low (0)	2560 (21350)	21.63	21.65	21.62	20.14
		2535 (21100)	21.29	21.37	21.30	20.14
		2510 (20850)	21.05	21.07	21.07	20.31
	100RB (0)	2560 (21350)	21.57	21.64	21.54	20.18
		2535 (21100)	21.43	21.45	21.47	20.15
		2510 (20850)	21.11	21.13	21.08	20.24

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LTE Band7(ANT2 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	11.06	11.31	11.32	11.34
		2535 (21100)	11.16	11.32	11.35	11.37
		2502.5 (20775)	11.21	11.24	11.32	11.35
	1RB-Middle (12)	2567.5 (21425)	11.11	11.32	11.33	11.35
		2535 (21100)	11.23	11.27	11.41	11.43
		2502.5 (20775)	11.19	11.27	11.44	11.47
	1RB-Low (0)	2567.5 (21425)	11.06	11.45	11.46	11.48
		2535 (21100)	11.23	11.34	11.43	11.45
		2502.5 (20775)	11.24	11.36	11.38	11.40
	12RB-High (13)	2567.5 (21425)	11.14	11.21	11.22	11.24
		2535 (21100)	11.28	11.34	11.34	11.37
		2502.5 (20775)	11.26	11.37	11.38	11.41
	12RB-Middle (6)	2567.5 (21425)	11.14	11.23	11.24	11.26
		2535 (21100)	11.25	11.42	11.42	11.45
		2502.5 (20775)	11.30	11.34	11.34	11.37
	12RB-Low (0)	2567.5 (21425)	11.11	11.13	11.13	11.16
		2535 (21100)	11.29	11.35	11.36	11.38
		2502.5 (20775)	11.23	11.30	11.31	11.33
	25RB (0)	2567.5 (21425)	11.14	11.15	11.16	11.18
		2535 (21100)	11.33	11.36	11.36	11.39
		2502.5 (20775)	11.30	11.23	11.24	11.26
10MHz	1RB-High (49)	2565 (21400)	11.11	11.47	11.48	11.30
		2535 (21100)	11.16	11.32	11.46	11.48
		2505 (20800)	11.24	11.27	11.36	11.39
	1RB-Middle (24)	2565 (21400)	11.12	11.46	11.46	11.29
		2535 (21100)	11.22	11.50	11.31	11.33
		2505 (20800)	11.21	11.42	11.32	11.35
	1RB-Low (0)	2565 (21400)	11.18	11.41	11.41	11.44
		2535 (21100)	11.20	11.27	11.36	11.38
		2505 (20800)	11.20	11.30	11.36	11.38
	25RB-High (25)	2565 (21400)	11.11	11.18	11.18	11.21
		2535 (21100)	11.29	11.31	11.32	11.34
		2505 (20800)	11.26	11.33	11.33	11.36
	25RB-Middle (12)	2565 (21400)	11.16	11.23	11.24	11.26
		2535 (21100)	11.33	11.35	11.36	11.38
		2505 (20800)	11.30	11.34	11.35	11.38
	25RB-Low (0)	2565 (21400)	11.19	11.20	11.21	11.23
		2535 (21100)	11.25	11.33	11.33	11.36
		2505 (20800)	11.30	11.34	11.35	11.38
	50RB (0)	2565 (21400)	11.14	11.17	11.18	11.20
		2535 (21100)	11.20	11.25	11.26	11.28
		2505 (20800)	11.27	11.31	11.32	11.34

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15MHz	1RB-High (74)	2562.5 (21375)	10.89	11.10	11.11	11.14
		2535 (21100)	10.93	11.15	11.16	11.18
		2507.5 (20825)	11.11	11.29	11.30	11.32
	1RB-Middle (37)	2562.5 (21375)	11.07	11.20	11.21	11.23
		2535 (21100)	11.01	11.34	11.34	11.37
		2507.5 (20825)	11.13	11.24	11.25	11.27
	1RB-Low (0)	2562.5 (21375)	11.14	11.32	11.33	11.35
		2535 (21100)	11.03	11.49	11.49	11.22
		2507.5 (20825)	11.06	11.24	11.25	11.27
	36RB-High (38)	2562.5 (21375)	11.04	11.13	11.13	11.16
		2535 (21100)	11.14	11.24	11.25	11.27
		2507.5 (20825)	11.23	11.28	11.29	11.31
	36RB-Middle (19)	2562.5 (21375)	11.04	11.15	11.16	11.19
		2535 (21100)	11.24	11.25	11.26	11.28
		2507.5 (20825)	11.18	11.23	11.24	11.26
	36RB-Low (0)	2562.5 (21375)	11.16	11.16	11.17	11.20
		2535 (21100)	11.20	11.22	11.23	11.25
		2507.5 (20825)	11.20	11.23	11.24	11.26
	75RB (0)	2562.5 (21375)	11.13	11.15	11.16	11.18
		2535 (21100)	11.13	11.21	11.22	11.24
		2507.5 (20825)	11.18	11.27	11.28	11.30
20MHz	1RB-High (99)	2560 (21350)	10.80	11.13	11.09	11.11
		2535 (21100)	11.01	10.99	11.28	11.30
		2510 (20850)	10.98	10.98	11.33	11.35
	1RB-Middle (50)	2560 (21350)	10.96	11.36	11.08	11.11
		2535 (21100)	10.91	11.16	11.49	11.27
		2510 (20850)	11.21	11.10	11.23	11.25
	1RB-Low (0)	2560 (21350)	10.95	11.01	11.33	11.35
		2535 (21100)	11.09	11.00	11.32	11.34
		2510 (20850)	11.04	11.26	11.22	11.24
	50RB-High (50)	2560 (21350)	11.01	11.05	11.13	11.16
		2535 (21100)	11.10	11.16	11.22	11.24
		2510 (20850)	11.19	11.19	11.32	11.34
	50RB-Middle (25)	2560 (21350)	11.10	11.05	11.12	11.14
		2535 (21100)	11.06	11.05	11.16	11.18
		2510 (20850)	11.20	11.22	11.28	11.30
	50RB-Low (0)	2560 (21350)	10.99	11.06	11.14	11.17
		2535 (21100)	11.12	11.10	11.20	11.22
		2510 (20850)	11.21	11.15	11.28	11.30
	100RB (0)	2560 (21350)	11.01	11.00	11.15	11.17
		2535 (21100)	11.13	11.07	11.19	11.22
		2510 (20850)	11.24	11.26	11.27	11.29

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LTE Band7(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	18.41	18.81	18.86	18.79
		2535 (21100)	18.59	18.84	18.80	18.73
		2502.5 (20775)	18.67	18.69	18.75	18.68
	1RB-Middle (12)	2567.5 (21425)	18.50	18.82	18.88	18.81
		2535 (21100)	18.71	18.75	18.89	18.83
		2502.5 (20775)	18.64	18.74	18.95	18.89
	1RB-Low (0)	2567.5 (21425)	18.41	18.60	18.64	18.57
		2535 (21100)	18.71	18.86	18.93	18.86
		2502.5 (20775)	18.72	18.89	18.84	18.78
	12RB-High (13)	2567.5 (21425)	18.56	18.65	18.70	18.63
		2535 (21100)	18.78	18.86	18.90	18.84
		2502.5 (20775)	18.76	18.92	18.51	18.90
	12RB-Middle (6)	2567.5 (21425)	18.56	18.68	18.73	18.66
		2535 (21100)	18.74	18.54	18.58	18.53
		2502.5 (20775)	18.81	18.86	18.90	18.84
	12RB-Low (0)	2567.5 (21425)	18.51	18.51	18.55	18.49
		2535 (21100)	18.80	18.88	18.92	18.87
		2502.5 (20775)	18.70	18.80	18.85	18.78
	25RB (0)	2567.5 (21425)	18.56	18.54	18.59	18.53
		2535 (21100)	18.87	18.89	18.94	18.88
		2502.5 (20775)	18.83	18.68	18.73	18.66
10MHz	1RB-High (49)	2565 (21400)	18.51	18.63	18.68	18.61
		2535 (21100)	18.58	18.84	18.98	18.91
		2505 (20800)	18.72	18.75	18.82	18.76
	1RB-Middle (24)	2565 (21400)	18.52	18.61	18.65	18.59
		2535 (21100)	18.68	18.68	18.72	18.66
		2505 (20800)	18.67	18.70	18.75	18.68
	1RB-Low (0)	2565 (21400)	18.63	18.53	18.57	18.51
		2535 (21100)	18.66	18.74	18.81	18.74
		2505 (20800)	18.66	18.79	18.81	18.74
	25RB-High (25)	2565 (21400)	18.50	18.59	18.64	18.58
		2535 (21100)	18.80	18.81	18.86	18.79
		2505 (20800)	18.76	18.85	18.89	18.83
	25RB-Middle (12)	2565 (21400)	18.59	18.68	18.73	18.66
		2535 (21100)	18.87	18.88	18.92	18.87
		2505 (20800)	18.83	18.87	18.91	18.86
	25RB-Low (0)	2565 (21400)	18.64	18.64	18.68	18.61
		2535 (21100)	18.74	18.85	18.89	18.83
		2505 (20800)	18.81	18.87	18.91	18.86
	50RB (0)	2565 (21400)	18.56	18.58	18.62	18.56
		2535 (21100)	18.65	18.71	18.76	18.69
		2505 (20800)	18.77	18.81	18.86	18.79

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15MHz	1RB-High (74)	2562.5 (21375)	18.13	18.47	18.52	18.46
		2535 (21100)	18.20	18.54	18.59	18.53
		2507.5 (20825)	18.50	18.78	18.83	18.76
	1RB-Middle (37)	2562.5 (21375)	18.44	18.64	18.68	18.61
		2535 (21100)	18.33	18.86	18.90	18.84
		2507.5 (20825)	18.54	18.69	18.74	18.67
	1RB-Low (0)	2562.5 (21375)	18.56	18.82	18.88	18.81
		2535 (21100)	18.37	18.66	18.70	18.63
		2507.5 (20825)	18.41	18.69	18.74	18.67
	36RB-High (38)	2562.5 (21375)	18.39	18.51	18.55	18.49
		2535 (21100)	18.56	18.69	18.74	18.67
		2507.5 (20825)	18.70	18.77	18.82	18.75
	36RB-Middle (19)	2562.5 (21375)	18.39	18.55	18.60	18.54
		2535 (21100)	18.72	18.71	18.76	18.69
		2507.5 (20825)	18.63	18.68	18.73	18.66
	36RB-Low (0)	2562.5 (21375)	18.58	18.57	18.61	18.55
		2535 (21100)	18.66	18.67	18.72	18.65
		2507.5 (20825)	18.66	18.68	18.73	18.66
	75RB (0)	2562.5 (21375)	18.54	18.54	18.59	18.53
		2535 (21100)	18.53	18.65	18.70	18.63
		2507.5 (20825)	18.63	18.74	18.79	18.72
20MHz	1RB-High (99)	2560 (21350)	18.40	18.51	18.48	18.42
		2535 (21100)	18.38	18.54	18.80	18.73
		2510 (20850)	18.73	18.53	18.88	18.81
	1RB-Middle (50)	2560 (21350)	18.48	18.52	18.47	18.41
		2535 (21100)	18.67	18.65	18.70	18.63
		2510 (20850)	18.84	18.72	18.72	18.65
	1RB-Low (0)	2560 (21350)	18.83	18.58	18.88	18.81
		2535 (21100)	18.66	18.58	18.86	18.79
		2510 (20850)	18.77	18.64	18.70	18.63
	50RB-High (50)	2560 (21350)	18.60	18.53	18.55	18.49
		2535 (21100)	18.68	18.68	18.70	18.63
		2510 (20850)	18.71	18.75	18.86	18.79
	50RB-Middle (25)	2560 (21350)	18.62	18.63	18.53	18.47
		2535 (21100)	18.72	18.66	18.59	18.53
		2510 (20850)	18.77	18.75	18.80	18.73
	50RB-Low (0)	2560 (21350)	18.76	18.56	18.56	18.50
		2535 (21100)	18.71	18.63	18.66	18.60
		2510 (20850)	18.76	18.73	18.79	18.72
	100RB (0)	2560 (21350)	18.70	18.52	18.58	18.52
		2535 (21100)	18.60	18.64	18.65	18.59
		2510 (20850)	18.72	18.73	18.78	18.71

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LTE Band7(ANT3 DSI 1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	22.31	22.47	22.49	19.55
		2535 (21100)	22.49	22.57	22.37	19.45
		2502.5 (20775)	22.48	22.79	22.33	19.41
	1RB-Middle (12)	2567.5 (21425)	22.30	22.72	22.64	19.68
		2535 (21100)	22.58	22.78	22.44	19.51
		2502.5 (20775)	22.51	22.77	22.57	19.62
	1RB-Low (0)	2567.5 (21425)	22.32	22.55	22.43	19.50
		2535 (21100)	22.53	22.78	22.33	19.41
		2502.5 (20775)	22.58	22.80	22.45	19.52
	12RB-High (13)	2567.5 (21425)	22.36	22.32	21.45	19.44
		2535 (21100)	22.59	22.58	21.36	19.36
		2502.5 (20775)	22.53	22.63	21.37	19.37
	12RB-Middle (6)	2567.5 (21425)	22.44	22.48	21.62	19.60
		2535 (21100)	22.57	22.68	21.40	19.40
		2502.5 (20775)	22.62	22.68	21.40	19.40
	12RB-Low (0)	2567.5 (21425)	22.33	22.45	21.50	19.49
		2535 (21100)	22.53	22.62	21.43	19.42
		2502.5 (20775)	22.55	22.66	21.42	19.41
	25RB (0)	2567.5 (21425)	22.32	22.43	21.41	19.41
		2535 (21100)	22.55	22.61	21.29	19.30
		2502.5 (20775)	22.57	22.63	21.38	19.38
10MHz	1RB-High (49)	2565 (21400)	22.31	22.61	22.58	19.63
		2535 (21100)	22.44	22.75	22.29	19.38
		2505 (20800)	22.54	22.76	22.30	19.39
	1RB-Middle (24)	2565 (21400)	22.34	22.69	22.52	19.58
		2535 (21100)	22.53	22.72	22.55	19.60
		2505 (20800)	22.52	22.78	22.32	19.40
	1RB-Low (0)	2565 (21400)	22.33	22.76	22.62	19.66
		2535 (21100)	22.53	22.72	22.42	19.49
		2505 (20800)	22.51	22.73	22.34	19.42
	25RB-High (25)	2565 (21400)	22.36	22.36	21.47	19.46
		2535 (21100)	22.58	22.62	21.41	19.41
		2505 (20800)	22.61	22.61	21.32	19.32
	25RB-Middle (12)	2565 (21400)	22.40	22.49	21.58	19.57
		2535 (21100)	22.60	22.59	21.39	19.39
		2505 (20800)	22.59	22.71	21.24	19.25
	25RB-Low (0)	2565 (21400)	22.41	22.46	21.37	19.37
		2535 (21100)	22.51	22.51	21.40	19.40
		2505 (20800)	22.59	22.58	21.37	19.37
	50RB (0)	2565 (21400)	22.35	22.40	21.50	19.49
		2535 (21100)	22.51	22.54	21.36	19.36
		2505 (20800)	22.59	22.61	21.13	19.15

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15MHz	1RB-High (74)	2562.5 (21375)	22.29	22.78	22.17	19.27
		2535 (21100)	22.31	22.64	22.11	19.22
		2507.5 (20825)	22.47	22.68	22.05	19.17
	1RB-Middle (37)	2562.5 (21375)	22.38	22.48	22.42	19.49
		2535 (21100)	22.26	22.73	22.25	19.34
		2507.5 (20825)	22.30	22.53	22.06	19.18
	1RB-Low (0)	2562.5 (21375)	22.23	22.45	22.36	19.44
		2535 (21100)	22.32	22.46	22.10	19.21
		2507.5 (20825)	22.17	22.72	22.20	19.30
	36RB-High (38)	2562.5 (21375)	22.35	22.19	21.22	19.23
		2535 (21100)	22.46	22.52	21.18	19.20
		2507.5 (20825)	22.44	22.48	21.42	19.41
	36RB-Middle (19)	2562.5 (21375)	22.30	22.32	21.29	19.30
		2535 (21100)	22.48	22.52	21.26	19.27
		2507.5 (20825)	22.53	22.52	21.22	19.23
	36RB-Low (0)	2562.5 (21375)	22.32	22.38	21.34	19.34
		2535 (21100)	22.39	22.40	21.20	19.21
		2507.5 (20825)	22.43	22.45	21.17	19.19
	75RB (0)	2562.5 (21375)	22.27	22.27	21.33	19.33
		2535 (21100)	22.35	22.28	21.23	19.24
		2507.5 (20825)	22.48	22.46	21.17	19.19
20MHz	1RB-High (99)	2560 (21350)	22.04	22.35	22.52	19.58
		2535 (21100)	22.35	22.56	22.26	19.35
		2510 (20850)	22.53	22.58	22.11	19.22
	1RB-Middle (50)	2560 (21350)	22.22	22.64	22.38	19.46
		2535 (21100)	22.23	22.75	22.39	19.46
		2510 (20850)	22.23	22.73	22.54	19.60
	1RB-Low (0)	2560 (21350)	22.24	22.60	22.35	19.43
		2535 (21100)	22.37	22.65	22.26	19.35
		2510 (20850)	22.37	22.50	22.34	19.42
	50RB-High (50)	2560 (21350)	22.26	22.29	21.36	19.36
		2535 (21100)	22.37	22.35	21.26	19.36
		2510 (20850)	22.44	22.45	21.08	19.27
	50RB-Middle (25)	2560 (21350)	22.32	22.35	21.33	19.11
		2535 (21100)	22.26	22.37	21.27	19.33
		2510 (20850)	22.48	22.44	21.24	19.28
	50RB-Low (0)	2560 (21350)	22.42	22.32	21.35	19.25
		2535 (21100)	22.37	22.39	21.19	19.35
		2510 (20850)	22.45	22.44	21.21	19.21
	100RB (0)	2560 (21350)	22.35	22.32	21.33	19.22
		2535 (21100)	22.41	22.35	21.22	19.33
		2510 (20850)	22.42	22.44	21.19	19.23

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LTE Band7(ANT3 DSI 5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	24.50	23.80	22.60	19.66
		2535 (21100)	24.30	23.69	22.48	19.56
		2502.5 (20775)	24.44	23.68	22.44	19.52
	1RB-Middle (12)	2567.5 (21425)	24.58	23.56	22.75	19.79
		2535 (21100)	24.70	23.66	22.55	19.62
		2502.5 (20775)	24.44	23.44	22.68	19.73
	1RB-Low (0)	2567.5 (21425)	24.47	23.76	22.54	19.61
		2535 (21100)	24.37	23.75	22.44	19.52
		2502.5 (20775)	24.46	23.77	22.56	19.63
	12RB-High (13)	2567.5 (21425)	23.54	22.69	21.55	19.55
		2535 (21100)	23.39	22.46	21.46	19.47
		2502.5 (20775)	23.48	22.53	21.47	19.48
	12RB-Middle (6)	2567.5 (21425)	23.60	22.61	21.73	19.71
		2535 (21100)	23.46	22.52	21.50	19.51
		2502.5 (20775)	23.49	22.55	21.50	19.51
	12RB-Low (0)	2567.5 (21425)	23.57	22.70	21.60	19.60
		2535 (21100)	23.39	22.50	21.53	19.53
		2502.5 (20775)	23.49	22.49	21.52	19.52
	25RB (0)	2567.5 (21425)	23.57	22.65	21.51	19.52
		2535 (21100)	23.46	22.49	21.39	19.41
		2502.5 (20775)	23.52	22.48	21.48	19.49
10MHz	1RB-High (49)	2565 (21400)	24.48	23.57	22.69	19.74
		2535 (21100)	24.36	23.52	22.40	19.49
		2505 (20800)	24.28	23.25	22.41	19.50
	1RB-Middle (24)	2565 (21400)	24.59	23.55	22.63	19.69
		2535 (21100)	24.35	23.33	22.66	19.71
		2505 (20800)	24.47	23.38	22.43	19.51
	1RB-Low (0)	2565 (21400)	24.62	23.50	22.73	19.77
		2535 (21100)	24.32	23.33	22.53	19.60
		2505 (20800)	24.41	23.56	22.45	19.53
	25RB-High (25)	2565 (21400)	23.60	22.65	21.57	19.57
		2535 (21100)	23.50	22.50	21.51	19.52
		2505 (20800)	23.33	22.33	21.42	19.43
	25RB-Middle (12)	2565 (21400)	23.63	22.68	21.69	19.68
		2535 (21100)	23.52	22.50	21.49	19.50
		2505 (20800)	23.49	22.55	21.34	19.36
	25RB-Low (0)	2565 (21400)	23.56	22.51	21.47	19.48
		2535 (21100)	23.50	22.49	21.50	19.51
		2505 (20800)	23.50	22.44	21.47	19.48
	50RB (0)	2565 (21400)	23.66	22.61	21.60	19.60
		2535 (21100)	23.47	22.53	21.46	19.47
		2505 (20800)	23.30	22.40	21.23	19.26

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15MHz	1RB-High (74)	2562.5 (21375)	24.32	23.54	22.28	19.38
		2535 (21100)	24.24	23.53	22.22	19.33
		2507.5 (20825)	24.08	23.34	22.16	19.28
	1RB-Middle (37)	2562.5 (21375)	24.37	23.50	22.53	19.60
		2535 (21100)	24.21	23.45	22.36	19.45
		2507.5 (20825)	24.16	23.31	22.17	19.29
	1RB-Low (0)	2562.5 (21375)	24.36	23.55	22.47	19.55
		2535 (21100)	24.13	23.40	22.21	19.32
		2507.5 (20825)	24.14	23.49	22.31	19.41
	36RB-High (38)	2562.5 (21375)	23.47	22.48	21.32	19.34
		2535 (21100)	23.24	22.35	21.28	19.31
		2507.5 (20825)	23.25	22.30	21.52	19.52
	36RB-Middle (19)	2562.5 (21375)	23.40	22.41	21.39	19.41
		2535 (21100)	23.33	22.32	21.36	19.38
		2507.5 (20825)	23.29	22.32	21.32	19.34
	36RB-Low (0)	2562.5 (21375)	23.36	22.36	21.44	19.45
		2535 (21100)	23.28	22.39	21.30	19.32
		2507.5 (20825)	23.30	22.34	21.27	19.30
	75RB (0)	2562.5 (21375)	23.38	22.50	21.43	19.44
		2535 (21100)	23.32	22.27	21.33	19.35
		2507.5 (20825)	23.32	22.33	21.27	19.30
20MHz	1RB-High (99)	2560 (21350)	24.27	23.59	22.63	19.69
		2535 (21100)	24.22	23.47	22.37	19.46
		2510 (20850)	24.09	23.27	22.22	19.33
	1RB-Middle (50)	2560 (21350)	24.29	23.78	22.49	19.57
		2535 (21100)	24.25	23.52	22.50	19.57
		2510 (20850)	24.18	23.66	22.65	19.71
	1RB-Low (0)	2560 (21350)	24.69	23.41	22.46	19.54
		2535 (21100)	24.09	23.60	22.37	19.46
		2510 (20850)	24.17	23.67	22.45	19.53
	50RB-High (50)	2560 (21350)	23.40	22.47	21.46	19.47
		2535 (21100)	23.24	22.32	21.36	19.47
		2510 (20850)	23.11	22.15	21.18	19.38
	50RB-Middle (25)	2560 (21350)	23.37	22.39	21.43	19.22
		2535 (21100)	23.30	22.33	21.37	19.44
		2510 (20850)	23.34	22.33	21.34	19.39
	50RB-Low (0)	2560 (21350)	23.37	22.46	21.45	19.36
		2535 (21100)	23.26	22.32	21.29	19.46
		2510 (20850)	23.35	22.39	21.31	19.32
	100RB (0)	2560 (21350)	23.39	22.41	21.43	19.33
		2535 (21100)	23.31	22.34	21.32	19.44
		2510 (20850)	23.32	22.19	21.29	19.34

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LTE Band7(ANT3 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	14.74	14.91	14.66	14.50
		2535 (21100)	14.88	14.93	14.96	14.80
		2502.5 (20775)	14.95	14.82	14.92	14.76
	1RB-Middle (12)	2567.5 (21425)	14.81	14.92	14.67	14.51
		2535 (21100)	14.98	14.87	14.73	14.88
		2502.5 (20775)	14.92	14.86	14.78	14.92
	1RB-Low (0)	2567.5 (21425)	14.74	14.80	14.84	14.68
		2535 (21100)	14.98	14.95	14.76	14.90
		2502.5 (20775)	14.99	14.98	15.00	14.84
	12RB-High (13)	2567.5 (21425)	14.85	14.78	14.53	14.37
		2535 (21100)	14.74	14.95	14.69	14.54
		2502.5 (20775)	14.72	15.00	14.74	14.59
	12RB-Middle (6)	2567.5 (21425)	14.85	14.81	14.56	14.40
		2535 (21100)	14.71	14.75	14.79	14.64
		2502.5 (20775)	14.77	14.95	14.69	14.54
	12RB-Low (0)	2567.5 (21425)	14.82	14.67	14.42	14.27
		2535 (21100)	14.76	14.97	14.71	14.56
		2502.5 (20775)	14.97	14.90	14.65	14.49
	25RB (0)	2567.5 (21425)	14.85	14.70	14.45	14.30
		2535 (21100)	14.81	14.98	14.72	14.57
		2502.5 (20775)	14.77	14.81	14.56	14.40
10MHz	1RB-High (49)	2565 (21400)	14.82	14.83	14.87	14.71
		2535 (21100)	14.87	14.93	14.80	14.94
		2505 (20800)	14.99	14.87	14.98	14.82
	1RB-Middle (24)	2565 (21400)	14.83	14.81	14.85	14.69
		2535 (21100)	14.96	14.86	14.90	14.74
		2505 (20800)	14.95	14.88	14.92	14.76
	1RB-Low (0)	2565 (21400)	14.91	14.74	14.78	14.63
		2535 (21100)	14.94	14.86	14.97	14.81
		2505 (20800)	14.94	14.89	14.97	14.81
	25RB-High (25)	2565 (21400)	14.81	14.73	14.48	14.33
		2535 (21100)	14.76	14.91	14.66	14.50
		2505 (20800)	14.72	14.94	14.68	14.53
	25RB-Middle (12)	2565 (21400)	14.88	14.81	14.56	14.40
		2535 (21100)	14.81	14.97	14.71	14.56
		2505 (20800)	14.77	14.96	14.70	14.55
	25RB-Low (0)	2565 (21400)	14.92	14.77	14.52	14.36
		2535 (21100)	14.71	14.94	14.68	14.53
		2505 (20800)	14.77	14.96	14.70	14.55
	50RB (0)	2565 (21400)	14.85	14.73	14.48	14.32
		2535 (21100)	14.93	14.83	14.58	14.42
		2505 (20800)	14.73	14.91	14.66	14.50

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15MHz	1RB-High (74)	2562.5 (21375)	14.81	14.64	14.39	14.24
		2535 (21100)	14.87	14.70	14.45	14.30
		2507.5 (20825)	14.81	14.88	14.63	14.47
	1RB-Middle (37)	2562.5 (21375)	14.76	14.77	14.52	14.36
		2535 (21100)	14.97	14.95	14.69	14.54
		2507.5 (20825)	14.84	14.82	14.57	14.41
	1RB-Low (0)	2562.5 (21375)	14.85	14.92	14.67	14.51
		2535 (21100)	15.00	14.85	14.88	14.73
		2507.5 (20825)	14.74	14.82	14.57	14.41
	36RB-High (38)	2562.5 (21375)	14.72	14.67	14.42	14.27
		2535 (21100)	14.85	14.82	14.57	14.41
		2507.5 (20825)	14.97	14.87	14.62	14.46
	36RB-Middle (19)	2562.5 (21375)	14.72	14.71	14.46	14.31
		2535 (21100)	14.99	14.83	14.58	14.42
		2507.5 (20825)	14.91	14.81	14.56	14.40
	36RB-Low (0)	2562.5 (21375)	14.87	14.72	14.47	14.32
		2535 (21100)	14.94	14.80	14.55	14.39
		2507.5 (20825)	14.94	14.81	14.56	14.40
	75RB (0)	2562.5 (21375)	14.84	14.70	14.45	14.30
		2535 (21100)	14.84	14.78	14.53	14.37
		2507.5 (20825)	14.91	14.86	14.61	14.45
20MHz	1RB-High (99)	2560 (21350)	14.68	14.85	14.78	14.21
		2535 (21100)	14.60	15.00	15.16	14.46
		2510 (20850)	14.50	14.77	14.43	14.51
	1RB-Middle (50)	2560 (21350)	14.71	15.22	15.14	14.20
		2535 (21100)	14.49	14.96	14.69	14.73
		2510 (20850)	14.71	14.80	14.55	14.39
	1RB-Low (0)	2560 (21350)	14.69	15.14	14.82	14.51
		2535 (21100)	14.72	14.95	14.60	14.50
		2510 (20850)	14.56	14.40	14.34	14.37
	50RB-High (50)	2560 (21350)	14.89	14.94	14.95	14.27
		2535 (21100)	14.75	14.85	14.81	14.37
		2510 (20850)	14.39	14.38	14.42	14.50
	50RB-Middle (25)	2560 (21350)	14.81	14.99	14.95	14.25
		2535 (21100)	14.68	14.77	14.73	14.30
		2510 (20850)	14.32	14.34	14.36	14.46
	50RB-Low (0)	2560 (21350)	14.88	14.89	14.91	14.28
		2535 (21100)	14.60	14.69	14.64	14.35
		2510 (20850)	14.29	14.31	14.33	14.45
	100RB (0)	2560 (21350)	14.90	14.88	14.90	14.29
		2535 (21100)	14.69	14.78	14.73	14.34
		2510 (20850)	14.27	14.36	14.39	14.44

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LTE Band7(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	21.96	22.03	21.55	19.07
		2535 (21100)	21.85	21.99	21.61	19.12
		2502.5 (20775)	21.27	21.57	21.55	19.09
	1RB-Middle (12)	2567.5 (21425)	22.02	22.05	21.57	19.09
		2535 (21100)	21.63	22.02	21.72	19.22
		2502.5 (20775)	21.19	21.61	21.78	19.29
	1RB-Low (0)	2567.5 (21425)	21.99	22.07	21.82	19.31
		2535 (21100)	21.62	21.99	21.76	19.25
		2502.5 (20775)	21.23	21.54	21.66	19.17
	12RB-High (13)	2567.5 (21425)	22.06	22.16	20.96	18.90
		2535 (21100)	21.81	21.80	21.19	19.12
		2502.5 (20775)	21.32	21.36	21.26	19.19
	12RB-Middle (6)	2567.5 (21425)	22.15	22.17	21.00	18.94
		2535 (21100)	21.76	21.83	21.34	19.25
		2502.5 (20775)	21.32	21.40	21.19	19.12
	12RB-Low (0)	2567.5 (21425)	21.98	22.11	20.79	18.77
		2535 (21100)	21.76	21.82	21.23	19.14
		2502.5 (20775)	21.30	21.32	21.13	19.05
	25RB (0)	2567.5 (21425)	22.12	22.15	20.85	18.80
		2535 (21100)	21.70	21.75	21.23	19.15
		2502.5 (20775)	21.30	21.30	21.00	18.94
10MHz	1RB-High (49)	2565 (21400)	21.92	22.03	21.85	19.00
		2535 (21100)	21.80	22.13	21.82	19.31
		2505 (20800)	21.48	21.89	21.63	19.15
	1RB-Middle (24)	2565 (21400)	22.04	22.22	21.82	18.99
		2535 (21100)	21.67	22.01	21.53	19.05
		2505 (20800)	21.29	21.86	21.55	19.09
	1RB-Low (0)	2565 (21400)	22.01	22.05	21.72	19.24
		2535 (21100)	21.61	21.99	21.63	19.14
		2505 (20800)	21.10	21.72	21.63	19.14
	25RB-High (25)	2565 (21400)	22.16	22.05	20.88	18.85
		2535 (21100)	21.79	21.76	21.15	19.07
		2505 (20800)	21.32	21.37	21.17	19.10
	25RB-Middle (12)	2565 (21400)	22.02	22.08	21.00	18.94
		2535 (21100)	21.79	21.79	21.23	19.14
		2505 (20800)	21.41	21.42	21.21	19.14
	25RB-Low (0)	2565 (21400)	22.03	21.98	20.94	18.89
		2535 (21100)	21.66	21.64	21.17	19.10
		2505 (20800)	21.33	21.40	21.21	19.14
	50RB (0)	2565 (21400)	22.02	21.99	20.88	18.83
		2535 (21100)	21.72	21.73	21.04	18.97
		2505 (20800)	21.39	21.42	21.15	19.07

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15MHz	1RB-High (74)	2562.5 (21375)	21.70	22.16	21.15	18.73
		2535 (21100)	21.65	22.02	21.25	18.80
		2507.5 (20825)	21.10	21.19	21.51	19.04
	1RB-Middle (37)	2562.5 (21375)	21.81	22.20	21.34	18.89
		2535 (21100)	21.47	21.84	21.59	19.12
		2507.5 (20825)	21.09	21.38	21.42	18.95
	1RB-Low (0)	2562.5 (21375)	21.83	22.07	21.57	19.09
		2535 (21100)	21.38	21.66	21.87	18.87
		2507.5 (20825)	21.06	21.40	21.42	18.95
	36RB-High (38)	2562.5 (21375)	22.02	22.00	20.79	18.77
		2535 (21100)	21.67	21.71	21.02	18.95
		2507.5 (20825)	21.27	21.31	21.09	19.02
	36RB-Middle (19)	2562.5 (21375)	21.90	21.86	20.85	18.82
		2535 (21100)	21.65	21.67	21.04	18.97
		2507.5 (20825)	21.26	21.24	21.00	18.94
	36RB-Low (0)	2562.5 (21375)	21.86	22.03	20.86	18.83
		2535 (21100)	21.52	21.49	20.98	18.92
		2507.5 (20825)	21.24	21.30	21.00	18.94
	75RB (0)	2562.5 (21375)	21.98	21.92	20.85	18.80
		2535 (21100)	21.65	21.61	20.96	18.90
		2507.5 (20825)	21.28	21.29	21.07	19.00
20MHz	1RB-High (99)	2560 (21350)	21.53	22.11	21.11	18.68
		2535 (21100)	21.77	21.98	21.47	19.00
		2510 (20850)	21.28	21.51	21.57	19.09
	1RB-Middle (50)	2560 (21350)	21.83	22.21	21.09	18.68
		2535 (21100)	21.59	21.73	21.87	18.95
		2510 (20850)	21.19	21.50	21.38	18.92
	1RB-Low (0)	2560 (21350)	21.81	22.18	21.57	19.09
		2535 (21100)	21.45	21.95	21.55	19.07
		2510 (20850)	21.15	21.35	21.36	18.90
	50RB-High (50)	2560 (21350)	22.00	22.02	20.79	18.77
		2535 (21100)	21.77	21.72	20.96	18.90
		2510 (20850)	21.40	21.39	21.15	19.07
	50RB-Middle (25)	2560 (21350)	21.98	22.05	20.77	18.73
		2535 (21100)	21.78	21.74	20.85	18.80
		2510 (20850)	21.35	21.26	21.07	19.00
	50RB-Low (0)	2560 (21350)	21.91	21.92	20.81	18.78
		2535 (21100)	21.67	21.60	20.92	18.87
		2510 (20850)	21.31	21.34	21.07	19.00
	100RB (0)	2560 (21350)	22.00	22.05	20.83	18.78
		2535 (21100)	21.67	21.73	20.90	18.87
		2510 (20850)	21.33	21.35	21.05	18.99

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LTE Band7(ANT4 DSI 2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	24.44	22.89	22.33	19.28
		2535 (21100)	24.06	22.98	22.21	19.18
		2502.5 (20775)	23.64	23.03	22.17	19.14
	1RB-Middle (12)	2567.5 (21425)	24.46	23.01	22.48	19.40
		2535 (21100)	24.10	23.05	22.28	19.24
		2502.5 (20775)	23.65	23.20	22.41	19.34
	1RB-Low (0)	2567.5 (21425)	24.47	23.06	22.27	19.23
		2535 (21100)	24.05	23.34	22.17	19.14
		2502.5 (20775)	23.58	23.26	22.29	19.25
	12RB-High (13)	2567.5 (21425)	23.53	22.53	21.29	19.17
		2535 (21100)	23.18	22.11	21.20	19.09
		2502.5 (20775)	22.68	21.82	21.21	19.10
	12RB-Middle (6)	2567.5 (21425)	23.53	22.65	21.47	19.33
		2535 (21100)	23.23	22.19	21.24	19.13
		2502.5 (20775)	22.74	21.85	21.24	19.13
	12RB-Low (0)	2567.5 (21425)	23.43	22.46	21.34	19.22
		2535 (21100)	23.11	22.13	21.27	19.15
		2502.5 (20775)	22.72	21.71	21.26	19.14
	25RB (0)	2567.5 (21425)	23.54	22.50	21.25	19.14
		2535 (21100)	23.17	22.18	21.13	19.03
		2502.5 (20775)	22.75	21.77	21.22	19.11
10MHz	1RB-High (49)	2565 (21400)	24.39	23.09	22.42	19.35
		2535 (21100)	24.18	23.74	22.13	19.11
		2505 (20800)	23.76	23.12	22.14	19.12
	1RB-Middle (24)	2565 (21400)	24.53	23.78	22.36	19.31
		2535 (21100)	24.11	23.38	22.39	19.33
		2505 (20800)	23.83	23.09	22.16	19.13
	1RB-Low (0)	2565 (21400)	24.50	23.14	22.46	19.38
		2535 (21100)	24.03	23.59	22.26	19.22
		2505 (20800)	23.69	23.20	22.18	19.15
	25RB-High (25)	2565 (21400)	23.61	22.59	21.31	19.19
		2535 (21100)	23.24	22.27	21.25	19.14
		2505 (20800)	22.83	21.95	21.16	19.05
	25RB-Middle (12)	2565 (21400)	23.53	22.60	21.43	19.30
		2535 (21100)	23.26	22.24	21.23	19.12
		2505 (20800)	22.84	21.84	21.08	18.98
	25RB-Low (0)	2565 (21400)	23.52	22.56	21.21	19.10
		2535 (21100)	23.13	22.17	21.24	19.13
		2505 (20800)	22.76	21.86	21.21	19.10
	50RB (0)	2565 (21400)	23.55	22.57	21.34	19.22
		2535 (21100)	23.29	22.27	21.20	19.09
		2505 (20800)	22.85	21.87	20.97	18.88

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15MHz	1RB-High (74)	2562.5 (21375)	24.29	23.48	22.01	19.00
		2535 (21100)	24.13	23.41	21.95	18.95
		2507.5 (20825)	23.62	22.91	21.89	18.90
	1RB-Middle (37)	2562.5 (21375)	24.28	23.60	22.26	19.22
		2535 (21100)	23.96	23.38	22.09	19.07
		2507.5 (20825)	23.51	22.85	21.90	18.91
	1RB-Low (0)	2562.5 (21375)	24.33	23.55	22.20	19.17
		2535 (21100)	23.84	23.00	21.94	18.94
		2507.5 (20825)	23.36	22.70	22.04	19.03
	36RB-High (38)	2562.5 (21375)	23.40	22.50	21.06	18.96
		2535 (21100)	23.20	22.21	21.02	18.93
		2507.5 (20825)	22.68	21.76	21.26	19.14
	36RB-Middle (19)	2562.5 (21375)	23.45	22.39	21.13	19.03
		2535 (21100)	23.17	22.21	21.10	19.00
		2507.5 (20825)	22.70	21.75	21.06	18.96
	36RB-Low (0)	2562.5 (21375)	23.29	22.32	21.18	19.07
		2535 (21100)	23.01	22.12	21.04	18.94
		2507.5 (20825)	22.68	21.74	21.01	18.92
	75RB (0)	2562.5 (21375)	23.37	22.43	21.17	19.06
		2535 (21100)	23.14	22.17	21.07	18.97
		2507.5 (20825)	22.77	21.70	21.01	18.92
20MHz	1RB-High (99)	2560 (21350)	24.31	23.59	22.36	19.31
		2535 (21100)	24.24	23.50	22.10	19.08
		2510 (20850)	23.87	23.09	21.95	18.95
	1RB-Middle (50)	2560 (21350)	24.41	23.68	22.22	19.19
		2535 (21100)	24.15	23.50	22.23	19.19
		2510 (20850)	23.82	22.96	22.38	19.33
	1RB-Low (0)	2560 (21350)	24.46	23.73	22.19	19.16
		2535 (21100)	24.02	23.54	22.10	19.08
		2510 (20850)	23.62	23.05	22.18	19.15
	50RB-High (50)	2560 (21350)	23.50	22.56	21.20	19.09
		2535 (21100)	23.37	22.40	21.10	19.09
		2510 (20850)	22.93	22.03	20.92	19.00
	50RB-Middle (25)	2560 (21350)	23.52	22.58	21.17	18.84
		2535 (21100)	23.39	22.33	21.11	19.06
		2510 (20850)	22.95	22.01	21.08	19.01
	50RB-Low (0)	2560 (21350)	23.51	22.51	21.19	18.98
		2535 (21100)	23.20	22.13	21.03	19.08
		2510 (20850)	22.85	21.95	21.05	18.94
	100RB (0)	2560 (21350)	23.55	22.49	21.17	18.95
		2535 (21100)	23.28	22.37	21.06	19.06
		2510 (20850)	22.90	21.95	21.03	18.96

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LTE Band7(ANT4 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	13.05	13.26	13.10	13.18
		2535 (21100)	13.11	13.58	13.37	13.45
		2502.5 (20775)	13.31	13.54	13.33	13.42
	1RB-Middle (12)	2567.5 (21425)	13.03	13.26	13.11	13.19
		2535 (21100)	13.31	13.61	13.16	13.53
		2502.5 (20775)	13.28	13.62	13.20	13.56
	1RB-Low (0)	2567.5 (21425)	13.17	13.37	13.26	13.34
		2535 (21100)	13.23	13.62	13.19	13.54
		2502.5 (20775)	13.00	13.48	13.40	13.49
	12RB-High (13)	2567.5 (21425)	13.04	13.02	12.98	13.06
		2535 (21100)	13.26	13.30	13.12	13.22
		2502.5 (20775)	13.28	13.25	13.17	13.26
	12RB-Middle (6)	2567.5 (21425)	13.11	13.16	13.01	13.09
		2535 (21100)	13.30	13.37	13.21	13.31
		2502.5 (20775)	13.31	13.28	13.12	13.22
	12RB-Low (0)	2567.5 (21425)	13.05	13.04	12.88	12.97
		2535 (21100)	13.26	13.31	13.14	13.24
		2502.5 (20775)	13.10	13.20	13.09	13.17
	25RB (0)	2567.5 (21425)	13.02	13.06	12.91	13.00
		2535 (21100)	13.21	13.27	13.15	13.24
		2502.5 (20775)	13.15	13.28	13.01	13.09
10MHz	1RB-High (49)	2565 (21400)	13.48	13.52	13.28	13.37
		2535 (21100)	13.03	13.56	13.22	13.58
		2505 (20800)	12.73	13.17	13.38	13.47
	1RB-Middle (24)	2565 (21400)	13.51	13.28	13.27	13.35
		2535 (21100)	13.17	13.42	13.31	13.40
		2505 (20800)	12.68	12.99	13.33	13.42
	1RB-Low (0)	2565 (21400)	13.52	13.35	13.20	13.30
		2535 (21100)	13.07	13.38	13.37	13.46
		2505 (20800)	12.53	13.08	13.37	13.46
	25RB-High (25)	2565 (21400)	13.58	13.53	12.94	13.03
		2535 (21100)	13.17	13.20	13.10	13.18
		2505 (20800)	12.78	12.77	13.11	13.21
	25RB-Middle (12)	2565 (21400)	13.58	13.66	13.01	13.09
		2535 (21100)	13.26	13.22	13.14	13.24
		2505 (20800)	12.81	12.83	13.13	13.23
	25RB-Low (0)	2565 (21400)	13.48	13.54	12.97	13.05
		2535 (21100)	13.07	13.14	13.11	13.21
		2505 (20800)	12.78	12.80	13.13	13.23
	50RB (0)	2565 (21400)	13.54	13.56	12.94	13.02
		2535 (21100)	13.17	13.21	13.03	13.11
		2505 (20800)	12.77	12.76	13.10	13.18

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15MHz	1RB-High (74)	2562.5 (21375)	13.20	13.63	12.86	12.94
		2535 (21100)	12.99	13.37	12.91	13.00
		2507.5 (20825)	12.52	12.95	13.07	13.15
	1RB-Middle (37)	2562.5 (21375)	13.22	13.75	12.97	13.05
		2535 (21100)	12.93	13.03	13.12	13.22
		2507.5 (20825)	12.58	12.81	13.02	13.10
	1RB-Low (0)	2562.5 (21375)	13.24	13.47	13.11	13.19
		2535 (21100)	12.80	13.41	13.29	13.39
		2507.5 (20825)	12.43	12.83	13.02	13.10
	36RB-High (38)	2562.5 (21375)	13.38	13.43	12.88	12.97
		2535 (21100)	13.06	13.11	13.02	13.10
		2507.5 (20825)	12.71	12.70	13.06	13.14
	36RB-Middle (19)	2562.5 (21375)	13.34	13.37	12.92	13.01
		2535 (21100)	13.11	13.05	13.03	13.11
		2507.5 (20825)	12.68	12.72	13.01	13.09
	36RB-Low (0)	2562.5 (21375)	13.34	13.32	12.93	13.02
		2535 (21100)	12.92	13.04	13.00	13.08
		2507.5 (20825)	12.60	12.71	13.01	13.09
	75RB (0)	2562.5 (21375)	13.32	13.28	12.91	13.00
		2535 (21100)	13.00	13.09	12.98	13.06
		2507.5 (20825)	12.65	12.69	13.05	13.14
20MHz	1RB-High (99)	2560 (21350)	13.33	13.54	13.20	12.92
		2535 (21100)	13.15	13.54	13.54	13.14
		2510 (20850)	12.90	13.22	12.89	13.19
	1RB-Middle (50)	2560 (21350)	13.33	13.50	13.53	12.91
		2535 (21100)	13.15	13.62	13.12	13.39
		2510 (20850)	12.75	13.06	13.00	13.08
	1RB-Low (0)	2560 (21350)	13.34	13.74	13.24	13.19
		2535 (21100)	13.07	13.42	13.04	13.18
		2510 (20850)	12.52	12.95	12.81	13.06
	50RB-High (50)	2560 (21350)	13.41	13.48	13.36	12.97
		2535 (21100)	13.32	13.37	13.23	13.06
		2510 (20850)	12.96	12.92	12.88	13.18
	50RB-Middle (25)	2560 (21350)	13.38	13.36	13.36	12.95
		2535 (21100)	13.28	13.32	13.16	13.00
		2510 (20850)	12.86	12.82	12.83	13.14
	50RB-Low (0)	2560 (21350)	13.43	13.45	13.32	12.98
		2535 (21100)	13.13	13.17	13.08	13.04
		2510 (20850)	12.71	12.79	12.80	13.14
	100RB (0)	2560 (21350)	13.37	13.48	13.31	12.99
		2535 (21100)	13.26	13.28	13.16	13.04
		2510 (20850)	12.88	12.91	12.86	13.13

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LTE Band7(ANT4 DSI 12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	23.03	23.09	21.71	19.15
		2535 (21100)	22.49	22.85	21.60	19.06
		2502.5 (20775)	22.10	22.31	21.56	19.02
	1RB-Middle (12)	2567.5 (21425)	22.97	23.07	21.86	19.28
		2535 (21100)	22.64	23.03	21.66	19.11
		2502.5 (20775)	22.11	22.32	21.79	19.22
	1RB-Low (0)	2567.5 (21425)	22.94	23.24	21.65	19.11
		2535 (21100)	22.49	22.68	21.56	19.02
		2502.5 (20775)	22.05	22.50	21.67	19.12
	12RB-High (13)	2567.5 (21425)	22.89	22.45	20.71	19.05
		2535 (21100)	22.56	22.16	20.62	18.97
		2502.5 (20775)	22.20	21.76	20.63	18.98
	12RB-Middle (6)	2567.5 (21425)	22.97	22.46	20.87	19.20
		2535 (21100)	22.58	22.11	20.66	19.01
		2502.5 (20775)	22.17	21.70	20.66	19.01
	12RB-Low (0)	2567.5 (21425)	22.86	22.30	20.76	19.10
		2535 (21100)	22.54	22.12	20.69	19.03
		2502.5 (20775)	22.15	21.72	20.68	19.02
	25RB (0)	2567.5 (21425)	22.91	22.48	20.67	19.02
		2535 (21100)	22.62	22.11	20.55	18.91
		2502.5 (20775)	22.12	21.64	20.64	18.99
10MHz	1RB-High (49)	2565 (21400)	22.92	23.04	21.80	19.23
		2535 (21100)	22.49	23.23	21.52	18.99
		2505 (20800)	22.16	22.41	21.53	19.00
	1RB-Middle (24)	2565 (21400)	22.92	23.23	21.74	19.18
		2535 (21100)	22.53	22.73	21.77	19.20
		2505 (20800)	22.24	22.52	21.55	19.01
	1RB-Low (0)	2565 (21400)	22.86	23.02	21.84	19.26
		2535 (21100)	22.42	22.79	21.64	19.10
		2505 (20800)	22.01	22.25	21.57	19.03
	25RB-High (25)	2565 (21400)	22.88	22.42	20.73	19.07
		2535 (21100)	22.63	22.08	20.67	19.02
		2505 (20800)	22.15	21.69	20.58	18.93
	25RB-Middle (12)	2565 (21400)	22.87	22.37	20.83	19.17
		2535 (21100)	22.64	22.18	20.65	19.00
		2505 (20800)	22.15	21.68	20.50	18.87
	25RB-Low (0)	2565 (21400)	22.90	22.40	20.63	18.98
		2535 (21100)	22.51	21.98	20.66	19.01
		2505 (20800)	22.11	21.66	20.63	18.98
	50RB (0)	2565 (21400)	22.92	22.43	20.76	19.10
		2535 (21100)	22.61	22.05	20.62	18.97
		2505 (20800)	22.16	21.69	20.40	18.77

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15MHz	1RB-High (74)	2562.5 (21375)	22.74	23.17	21.40	18.89
		2535 (21100)	22.26	22.80	21.34	18.84
		2507.5 (20825)	21.91	22.24	21.29	18.79
	1RB-Middle (37)	2562.5 (21375)	22.69	22.92	21.64	19.10
		2535 (21100)	22.37	22.51	21.48	18.95
		2507.5 (20825)	22.06	22.20	21.30	18.80
	1RB-Low (0)	2562.5 (21375)	22.78	23.06	21.59	19.05
		2535 (21100)	22.16	22.62	21.34	18.83
		2507.5 (20825)	22.05	22.08	21.43	18.91
	36RB-High (38)	2562.5 (21375)	22.80	22.33	20.49	18.85
		2535 (21100)	22.46	22.02	20.45	18.82
		2507.5 (20825)	22.04	21.64	20.68	19.02
	36RB-Middle (19)	2562.5 (21375)	22.69	22.30	20.55	18.91
		2535 (21100)	22.41	22.06	20.52	18.89
		2507.5 (20825)	22.04	21.54	20.49	18.85
	36RB-Low (0)	2562.5 (21375)	22.77	22.23	20.60	18.95
		2535 (21100)	22.30	21.86	20.47	18.83
		2507.5 (20825)	22.01	21.56	20.44	18.81
	75RB (0)	2562.5 (21375)	22.71	22.18	20.59	18.94
		2535 (21100)	22.42	21.99	20.50	18.86
		2507.5 (20825)	22.03	21.61	20.44	18.81
20MHz	1RB-High (99)	2560 (21350)	22.71	23.06	21.74	19.18
		2535 (21100)	22.98	23.10	21.49	18.96
		2510 (20850)	22.28	22.47	21.34	18.84
	1RB-Middle (50)	2560 (21350)	22.96	23.02	21.61	19.07
		2535 (21100)	22.54	22.86	21.62	19.07
		2510 (20850)	22.10	23.01	21.76	19.20
	1RB-Low (0)	2560 (21350)	23.03	23.16	21.58	19.04
		2535 (21100)	22.40	22.42	21.49	18.96
		2510 (20850)	22.06	22.45	21.57	19.03
	50RB-High (50)	2560 (21350)	22.92	22.42	20.62	18.97
		2535 (21100)	22.69	22.30	20.52	18.97
		2510 (20850)	22.30	21.97	20.35	18.89
	50RB-Middle (25)	2560 (21350)	22.95	22.50	20.59	18.73
		2535 (21100)	22.74	22.24	20.53	18.94
		2510 (20850)	22.33	21.83	20.50	18.90
	50RB-Low (0)	2560 (21350)	22.96	22.45	20.61	18.87
		2535 (21100)	22.60	21.75	20.46	18.96
		2510 (20850)	22.28	21.86	20.48	18.83
	100RB (0)	2560 (21350)	23.01	22.41	20.59	18.84
		2535 (21100)	22.68	22.25	20.49	18.94
		2510 (20850)	22.30	21.90	20.46	18.85

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LTE Band7(ANT5 DSI 1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	19.66	19.84	19.85	17.95
		2535 (21100)	19.71	19.88	19.89	17.99
		2502.5 (20775)	19.78	20.09	20.10	18.18
	1RB-Middle (12)	2567.5 (21425)	19.70	19.99	20.00	18.08
		2535 (21100)	19.62	19.96	19.97	18.06
		2502.5 (20775)	19.73	20.10	20.11	18.18
	1RB-Low (0)	2567.5 (21425)	19.66	20.03	20.04	18.12
		2535 (21100)	19.61	20.01	20.02	18.10
		2502.5 (20775)	19.42	19.85	19.86	17.96
	12RB-High (13)	2567.5 (21425)	19.67	19.81	19.82	17.92
		2535 (21100)	19.72	19.68	19.69	17.80
		2502.5 (20775)	19.74	19.84	19.85	17.95
	12RB-Middle (6)	2567.5 (21425)	19.72	19.84	19.85	17.95
		2535 (21100)	19.73	19.72	19.73	17.84
		2502.5 (20775)	19.75	19.77	19.78	17.89
	12RB-Low (0)	2567.5 (21425)	19.58	19.64	19.65	17.77
		2535 (21100)	19.74	19.75	19.76	17.87
		2502.5 (20775)	19.59	19.59	19.60	17.72
	25RB (0)	2567.5 (21425)	19.63	19.75	19.76	17.87
		2535 (21100)	19.71	19.76	19.77	17.88
		2502.5 (20775)	19.65	19.71	19.72	17.83
10MHz	1RB-High (49)	2565 (21400)	19.58	19.92	19.93	18.02
		2535 (21100)	19.60	19.99	20.00	18.08
		2505 (20800)	19.92	20.02	20.03	18.11
	1RB-Middle (24)	2565 (21400)	19.71	19.95	19.96	18.05
		2535 (21100)	19.62	20.08	20.09	18.17
		2505 (20800)	19.75	20.03	20.04	18.12
	1RB-Low (0)	2565 (21400)	19.68	20.08	20.09	18.17
		2535 (21100)	19.74	20.08	20.09	18.17
		2505 (20800)	19.50	20.09	20.10	18.18
	25RB-High (25)	2565 (21400)	19.66	19.75	19.76	17.87
		2535 (21100)	19.66	19.71	19.72	17.83
		2505 (20800)	19.89	19.90	19.91	18.00
	25RB-Middle (12)	2565 (21400)	19.63	19.74	19.75	17.86
		2535 (21100)	19.74	19.77	19.78	17.89
		2505 (20800)	19.90	19.90	19.91	18.00
	25RB-Low (0)	2565 (21400)	19.65	19.70	19.71	17.82
		2535 (21100)	19.68	19.70	19.71	17.82
		2505 (20800)	19.74	19.79	19.80	17.90
	50RB (0)	2565 (21400)	19.59	19.66	19.67	17.79
		2535 (21100)	19.69	19.70	19.71	17.82
		2505 (20800)	19.79	19.82	19.83	17.93

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15MHz	1RB-High (74)	2562.5 (21375)	19.28	19.45	19.46	17.60
		2535 (21100)	19.60	19.93	19.94	18.03
		2507.5 (20825)	19.57	19.82	19.83	17.93
	1RB-Middle (37)	2562.5 (21375)	19.46	19.62	19.63	17.75
		2535 (21100)	19.51	19.90	19.91	18.00
		2507.5 (20825)	19.64	19.98	19.99	18.08
	1RB-Low (0)	2562.5 (21375)	19.48	19.68	19.69	17.80
		2535 (21100)	19.42	19.73	19.74	17.85
		2507.5 (20825)	19.27	19.84	19.85	17.95
	36RB-High (38)	2562.5 (21375)	19.51	19.46	19.47	17.61
		2535 (21100)	19.58	19.59	19.60	17.72
		2507.5 (20825)	19.72	19.77	19.78	17.89
	36RB-Middle (19)	2562.5 (21375)	19.48	19.44	19.45	17.59
		2535 (21100)	19.57	19.54	19.55	17.68
		2507.5 (20825)	19.74	19.70	19.71	17.82
	36RB-Low (0)	2562.5 (21375)	19.46	19.39	19.40	17.54
		2535 (21100)	19.61	19.51	19.52	17.65
		2507.5 (20825)	19.60	19.60	19.61	17.73
	75RB (0)	2562.5 (21375)	19.56	19.39	19.40	17.54
		2535 (21100)	19.58	19.52	19.53	17.66
		2507.5 (20825)	19.72	19.70	19.71	17.82
20MHz	1RB-High (99)	2560 (21350)	19.58	19.63	19.64	17.76
		2535 (21100)	19.34	19.79	19.80	17.90
		2510 (20850)	19.56	19.76	19.77	17.88
	1RB-Middle (50)	2560 (21350)	19.52	20.01	20.02	18.10
		2535 (21100)	19.61	19.81	19.82	17.92
		2510 (20850)	19.82	19.85	19.86	17.96
	1RB-Low (0)	2560 (21350)	19.43	19.92	19.93	18.02
		2535 (21100)	19.56	20.04	20.05	18.13
		2510 (20850)	19.25	19.91	19.92	18.01
	50RB-High (50)	2560 (21350)	19.59	19.56	19.57	17.70
		2535 (21100)	19.59	19.54	19.55	17.68
		2510 (20850)	19.78	19.77	19.78	17.89
	50RB-Middle (25)	2560 (21350)	19.65	19.64	19.65	17.77
		2535 (21100)	19.62	19.70	19.71	17.82
		2510 (20850)	19.79	19.80	19.81	17.91
	50RB-Low (0)	2560 (21350)	19.54	19.55	19.56	17.69
		2535 (21100)	19.58	19.65	19.66	17.78
		2510 (20850)	19.73	19.74	19.75	17.86
	100RB (0)	2560 (21350)	19.60	19.65	19.66	17.78
		2535 (21100)	19.59	19.58	19.59	17.71
		2510 (20850)	19.77	19.81	19.82	17.92

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LTE Band7(ANT5 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	18.89	18.79	18.80	18.19
		2535 (21100)	18.81	19.06	19.06	18.25
		2502.5 (20775)	18.97	18.95	18.95	17.56
	1RB-Middle (12)	2567.5 (21425)	19.04	19.04	19.05	18.27
		2535 (21100)	19.01	18.93	18.94	18.09
		2502.5 (20775)	19.02	18.74	18.75	17.45
	1RB-Low (0)	2567.5 (21425)	18.96	18.96	18.97	18.10
		2535 (21100)	18.93	18.87	18.88	18.17
		2502.5 (20775)	18.41	18.51	18.52	17.40
	12RB-High (13)	2567.5 (21425)	19.06	18.59	18.60	18.72
		2535 (21100)	18.94	18.41	18.43	18.60
		2502.5 (20775)	18.96	18.54	18.55	17.75
	12RB-Middle (6)	2567.5 (21425)	19.04	18.60	18.61	18.73
		2535 (21100)	19.06	18.59	18.60	18.62
		2502.5 (20775)	18.97	18.35	18.36	17.63
	12RB-Low (0)	2567.5 (21425)	18.86	18.24	18.25	18.76
		2535 (21100)	18.96	18.52	18.53	18.46
		2502.5 (20775)	18.73	18.19	18.21	17.46
	25RB (0)	2567.5 (21425)	18.99	18.48	18.49	18.65
		2535 (21100)	19.06	18.54	18.55	18.53
		2502.5 (20775)	18.84	18.44	18.46	17.53
10MHz	1RB-High (49)	2565 (21400)	18.57	18.46	18.47	18.21
		2535 (21100)	18.54	18.81	18.81	18.26
		2505 (20800)	18.78	18.95	18.95	17.46
	1RB-Middle (24)	2565 (21400)	18.47	18.59	18.60	18.15
		2535 (21100)	18.59	18.60	18.61	17.95
		2505 (20800)	18.63	18.74	18.75	17.54
	1RB-Low (0)	2565 (21400)	18.44	18.51	18.52	18.25
		2535 (21100)	18.62	18.99	19.00	18.05
		2505 (20800)	18.13	18.10	18.10	17.63
	25RB-High (25)	2565 (21400)	18.60	18.04	18.04	18.78
		2535 (21100)	18.70	18.26	18.27	18.57
		2505 (20800)	18.88	18.37	18.38	17.91
	25RB-Middle (12)	2565 (21400)	18.65	18.18	18.18	18.73
		2535 (21100)	18.83	18.24	18.25	18.52
		2505 (20800)	18.86	18.19	18.21	17.78
	25RB-Low (0)	2565 (21400)	18.54	17.99	17.99	18.75
		2535 (21100)	18.73	18.16	18.16	18.39
		2505 (20800)	18.62	18.08	18.08	17.65
	50RB (0)	2565 (21400)	18.55	18.10	18.10	18.71
		2535 (21100)	18.73	18.13	18.13	18.47
		2505 (20800)	18.73	18.65	18.66	17.77

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15MHz	1RB-High (74)	2562.5 (21375)	18.70	18.54	18.55	18.11
		2535 (21100)	18.75	18.73	18.74	18.15
		2507.5 (20825)	19.12	19.03	19.03	17.66
	1RB-Middle (37)	2562.5 (21375)	18.93	18.77	18.78	18.14
		2535 (21100)	18.94	18.66	18.67	18.01
		2507.5 (20825)	19.02	19.14	19.14	17.31
	1RB-Low (0)	2562.5 (21375)	18.93	18.49	18.50	18.20
		2535 (21100)	18.94	18.70	18.71	17.85
		2507.5 (20825)	18.41	18.11	18.11	17.52
	36RB-High (38)	2562.5 (21375)	19.01	18.48	18.49	18.61
		2535 (21100)	19.09	18.44	18.46	18.47
		2507.5 (20825)	18.97	18.71	18.72	17.91
	36RB-Middle (19)	2562.5 (21375)	18.88	18.32	18.33	18.56
		2535 (21100)	19.04	18.59	18.60	18.30
		2507.5 (20825)	19.10	18.71	18.72	17.78
	36RB-Low (0)	2562.5 (21375)	19.01	18.29	18.30	18.66
		2535 (21100)	19.06	18.49	18.50	18.23
		2507.5 (20825)	18.94	18.43	18.44	17.59
	75RB (0)	2562.5 (21375)	18.81	18.33	18.35	18.65
		2535 (21100)	19.09	18.46	18.47	18.37
		2507.5 (20825)	19.03	18.65	18.66	17.75
20MHz	1RB-High (99)	2560 (21350)	18.65	18.88	18.69	18.17
		2535 (21100)	18.68	18.86	18.59	18.07
		2510 (20850)	17.91	18.33	18.03	17.63
	1RB-Middle (50)	2560 (21350)	18.63	18.92	18.82	18.19
		2535 (21100)	18.33	18.50	18.56	18.05
		2510 (20850)	17.77	18.16	18.31	17.97
	1RB-Low (0)	2560 (21350)	18.76	19.00	18.85	18.20
		2535 (21100)	18.10	18.68	18.35	18.19
		2510 (20850)	17.88	17.88	17.47	17.68
	50RB-High (50)	2560 (21350)	18.81	18.81	18.86	18.73
		2535 (21100)	18.49	18.54	18.64	18.46
		2510 (20850)	17.98	18.02	18.05	18.03
	50RB-Middle (25)	2560 (21350)	18.84	18.91	18.89	18.68
		2535 (21100)	18.47	18.48	18.52	18.41
		2510 (20850)	17.86	17.97	17.95	17.87
	50RB-Low (0)	2560 (21350)	18.79	18.89	18.78	18.58
		2535 (21100)	18.25	18.44	18.37	18.25
		2510 (20850)	17.64	17.65	17.70	17.59
	100RB (0)	2560 (21350)	18.78	18.87	18.83	18.64
		2535 (21100)	18.51	18.54	18.57	18.40
		2510 (20850)	17.85	17.87	17.86	17.84

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LTE Band7(ANT5 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	11.66	11.96	12.06	11.98
		2535 (21100)	11.61	12.13	12.23	12.15
		2502.5 (20775)	11.83	12.06	12.16	12.08
	1RB-Middle (12)	2567.5 (21425)	11.75	12.12	12.22	12.14
		2535 (21100)	11.73	12.05	12.15	12.07
		2502.5 (20775)	11.74	11.93	12.03	11.95
	1RB-Low (0)	2567.5 (21425)	11.70	12.07	12.17	12.09
		2535 (21100)	11.68	12.01	12.11	12.03
		2502.5 (20775)	11.36	11.78	11.88	11.80
	12RB-High (13)	2567.5 (21425)	11.76	11.83	11.93	11.85
		2535 (21100)	11.69	11.72	11.82	11.74
		2502.5 (20775)	11.70	11.80	11.90	11.82
	12RB-Middle (6)	2567.5 (21425)	11.75	11.84	11.94	11.86
		2535 (21100)	11.76	11.83	11.93	11.85
		2502.5 (20775)	11.71	11.68	11.78	11.70
	12RB-Low (0)	2567.5 (21425)	11.64	11.61	11.71	11.63
		2535 (21100)	11.70	11.79	11.89	11.81
		2502.5 (20775)	11.56	11.58	11.68	11.60
	25RB (0)	2567.5 (21425)	11.72	11.76	11.86	11.78
		2535 (21100)	11.76	11.80	11.90	11.82
		2502.5 (20775)	11.63	11.74	11.84	11.76
10MHz	1RB-High (49)	2565 (21400)	11.46	11.75	11.85	11.77
		2535 (21100)	11.44	11.97	12.07	11.99
		2505 (20800)	11.59	12.06	12.16	12.08
	1RB-Middle (24)	2565 (21400)	11.40	11.83	11.93	11.85
		2535 (21100)	11.47	11.84	11.94	11.86
		2505 (20800)	11.50	11.93	12.03	11.95
	1RB-Low (0)	2565 (21400)	11.38	11.78	11.88	11.80
		2535 (21100)	11.49	12.09	12.19	12.11
		2505 (20800)	11.19	11.52	11.61	11.54
	25RB-High (25)	2565 (21400)	11.48	11.48	11.57	11.50
		2535 (21100)	11.54	11.62	11.72	11.64
		2505 (20800)	11.65	11.69	11.79	11.71
	25RB-Middle (12)	2565 (21400)	11.51	11.57	11.66	11.59
		2535 (21100)	11.62	11.61	11.71	11.63
		2505 (20800)	11.64	11.58	11.68	11.60
	25RB-Low (0)	2565 (21400)	11.44	11.45	11.54	11.47
		2535 (21100)	11.56	11.56	11.65	11.58
		2505 (20800)	11.49	11.51	11.60	11.53
	50RB (0)	2565 (21400)	11.45	11.52	11.61	11.54
		2535 (21100)	11.56	11.54	11.63	11.56
		2505 (20800)	11.56	11.87	11.97	11.89

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15MHz	1RB-High (74)	2562.5 (21375)	11.54	11.80	11.90	11.82
		2535 (21100)	11.57	11.92	12.02	11.94
		2507.5 (20825)	11.80	12.11	12.21	12.13
	1RB-Middle (37)	2562.5 (21375)	11.68	11.95	12.05	11.97
		2535 (21100)	11.69	11.88	11.98	11.90
		2507.5 (20825)	11.74	12.18	12.28	12.20
	1RB-Low (0)	2562.5 (21375)	11.68	11.77	11.87	11.79
		2535 (21100)	11.69	11.90	12.00	11.92
		2507.5 (20825)	11.36	11.53	11.62	11.55
	36RB-High (38)	2562.5 (21375)	11.73	11.76	11.86	11.78
		2535 (21100)	11.78	11.74	11.84	11.76
		2507.5 (20825)	11.83	11.91	12.01	11.93
	36RB-Middle (19)	2562.5 (21375)	11.65	11.66	11.76	11.68
		2535 (21100)	11.75	11.83	11.93	11.85
		2507.5 (20825)	11.91	11.91	12.01	11.93
	36RB-Low (0)	2562.5 (21375)	11.73	11.64	11.74	11.66
		2535 (21100)	11.76	11.77	11.87	11.79
		2507.5 (20825)	11.69	11.73	11.83	11.75
	75RB (0)	2562.5 (21375)	11.61	11.67	11.77	11.69
		2535 (21100)	11.78	11.75	11.85	11.77
		2507.5 (20825)	11.87	11.87	11.97	11.89
20MHz	1RB-High (99)	2560 (21350)	11.51	11.89	11.99	11.91
		2535 (21100)	11.39	11.93	12.03	11.95
		2510 (20850)	11.68	12.02	12.12	12.04
	1RB-Middle (50)	2560 (21350)	11.55	11.89	11.99	11.91
		2535 (21100)	11.53	11.90	12.00	11.92
		2510 (20850)	11.73	11.99	12.09	12.01
	1RB-Low (0)	2560 (21350)	11.56	11.91	12.01	11.93
		2535 (21100)	11.64	12.18	12.28	12.20
		2510 (20850)	11.45	11.68	11.78	11.70
	50RB-High (50)	2560 (21350)	11.82	11.69	11.79	11.71
		2535 (21100)	11.77	11.70	11.80	11.72
		2510 (20850)	11.81	11.96	12.06	11.98
	50RB-Middle (25)	2560 (21350)	11.91	11.65	11.75	11.67
		2535 (21100)	11.71	11.80	11.90	11.82
		2510 (20850)	11.68	11.87	11.97	11.89
	50RB-Low (0)	2560 (21350)	11.69	11.65	11.75	11.67
		2535 (21100)	11.76	11.76	11.86	11.78
		2510 (20850)	11.70	11.82	11.92	11.84
	100RB (0)	2560 (21350)	11.64	11.69	11.79	11.71
		2535 (21100)	11.71	11.78	11.88	11.80
		2510 (20850)	11.83	11.77	11.87	11.79

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LTE Band7(ANT5 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	23.51	22.70	21.25	18.19
		2535 (21100)	23.49	22.78	21.32	18.25
		2502.5 (20775)	22.49	21.58	20.20	17.29
	1RB-Middle (12)	2567.5 (21425)	23.45	22.80	21.34	18.27
		2535 (21100)	23.35	22.58	21.14	18.09
		2502.5 (20775)	22.39	21.78	20.39	17.45
	1RB-Low (0)	2567.5 (21425)	23.46	22.59	21.15	18.10
		2535 (21100)	23.37	22.68	21.23	18.17
		2502.5 (20775)	22.08	21.71	20.32	17.40
	12RB-High (13)	2567.5 (21425)	22.47	21.72	20.53	18.72
		2535 (21100)	22.44	21.58	20.68	18.60
		2502.5 (20775)	21.49	20.59	19.73	17.75
	12RB-Middle (6)	2567.5 (21425)	22.42	21.73	20.57	18.73
		2535 (21100)	22.49	21.60	20.70	18.62
		2502.5 (20775)	21.39	20.45	19.60	17.63
	12RB-Low (0)	2567.5 (21425)	22.46	21.76	20.56	18.76
		2535 (21100)	22.44	21.41	20.52	18.46
		2502.5 (20775)	21.22	20.25	19.41	17.46
	25RB (0)	2567.5 (21425)	22.41	21.63	20.73	18.65
		2535 (21100)	22.47	21.49	20.60	18.53
		2502.5 (20775)	21.36	20.34	19.49	17.53
10MHz	1RB-High (49)	2565 (21400)	23.35	22.73	21.28	18.21
		2535 (21100)	23.47	22.79	21.33	18.26
		2505 (20800)	22.77	21.79	20.40	17.46
	1RB-Middle (24)	2565 (21400)	23.36	22.65	21.20	18.15
		2535 (21100)	23.34	22.40	20.97	17.95
		2505 (20800)	22.61	21.39	20.02	17.14
	1RB-Low (0)	2565 (21400)	23.37	22.77	21.32	18.25
		2535 (21100)	23.21	22.53	21.09	18.05
		2505 (20800)	22.09	21.50	20.13	17.23
	25RB-High (25)	2565 (21400)	22.47	21.79	20.69	18.78
		2535 (21100)	22.52	21.54	20.64	18.57
		2505 (20800)	21.72	20.78	19.92	17.91
	25RB-Middle (12)	2565 (21400)	22.47	21.73	20.63	18.73
		2535 (21100)	22.49	21.48	20.59	18.52
		2505 (20800)	21.59	20.63	19.77	17.78
	25RB-Low (0)	2565 (21400)	22.36	21.75	20.58	18.75
		2535 (21100)	22.37	21.33	20.44	18.39
		2505 (20800)	21.43	20.47	19.62	17.65
	50RB (0)	2565 (21400)	22.46	21.70	20.80	18.71
		2535 (21100)	22.46	21.43	20.54	18.47
		2505 (20800)	21.58	20.61	19.75	17.77

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15MHz	1RB-High (74)	2562.5 (21375)	23.32	22.60	21.16	18.11
		2535 (21100)	23.19	22.65	21.20	18.15
		2507.5 (20825)	22.57	22.04	20.63	17.66
	1RB-Middle (37)	2562.5 (21375)	23.33	22.64	21.19	18.14
		2535 (21100)	23.30	22.48	21.04	18.01
		2507.5 (20825)	22.39	21.60	20.22	17.31
	1RB-Low (0)	2562.5 (21375)	22.96	22.71	21.26	18.20
		2535 (21100)	23.05	22.27	20.85	17.85
		2507.5 (20825)	21.83	21.36	20.00	17.12
	36RB-High (38)	2562.5 (21375)	22.39	21.59	20.69	18.61
		2535 (21100)	22.35	21.42	20.53	18.47
		2507.5 (20825)	21.70	20.78	19.92	17.91
	36RB-Middle (19)	2562.5 (21375)	22.26	21.53	20.64	18.56
		2535 (21100)	22.28	21.23	20.35	18.30
		2507.5 (20825)	21.63	20.62	19.76	17.78
	36RB-Low (0)	2562.5 (21375)	22.14	21.64	20.74	18.66
		2535 (21100)	22.25	21.15	20.27	18.23
		2507.5 (20825)	21.39	20.40	19.55	17.59
	75RB (0)	2562.5 (21375)	22.30	21.63	20.73	18.65
		2535 (21100)	22.33	21.31	20.42	18.37
		2507.5 (20825)	21.60	20.59	19.73	17.75
20MHz	1RB-High (99)	2560 (21350)	23.40	22.67	21.22	18.17
		2535 (21100)	23.39	22.55	21.11	18.07
		2510 (20850)	22.82	22.00	20.59	17.63
	1RB-Middle (50)	2560 (21350)	23.34	22.70	21.25	18.19
		2535 (21100)	23.19	22.52	21.08	18.05
		2510 (20850)	22.58	22.42	20.99	17.97
	1RB-Low (0)	2560 (21350)	23.55	22.71	21.26	18.20
		2535 (21100)	22.95	22.70	21.25	18.19
		2510 (20850)	21.93	21.20	19.85	16.99
	50RB-High (50)	2560 (21350)	22.60	21.73	20.64	18.73
		2535 (21100)	22.42	21.41	20.52	18.46
		2510 (20850)	21.86	20.91	20.04	18.03
	50RB-Middle (25)	2560 (21350)	22.62	21.67	20.77	18.68
		2535 (21100)	22.32	21.35	20.46	18.41
		2510 (20850)	21.74	20.73	19.87	17.87
	50RB-Low (0)	2560 (21350)	22.56	21.55	20.65	18.58
		2535 (21100)	22.14	21.17	20.29	18.25
		2510 (20850)	21.41	20.40	19.55	17.59
	100RB (0)	2560 (21350)	22.55	21.62	20.72	18.64
		2535 (21100)	22.39	21.34	20.45	18.40
		2510 (20850)	21.70	20.69	19.83	17.84

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LTE Band12(ANT0 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	25.09	24.38	23.31	20.36
		707.5 (23095)	24.90	24.42	23.34	20.38
		699.7 (23017)	24.92	24.27	23.26	20.31
	1RB-Middle (3)	715.3 (23173)	24.98	24.31	23.17	20.24
		707.5 (23095)	24.91	24.35	23.40	20.44
		699.7 (23017)	24.93	24.46	23.21	20.27
	1RB-Low (0)	715.3 (23173)	24.96	24.45	23.02	20.10
		707.5 (23095)	24.97	24.40	23.49	20.51
		699.7 (23017)	25.08	24.46	23.30	20.35
	3RB-High (3)	715.3 (23173)	24.96	24.24	23.17	20.24
		707.5 (23095)	24.98	24.13	23.18	20.24
		699.7 (23017)	24.97	24.09	23.16	20.23
	3RB-Middle (1)	715.3 (23173)	25.04	24.24	23.23	20.29
		707.5 (23095)	24.89	24.14	23.05	20.13
		699.7 (23017)	25.06	24.26	23.19	20.25
	3RB-Low (0)	715.3 (23173)	25.14	24.14	23.13	20.20
		707.5 (23095)	25.13	24.27	23.27	20.32
		699.7 (23017)	25.10	24.14	23.14	20.21
	6RB (0)	715.3 (23173)	23.99	23.01	22.14	20.07
		707.5 (23095)	23.90	23.05	22.05	19.99
		699.7 (23017)	24.00	23.10	22.17	20.10
3MHz	1RB-High (14)	714.5 (23165)	24.87	24.39	23.33	20.37
		707.5 (23095)	24.95	24.22	23.16	20.23
		700.5 (23025)	25.06	24.43	23.46	20.49
	1RB-Middle (7)	714.5 (23165)	25.02	24.44	23.29	20.34
		707.5 (23095)	25.03	24.43	23.53	20.55
		700.5 (23025)	25.10	24.33	23.23	20.29
	1RB-Low (0)	714.5 (23165)	25.02	24.42	23.16	20.23
		707.5 (23095)	24.86	24.32	23.25	20.31
		700.5 (23025)	24.87	24.29	23.17	20.24
	8RB-High (7)	714.5 (23165)	24.04	23.20	22.19	20.11
		707.5 (23095)	24.04	23.15	22.23	20.15
		700.5 (23025)	24.01	23.18	22.13	20.06
	8RB-Middle (4)	714.5 (23165)	24.09	23.16	22.16	20.09
		707.5 (23095)	24.07	23.17	22.12	20.05
		700.5 (23025)	24.13	23.17	22.14	20.07
	8RB-Low (0)	714.5 (23165)	24.00	23.01	22.03	19.97
		707.5 (23095)	24.03	23.13	22.09	20.02
		700.5 (23025)	24.12	23.13	22.25	20.17
	15RB (0)	714.5 (23165)	23.99	23.01	22.19	20.11
		707.5 (23095)	23.98	22.98	22.11	20.04
		700.5 (23025)	24.07	23.11	22.26	20.18

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5MHz	1RB-High (24)	713.5 (23155)	24.95	24.26	23.44	20.47
		707.5 (23095)	24.92	24.35	23.18	20.24
		701.5 (23035)	24.99	24.37	23.45	20.48
	1RB-Middle (12)	713.5 (23155)	25.09	24.29	23.51	20.53
		707.5 (23095)	25.05	24.48	23.42	20.45
		701.5 (23035)	25.09	24.58	23.31	20.36
	1RB-Low (0)	713.5 (23155)	25.06	24.41	23.33	20.37
		707.5 (23095)	25.03	24.23	23.45	20.48
		701.5 (23035)	25.03	24.33	23.25	20.31
	12RB-High (13)	713.5 (23155)	24.01	23.03	22.20	20.12
		707.5 (23095)	24.07	23.03	22.10	20.03
		701.5 (23035)	24.04	23.07	22.13	20.06
	12RB-Middle (6)	713.5 (23155)	24.08	23.13	22.09	20.02
		707.5 (23095)	23.96	23.05	22.16	20.09
		701.5 (23035)	24.14	23.20	22.26	20.18
	12RB-Low (0)	713.5 (23155)	23.99	23.00	22.24	20.16
		707.5 (23095)	23.99	23.02	22.02	19.96
		701.5 (23035)	24.02	22.96	22.10	20.03
	25RB (0)	713.5 (23155)	24.02	23.13	22.09	20.02
		707.5 (23095)	24.08	23.01	22.07	20.03
		701.5 (23035)	24.11	23.10	22.07	20.00
10MHz	1RB-High (49)	711 (23130)	24.93	24.28	23.52	20.54
		707.5 (23095)	24.97	24.38	23.20	20.26
		704 (23060)	24.97	24.39	23.37	20.41
	1RB-Middle (24)	711 (23130)	24.99	24.31	23.36	20.40
		707.5 (23095)	25.31	24.24	23.29	20.34
		704 (23060)	25.06	24.12	23.16	20.23
	1RB-Low (0)	711 (23130)	25.04	24.23	23.23	20.29
		707.5 (23095)	25.05	24.48	23.40	20.44
		704 (23060)	24.97	24.55	23.43	20.46
	25RB-High (25)	711 (23130)	24.07	23.08	22.15	20.08
		707.5 (23095)	24.06	23.05	22.21	20.13
		704 (23060)	23.99	23.15	22.13	20.06
	25RB-Middle (12)	711 (23130)	24.08	23.03	22.24	20.16
		707.5 (23095)	23.94	22.98	22.12	20.05
		704 (23060)	24.13	23.06	22.23	20.15
	25RB-Low (0)	711 (23130)	24.05	23.02	22.06	20.00
		707.5 (23095)	23.99	23.08	22.09	20.02
		704 (23060)	23.93	22.99	22.09	20.02
	50RB (0)	711 (23130)	24.12	23.13	22.11	20.04
		707.5 (23095)	23.93	23.05	22.10	20.03
		704 (23060)	24.04	23.10	22.13	20.06

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LTE Band12(ANT0 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	19.04	19.47	19.11	18.98
		707.5 (23095)	19.06	19.41	19.36	19.23
		699.7 (23017)	18.91	19.42	19.07	18.94
	1RB-Middle (3)	715.3 (23173)	18.94	19.43	18.99	18.86
		707.5 (23095)	18.99	19.48	19.38	19.25
		699.7 (23017)	19.02	19.40	19.29	19.16
	1RB-Low (0)	715.3 (23173)	18.86	19.43	19.02	18.89
		707.5 (23095)	18.91	19.43	19.31	19.18
		699.7 (23017)	18.88	19.43	19.25	19.12
	3RB-High (3)	715.3 (23173)	18.95	19.13	19.07	18.94
		707.5 (23095)	19.01	19.19	19.09	18.96
		699.7 (23017)	19.05	19.17	19.01	18.88
	3RB-Middle (1)	715.3 (23173)	19.01	19.18	19.10	18.97
		707.5 (23095)	19.03	19.21	19.15	19.02
		699.7 (23017)	18.94	19.25	19.08	18.95
	3RB-Low (0)	715.3 (23173)	19.04	19.26	19.18	19.05
		707.5 (23095)	18.94	19.21	19.15	19.02
		699.7 (23017)	18.97	19.26	19.07	18.94
	6RB (0)	715.3 (23173)	19.06	19.06	19.06	18.93
		707.5 (23095)	18.96	18.99	18.92	18.79
		699.7 (23017)	18.97	19.09	18.97	18.84
3MHz	1RB-High (14)	714.5 (23165)	18.87	19.29	19.18	19.05
		707.5 (23095)	18.99	19.35	19.15	19.02
		700.5 (23025)	18.94	19.34	19.25	19.12
	1RB-Middle (7)	714.5 (23165)	18.98	19.28	19.18	19.05
		707.5 (23095)	19.06	19.38	19.38	19.25
		700.5 (23025)	19.00	19.42	19.06	18.93
	1RB-Low (0)	714.5 (23165)	18.91	19.18	19.10	18.97
		707.5 (23095)	18.92	19.46	19.15	19.02
		700.5 (23025)	18.93	19.44	19.29	19.16
	8RB-High (7)	714.5 (23165)	19.04	19.13	19.02	18.89
		707.5 (23095)	19.00	19.05	19.14	19.01
		700.5 (23025)	19.05	19.18	19.05	18.92
	8RB-Middle (4)	714.5 (23165)	19.05	19.17	19.02	18.89
		707.5 (23095)	19.04	19.17	19.08	18.95
		700.5 (23025)	19.09	19.15	19.09	18.96
	8RB-Low (0)	714.5 (23165)	18.95	19.07	18.95	18.82
		707.5 (23095)	18.95	19.11	19.07	18.94
		700.5 (23025)	19.05	19.08	19.04	18.91
	15RB (0)	714.5 (23165)	18.99	19.10	18.98	18.85
		707.5 (23095)	18.95	19.02	18.96	18.83
		700.5 (23025)	19.11	19.07	19.04	18.91

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5MHz	1RB-High (24)	713.5 (23155)	18.89	19.38	19.06	18.93
		707.5 (23095)	18.91	19.37	19.18	19.05
		701.5 (23035)	18.94	19.26	19.17	19.04
	1RB-Middle (12)	713.5 (23155)	18.96	19.45	19.13	19.00
		707.5 (23095)	19.14	19.43	19.30	19.17
		701.5 (23035)	19.04	19.50	19.13	19.00
	1RB-Low (0)	713.5 (23155)	19.01	19.39	19.04	18.91
		707.5 (23095)	19.00	19.23	19.07	18.94
		701.5 (23035)	18.89	19.33	19.28	19.15
	12RB-High (13)	713.5 (23155)	19.07	19.12	19.02	18.89
		707.5 (23095)	19.02	19.06	19.07	18.94
		701.5 (23035)	19.04	19.04	19.00	18.87
	12RB-Middle (6)	713.5 (23155)	19.07	19.21	19.05	18.92
		707.5 (23095)	18.97	19.13	19.03	18.90
		701.5 (23035)	19.06	19.13	19.06	18.93
	12RB-Low (0)	713.5 (23155)	18.92	18.99	19.03	18.90
		707.5 (23095)	18.94	19.09	19.04	18.91
		701.5 (23035)	18.97	18.96	18.93	18.80
	25RB (0)	713.5 (23155)	19.02	19.09	19.01	18.88
		707.5 (23095)	18.99	19.06	18.99	18.86
		701.5 (23035)	19.03	19.01	19.07	18.94
10MHz	1RB-High (49)	711 (23130)	18.93	19.20	19.05	18.92
		707.5 (23095)	18.88	19.40	19.08	18.95
		704 (23060)	19.02	19.18	19.13	19.00
	1RB-Middle (24)	711 (23130)	19.01	19.39	19.27	19.14
		707.5 (23095)	18.99	19.36	19.10	18.97
		704 (23060)	18.99	19.26	18.99	18.86
	1RB-Low (0)	711 (23130)	18.88	19.47	19.12	18.99
		707.5 (23095)	19.03	19.42	19.10	18.97
		704 (23060)	19.07	19.19	19.12	18.99
	25RB-High (25)	711 (23130)	19.04	19.07	19.08	18.95
		707.5 (23095)	19.01	19.03	19.03	18.90
		704 (23060)	19.05	19.02	18.93	18.80
	25RB-Middle (12)	711 (23130)	19.02	18.98	18.95	18.82
		707.5 (23095)	19.05	19.01	19.00	18.87
		704 (23060)	19.10	19.10	19.03	18.90
	25RB-Low (0)	711 (23130)	18.97	19.01	19.00	18.87
		707.5 (23095)	19.03	18.98	19.02	18.89
		704 (23060)	19.01	18.96	19.02	18.89
	50RB (0)	711 (23130)	19.02	18.99	18.96	18.83
		707.5 (23095)	18.98	19.00	18.99	18.86
		704 (23060)	19.04	19.04	19.01	18.88

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LTE Band12(ANT1 DSI 1/2/5/12/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	24.30	23.73	22.59	19.78
		707.5 (23095)	24.08	23.79	22.32	19.54
		699.7 (23017)	24.04	23.56	22.42	19.63
	1RB-Middle (3)	715.3 (23173)	24.29	23.38	22.61	19.79
		707.5 (23095)	24.18	23.73	22.51	19.71
		699.7 (23017)	24.25	23.67	22.52	19.72
	1RB-Low (0)	715.3 (23173)	24.48	23.90	22.55	19.74
		707.5 (23095)	24.36	23.44	22.37	19.58
		699.7 (23017)	24.32	23.73	22.44	19.64
	3RB-High (3)	715.3 (23173)	24.21	23.41	22.40	19.61
		707.5 (23095)	24.26	23.55	22.23	19.46
		699.7 (23017)	24.24	23.39	22.38	19.59
	3RB-Middle (1)	715.3 (23173)	24.37	23.46	22.50	19.70
		707.5 (23095)	24.16	23.47	22.54	19.73
		699.7 (23017)	24.35	23.37	22.33	19.55
	3RB-Low (0)	715.3 (23173)	24.15	23.62	22.49	19.69
		707.5 (23095)	24.27	23.44	22.35	19.57
		699.7 (23017)	24.25	23.39	22.34	19.56
	6RB (0)	715.3 (23173)	23.25	22.27	21.26	19.38
		707.5 (23095)	23.10	22.23	21.17	19.29
		699.7 (23017)	23.18	22.32	21.26	19.38
3MHz	1RB-High (14)	714.5 (23165)	24.09	23.69	22.57	19.76
		707.5 (23095)	24.27	23.61	22.34	19.56
		700.5 (23025)	24.15	23.54	22.33	19.55
	1RB-Middle (7)	714.5 (23165)	24.37	23.63	22.34	19.56
		707.5 (23095)	24.28	23.68	22.49	19.69
		700.5 (23025)	24.23	23.53	22.36	19.57
	1RB-Low (0)	714.5 (23165)	24.04	23.41	22.31	19.53
		707.5 (23095)	24.06	23.63	22.48	19.68
		700.5 (23025)	24.41	23.53	22.40	19.61
	8RB-High (7)	714.5 (23165)	23.30	22.39	21.29	19.40
		707.5 (23095)	23.31	22.33	21.27	19.39
		700.5 (23025)	23.26	22.42	21.36	19.47
	8RB-Middle (4)	714.5 (23165)	23.26	22.37	21.39	19.49
		707.5 (23095)	23.30	22.30	21.35	19.46
		700.5 (23025)	23.30	22.39	21.30	19.41
	8RB-Low (0)	714.5 (23165)	23.23	22.35	21.28	19.39
		707.5 (23095)	23.22	22.25	21.30	19.41
		700.5 (23025)	23.32	22.38	21.25	19.37
	15RB (0)	714.5 (23165)	23.18	22.23	21.23	19.35
		707.5 (23095)	23.20	22.16	21.23	19.35
		700.5 (23025)	23.26	22.30	21.27	19.39

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5MHz	1RB-High (24)	713.5 (23155)	24.34	23.60	22.40	19.61
		707.5 (23095)	24.21	23.56	22.47	19.67
		701.5 (23035)	24.26	23.72	22.18	19.42
	1RB-Middle (12)	713.5 (23155)	24.29	23.74	22.41	19.62
		707.5 (23095)	24.31	23.68	22.60	19.79
		701.5 (23035)	24.25	23.63	22.61	19.79
	1RB-Low (0)	713.5 (23155)	24.25	23.43	22.76	19.93
		707.5 (23095)	24.16	23.45	22.25	19.48
		701.5 (23035)	24.20	23.81	22.32	19.54
	12RB-High (13)	713.5 (23155)	23.27	22.24	21.32	19.43
		707.5 (23095)	23.26	22.32	21.33	19.44
		701.5 (23035)	23.29	22.32	21.29	19.40
	12RB-Middle (6)	713.5 (23155)	23.32	22.39	21.35	19.46
		707.5 (23095)	23.22	22.37	21.26	19.38
		701.5 (23035)	23.31	22.36	21.41	19.51
	12RB-Low (0)	713.5 (23155)	23.20	22.33	21.20	19.32
		707.5 (23095)	23.26	22.22	21.24	19.36
		701.5 (23035)	23.24	22.23	21.26	19.38
	25RB (0)	713.5 (23155)	23.29	22.33	21.39	19.49
		707.5 (23095)	23.20	22.21	21.25	19.37
		701.5 (23035)	23.28	22.32	21.29	19.40
10MHz	1RB-High (49)	711 (23130)	24.17	23.58	22.37	19.58
		707.5 (23095)	24.13	23.49	22.30	19.52
		704 (23060)	24.18	23.47	22.30	19.52
	1RB-Middle (24)	711 (23130)	24.24	23.50	22.48	19.68
		707.5 (23095)	24.29	23.50	22.46	19.66
		704 (23060)	24.21	23.47	22.66	19.84
	1RB-Low (0)	711 (23130)	24.44	23.72	22.55	19.74
		707.5 (23095)	24.35	23.84	22.74	19.91
		704 (23060)	24.23	23.77	22.58	19.77
	25RB-High (25)	711 (23130)	23.24	22.28	21.26	19.38
		707.5 (23095)	23.34	22.28	21.20	19.32
		704 (23060)	23.27	22.27	21.32	19.43
	25RB-Middle (12)	711 (23130)	23.31	22.26	21.22	19.34
		707.5 (23095)	23.21	22.22	21.29	19.40
		704 (23060)	23.29	22.38	21.36	19.47
	25RB-Low (0)	711 (23130)	23.26	22.31	21.23	19.35
		707.5 (23095)	23.26	22.30	21.26	19.38
		704 (23060)	23.31	22.28	21.23	19.35
	50RB (0)	711 (23130)	23.30	22.28	21.33	19.44
		707.5 (23095)	23.27	22.33	21.34	19.45
		704 (23060)	23.35	22.38	21.27	19.39

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LTE Band12(ANT1 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	17.51	17.66	17.45	17.54
		707.5 (23095)	17.67	17.63	17.61	17.52
		699.7 (23017)	17.56	17.55	17.50	17.44
	1RB-Middle (3)	715.3 (23173)	17.52	17.72	17.46	17.61
		707.5 (23095)	17.58	17.66	17.52	17.54
		699.7 (23017)	17.66	17.67	17.60	17.56
	1RB-Low (0)	715.3 (23173)	17.48	17.69	17.42	17.58
		707.5 (23095)	17.64	17.41	17.58	17.30
		699.7 (23017)	17.67	17.50	17.61	17.66
	3RB-High (3)	715.3 (23173)	17.57	17.34	17.51	17.23
		707.5 (23095)	17.65	17.45	17.59	17.34
		699.7 (23017)	17.65	17.46	17.59	17.35
	3RB-Middle (1)	715.3 (23173)	17.56	17.14	17.51	17.03
		707.5 (23095)	17.60	17.44	17.54	17.33
		699.7 (23017)	17.66	17.57	17.60	17.46
	3RB-Low (0)	715.3 (23173)	17.56	17.46	17.51	17.35
		707.5 (23095)	17.67	17.41	17.61	17.30
		699.7 (23017)	17.59	17.29	17.53	17.18
	6RB (0)	715.3 (23173)	17.63	17.47	17.57	17.36
		707.5 (23095)	17.58	17.29	17.52	17.19
		699.7 (23017)	17.65	17.35	17.59	17.24
3MHz	1RB-High (14)	714.5 (23165)	17.52	17.45	17.46	17.34
		707.5 (23095)	17.56	17.58	17.51	17.47
		700.5 (23025)	17.65	17.60	17.59	17.49
	1RB-Middle (7)	714.5 (23165)	17.64	17.48	17.58	17.37
		707.5 (23095)	17.70	17.59	17.64	17.48
		700.5 (23025)	17.57	17.49	17.51	17.65
	1RB-Low (0)	714.5 (23165)	17.58	17.45	17.52	17.34
		707.5 (23095)	17.50	17.55	17.44	17.71
		700.5 (23025)	17.69	17.48	17.63	17.37
	8RB-High (7)	714.5 (23165)	17.60	17.38	17.54	17.28
		707.5 (23095)	17.71	17.34	17.65	17.23
		700.5 (23025)	17.62	17.36	17.56	17.25
	8RB-Middle (4)	714.5 (23165)	17.66	17.31	17.60	17.20
		707.5 (23095)	17.71	17.42	17.65	17.31
		700.5 (23025)	17.65	17.47	17.59	17.36
	8RB-Low (0)	714.5 (23165)	17.57	17.23	17.51	17.12
		707.5 (23095)	17.59	17.38	17.53	17.27
		700.5 (23025)	17.70	17.45	17.64	17.34
	15RB (0)	714.5 (23165)	17.58	17.29	17.52	17.18
		707.5 (23095)	17.59	17.29	17.53	17.19
		700.5 (23025)	17.60	17.38	17.54	17.27

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5MHz	1RB-High (24)	713.5 (23155)	17.54	17.50	17.48	17.39
		707.5 (23095)	17.58	17.63	17.52	17.52
		701.5 (23035)	17.51	17.44	17.45	17.33
	1RB-Middle (12)	713.5 (23155)	17.64	17.73	17.58	17.62
		707.5 (23095)	17.67	17.53	17.61	17.69
		701.5 (23035)	17.65	17.59	17.59	17.48
	1RB-Low (0)	713.5 (23155)	17.68	17.66	17.61	17.55
		707.5 (23095)	17.67	17.55	17.61	17.44
		701.5 (23035)	17.52	17.54	17.46	17.43
	12RB-High (13)	713.5 (23155)	17.65	17.33	17.59	17.22
		707.5 (23095)	17.66	17.34	17.60	17.23
		701.5 (23035)	17.63	17.38	17.57	17.28
	12RB-Middle (6)	713.5 (23155)	17.67	17.51	17.61	17.40
		707.5 (23095)	17.60	17.30	17.54	17.19
		701.5 (23035)	17.68	17.43	17.62	17.32
	12RB-Low (0)	713.5 (23155)	17.51	17.32	17.45	17.21
		707.5 (23095)	17.58	17.28	17.52	17.17
		701.5 (23035)	17.56	17.32	17.51	17.21
	25RB (0)	713.5 (23155)	17.66	17.36	17.60	17.25
		707.5 (23095)	17.62	17.28	17.56	17.17
		701.5 (23035)	17.63	17.38	17.57	17.27
10MHz	1RB-High (49)	711 (23130)	17.40	17.45	17.59	17.63
		707.5 (23095)	17.42	17.65	17.72	17.50
		704 (23060)	17.46	17.68	17.79	17.39
	1RB-Middle (24)	711 (23130)	17.65	17.77	17.77	17.52
		707.5 (23095)	17.67	17.77	17.71	17.46
		704 (23060)	17.63	17.73	17.80	17.44
	1RB-Low (0)	711 (23130)	17.65	17.70	17.73	17.65
		707.5 (23095)	17.68	17.85	17.77	17.53
		704 (23060)	17.67	17.81	17.76	17.50
	25RB-High (25)	711 (23130)	17.55	17.56	17.60	17.22
		707.5 (23095)	17.57	17.59	17.63	17.21
		704 (23060)	17.64	17.61	17.66	17.23
	25RB-Middle (12)	711 (23130)	17.58	17.61	17.52	17.17
		707.5 (23095)	17.55	17.56	17.51	17.21
		704 (23060)	17.61	17.60	17.69	17.35
	25RB-Low (0)	711 (23130)	17.56	17.47	17.60	17.18
		707.5 (23095)	17.57	17.60	17.59	17.20
		704 (23060)	17.57	17.60	17.61	17.26
	50RB (0)	711 (23130)	17.58	17.48	17.49	17.11
		707.5 (23095)	17.56	17.56	17.51	17.19
		704 (23060)	17.61	17.61	17.65	17.28

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LTE Band13(ANT0 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	23.51	22.54	21.67	18.49
		782 (23230)	23.41	22.55	21.58	18.42
		779.5 (23205)	23.31	22.59	21.58	18.42
	1RB-Middle (12)	784.5 (23255)	23.57	22.60	21.61	18.44
		782 (23230)	23.57	22.59	21.64	18.47
		779.5 (23205)	23.62	22.62	21.57	18.41
	1RB-Low (0)	784.5 (23255)	23.62	22.61	21.60	18.43
		782 (23230)	23.53	22.65	21.69	18.51
		779.5 (23205)	23.56	22.59	21.58	18.53
	12RB-High (13)	784.5 (23255)	22.61	21.63	20.66	18.69
		782 (23230)	22.62	21.49	20.55	18.63
		779.5 (23205)	22.59	21.69	20.68	18.57
	12RB-Middle (6)	784.5 (23255)	22.55	21.62	20.58	18.62
		782 (23230)	22.57	21.63	20.62	18.66
		779.5 (23205)	22.69	21.53	20.69	18.59
	12RB-Low (0)	784.5 (23255)	22.53	21.57	20.56	18.60
		782 (23230)	22.51	21.48	20.61	18.65
		779.5 (23205)	22.51	21.54	20.53	18.57
	25RB (0)	784.5 (23255)	22.51	21.52	20.50	18.55
		782 (23230)	22.52	21.57	20.56	18.60
		779.5 (23205)	22.62	21.59	20.62	18.66
10MHz	1RB-High (49)	782 (23230)	23.45	22.45	21.72	18.54
	1RB-Middle (24)	782 (23230)	23.51	22.60	21.76	18.57
	1RB-Low (0)	782 (23230)	23.63	22.64	21.70	18.52
	25RB-High (25)	782 (23230)	22.58	21.54	20.60	18.64
	25RB-Middle (12)	782 (23230)	22.53	21.53	20.59	18.63
	25RB-Low (0)	782 (23230)	22.62	21.61	20.57	18.61
	50RB (0)	782 (23230)	22.49	21.56	20.44	18.49

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LTE Band13(ANT0 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	17.53	17.69	17.68	17.59
		782 (23230)	17.59	18.00	18.06	17.97
		779.5 (23205)	17.47	17.83	17.87	17.78
	1RB-Middle (12)	784.5 (23255)	17.57	17.68	17.75	17.66
		782 (23230)	17.70	17.94	17.72	17.63
		779.5 (23205)	17.65	17.79	17.76	17.67
	1RB-Low (0)	784.5 (23255)	17.62	17.65	17.82	17.73
		782 (23230)	17.81	17.94	17.82	17.73
		779.5 (23205)	17.58	18.03	17.94	17.85
	12RB-High (13)	784.5 (23255)	17.61	17.75	17.66	17.57
		782 (23230)	17.69	17.76	17.67	17.58
		779.5 (23205)	17.70	17.79	17.68	17.59
	12RB-Middle (6)	784.5 (23255)	17.74	17.80	17.80	17.71
		782 (23230)	17.59	17.82	17.67	17.58
		779.5 (23205)	17.79	17.83	17.73	17.64
	12RB-Low (0)	784.5 (23255)	17.68	17.71	17.85	17.76
		782 (23230)	17.74	17.71	17.65	17.56
		779.5 (23205)	17.75	17.75	17.64	17.55
	25RB (0)	784.5 (23255)	17.67	17.73	17.74	17.65
		782 (23230)	17.62	17.69	17.69	17.60
		779.5 (23205)	17.72	17.67	17.75	17.66
10MHz	1RB-High (49)	782 (23230)	17.63	17.91	17.79	17.70
	1RB-Middle (24)	782 (23230)	17.78	17.87	17.93	17.84
	1RB-Low (0)	782 (23230)	17.71	17.91	17.87	17.78
	25RB-High (25)	782 (23230)	17.74	17.76	17.69	17.60
	25RB-Middle (12)	782 (23230)	17.73	17.75	17.79	17.70
	25RB-Low (0)	782 (23230)	17.72	17.77	17.74	17.65
	50RB (0)	782 (23230)	17.70	17.74	17.74	17.65

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LTE Band13(ANT1 DSI 1/2/5/12/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	22.59	21.85	20.81	17.47
		782 (23230)	22.60	21.94	20.72	17.13
		779.5 (23205)	22.53	22.00	20.88	17.40
	1RB-Middle (12)	784.5 (23255)	22.70	21.72	20.96	17.34
		782 (23230)	22.77	21.96	20.79	17.42
		779.5 (23205)	22.68	21.75	20.93	17.31
	1RB-Low (0)	784.5 (23255)	22.62	21.83	20.91	17.43
		782 (23230)	22.72	22.00	20.90	17.29
		779.5 (23205)	22.61	21.76	21.00	17.37
	12RB-High (13)	784.5 (23255)	21.69	20.76	19.77	17.19
		782 (23230)	21.72	20.76	19.79	17.21
		779.5 (23205)	21.75	20.75	19.77	17.19
	12RB-Middle (6)	784.5 (23255)	21.72	20.74	19.70	17.13
		782 (23230)	21.68	20.74	19.71	17.14
		779.5 (23205)	21.83	20.93	19.81	17.23
	12RB-Low (0)	784.5 (23255)	21.65	20.62	19.69	17.12
		782 (23230)	21.65	20.77	19.75	17.18
		779.5 (23205)	21.71	20.72	19.75	17.18
	25RB (0)	784.5 (23255)	21.62	20.71	19.63	17.07
		782 (23230)	21.68	20.65	19.68	17.11
		779.5 (23205)	21.74	20.81	19.89	17.30
10MHz	1RB-High (49)	782 (23230)	22.51	21.80	20.63	17.06
	1RB-Middle (24)	782 (23230)	22.68	21.75	20.76	17.17
	1RB-Low (0)	782 (23230)	22.61	21.86	20.96	17.34
	25RB-High (25)	782 (23230)	21.74	20.66	19.72	17.15
	25RB-Middle (12)	782 (23230)	21.73	20.69	19.63	17.07
	25RB-Low (0)	782 (23230)	21.84	20.69	19.80	17.22
	50RB (0)	782 (23230)	21.63	20.67	19.78	17.20

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LTE Band13(ANT1 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	18.47	18.83	18.67	17.14
		782 (23230)	18.49	18.83	18.84	17.29
		779.5 (23205)	18.42	18.79	18.68	17.15
	1RB-Middle (12)	784.5 (23255)	18.45	18.95	18.86	17.31
		782 (23230)	18.53	18.79	18.67	17.14
		779.5 (23205)	18.59	18.84	18.94	17.38
	1RB-Low (0)	784.5 (23255)	18.57	18.82	18.84	17.29
		782 (23230)	18.65	18.85	18.85	17.30
		779.5 (23205)	18.43	18.75	18.75	17.21
	12RB-High (13)	784.5 (23255)	18.58	18.65	18.63	17.10
		782 (23230)	18.62	18.69	18.63	17.10
		779.5 (23205)	18.58	18.65	18.54	17.02
	12RB-Middle (6)	784.5 (23255)	18.56	18.59	18.63	17.10
		782 (23230)	18.53	18.58	18.60	17.07
		779.5 (23205)	18.62	18.66	18.70	17.16
	12RB-Low (0)	784.5 (23255)	18.61	18.65	18.68	17.15
		782 (23230)	18.52	18.59	18.52	17.00
		779.5 (23205)	18.49	18.61	18.59	17.06
	25RB (0)	784.5 (23255)	18.54	18.57	18.65	17.12
		782 (23230)	18.56	18.53	18.58	17.05
		779.5 (23205)	18.60	18.55	18.60	17.07
10MHz	1RB-High (49)	782 (23230)	18.52	18.84	18.58	17.05
	1RB-Middle (24)	782 (23230)	18.67	18.82	18.67	17.14
	1RB-Low (0)	782 (23230)	18.51	18.93	18.65	17.12
	25RB-High (25)	782 (23230)	18.60	18.65	18.61	17.08
	25RB-Middle (12)	782 (23230)	18.58	18.61	18.59	17.06
	25RB-Low (0)	782 (23230)	18.58	18.61	18.59	17.06
	50RB (0)	782 (23230)	18.62	18.70	18.67	17.14

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LTE Band17(ANT0 DSI 1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	713.5 (23825)	24.52	24.54	23.27	20.29
		710 (23790)	24.51	24.57	23.35	20.14
		706.5 (23755)	24.66	24.63	23.36	20.34
	1RB-Middle (12)	713.5 (23825)	24.64	24.61	23.56	20.34
		710 (23790)	24.80	24.64	23.56	20.31
		706.5 (23755)	24.74	24.67	23.58	20.43
	1RB-Low (0)	713.5 (23825)	24.49	24.53	23.43	20.20
		710 (23790)	24.52	24.53	23.43	20.26
		706.5 (23755)	24.58	24.35	23.49	20.32
	12RB-High (13)	713.5 (23825)	24.33	23.28	22.29	20.33
		710 (23790)	24.33	23.36	22.38	20.40
		706.5 (23755)	24.32	23.39	22.24	20.45
	12RB-Middle (6)	713.5 (23825)	24.38	23.39	22.33	20.37
		710 (23790)	24.26	23.39	22.37	20.35
		706.5 (23755)	24.40	23.54	22.42	20.47
	12RB-Low (0)	713.5 (23825)	24.33	23.36	22.35	20.41
		710 (23790)	24.29	23.32	22.32	20.35
		706.5 (23755)	24.26	23.31	22.36	20.35
	25RB (0)	713.5 (23825)	24.26	23.29	22.28	20.28
		710 (23790)	24.17	23.26	22.24	20.38
		706.5 (23755)	24.34	23.40	22.35	20.43
10MHz	1RB-High (49)	711 (23800)	24.46	24.50	23.42	20.35
		710 (23790)	24.54	24.67	23.44	20.14
		709 (23780)	24.52	24.66	23.33	20.30
	1RB-Middle (24)	711 (23800)	24.62	24.54	23.35	20.37
		710 (23790)	24.52	24.63	23.38	20.32
		709 (23780)	24.64	24.58	23.31	20.44
	1RB-Low (0)	711 (23800)	24.48	24.66	23.66	20.35
		710 (23790)	24.75	24.61	23.53	20.42
		709 (23780)	24.84	24.39	23.58	20.41
	25RB-High (25)	711 (23800)	24.36	23.38	22.33	20.41
		710 (23790)	24.30	23.26	22.33	20.39
		709 (23780)	24.30	23.42	22.38	20.35
	25RB-Middle (12)	711 (23800)	24.36	23.43	22.39	20.38
		710 (23790)	24.38	23.39	22.30	20.35
		709 (23780)	24.39	23.39	22.35	20.39
	25RB-Low (0)	711 (23800)	24.34	23.36	22.28	20.35
		710 (23790)	24.27	23.33	22.34	20.29
		709 (23780)	24.27	23.35	22.32	20.35
	50RB (0)	711 (23800)	24.19	23.19	22.26	20.33
		710 (23790)	24.34	23.25	22.31	20.39
		709 (23780)	24.38	23.38	22.37	20.41

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LTE Band17(ANT0 DSI 5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	713.5 (23825)	24.99	24.70	23.39	20.36
		710 (23790)	25.10	24.51	23.22	20.21
		706.5 (23755)	25.07	24.55	23.45	20.41
	1RB-Middle (12)	713.5 (23825)	25.04	24.53	23.45	20.41
		710 (23790)	25.23	24.59	23.42	20.38
		706.5 (23755)	25.07	24.46	23.56	20.50
	1RB-Low (0)	713.5 (23825)	25.10	24.48	23.29	20.27
		710 (23790)	25.11	24.49	23.36	20.33
		706.5 (23755)	25.09	24.61	23.43	20.39
	12RB-High (13)	713.5 (23825)	24.25	23.31	22.29	20.40
		710 (23790)	24.30	23.35	22.37	20.47
		706.5 (23755)	24.31	23.33	22.43	20.52
	12RB-Middle (6)	713.5 (23825)	24.31	23.33	22.34	20.44
		710 (23790)	24.26	23.39	22.32	20.42
		706.5 (23755)	24.36	23.39	22.45	20.54
	12RB-Low (0)	713.5 (23825)	24.29	23.31	22.39	20.48
		710 (23790)	24.27	23.32	22.32	20.42
		706.5 (23755)	24.34	23.41	22.31	20.42
	25RB (0)	713.5 (23825)	24.27	23.39	22.24	20.35
		710 (23790)	24.25	23.23	22.35	20.45
		706.5 (23755)	24.37	23.38	22.41	20.50
10MHz	1RB-High (49)	711 (23800)	25.01	24.57	23.47	20.42
		710 (23790)	25.03	24.65	23.22	20.21
		709 (23780)	25.01	24.29	23.41	20.37
	1RB-Middle (24)	711 (23800)	25.09	24.61	23.49	20.44
		710 (23790)	25.11	24.40	23.43	20.39
		709 (23780)	25.16	24.51	23.57	20.51
	1RB-Low (0)	711 (23800)	25.14	24.57	23.47	20.42
		710 (23790)	25.03	24.59	23.54	20.49
		709 (23780)	25.12	24.35	23.53	20.48
	25RB-High (25)	711 (23800)	24.30	23.35	22.38	20.48
		710 (23790)	24.27	23.36	22.36	20.46
		709 (23780)	24.28	23.39	22.32	20.42
	25RB-Middle (12)	711 (23800)	24.35	23.41	22.35	20.45
		710 (23790)	24.27	23.34	22.32	20.42
		709 (23780)	24.29	23.40	22.36	20.46
	25RB-Low (0)	711 (23800)	24.27	23.37	22.32	20.42
		710 (23790)	24.31	23.34	22.25	20.36
		709 (23780)	24.36	23.33	22.32	20.42
	50RB (0)	711 (23800)	24.26	23.28	22.29	20.40
		710 (23790)	24.28	23.32	22.36	20.46
		709 (23780)	24.35	23.40	22.39	20.48

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LTE Band17(ANT0 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	713.5 (23825)	18.59	18.79	18.46	18.56
		710 (23790)	18.69	18.96	18.69	18.66
		706.5 (23755)	18.53	19.02	18.86	18.50
	1RB-Middle (12)	713.5 (23825)	18.61	18.76	18.80	18.58
		710 (23790)	18.52	19.03	18.87	18.49
		706.5 (23755)	18.79	19.01	18.74	18.76
	1RB-Low (0)	713.5 (23825)	18.62	19.05	18.91	18.59
		710 (23790)	18.59	18.97	18.85	18.56
		706.5 (23755)	18.62	19.06	18.89	18.59
	12RB-High (13)	713.5 (23825)	18.65	18.55	18.56	18.62
		710 (23790)	18.72	18.66	18.63	18.69
		706.5 (23755)	18.61	18.65	18.63	18.58
	12RB-Middle (6)	713.5 (23825)	18.57	18.70	18.63	18.54
		710 (23790)	18.63	18.60	18.66	18.60
		706.5 (23755)	18.74	18.69	18.70	18.71
	12RB-Low (0)	713.5 (23825)	18.60	18.64	18.60	18.57
		710 (23790)	18.62	18.60	18.62	18.59
		706.5 (23755)	18.60	18.54	18.57	18.57
	25RB (0)	713.5 (23825)	18.51	18.59	18.63	18.48
		710 (23790)	18.54	18.57	18.58	18.51
		706.5 (23755)	18.65	18.67	18.59	18.62
10MHz	1RB-High (49)	711 (23800)	18.58	18.79	18.63	18.55
		710 (23790)	18.62	19.00	18.59	18.59
		709 (23780)	18.41	19.04	18.66	18.38
	1RB-Middle (24)	711 (23800)	18.52	19.04	18.74	18.49
		710 (23790)	18.58	18.95	18.59	18.55
		709 (23780)	18.58	19.06	18.70	18.55
	1RB-Low (0)	711 (23800)	18.53	18.78	18.78	18.50
		710 (23790)	18.63	18.92	18.78	18.60
		709 (23780)	18.65	18.91	18.99	18.58
	25RB-High (25)	711 (23800)	18.65	18.63	18.63	18.62
		710 (23790)	18.64	18.71	18.60	18.61
		709 (23780)	18.62	18.61	18.62	18.59
	25RB-Middle (12)	711 (23800)	18.65	18.67	18.67	18.62
		710 (23790)	18.59	18.58	18.61	18.56
		709 (23780)	18.71	18.60	18.69	18.68
	25RB-Low (0)	711 (23800)	18.59	18.60	18.65	18.56
		710 (23790)	18.66	18.60	18.63	18.63
		709 (23780)	18.64	18.62	18.60	18.61
	50RB (0)	711 (23800)	18.64	18.53	18.50	18.61
		710 (23790)	18.65	18.61	18.56	18.62
		709 (23780)	18.64	18.71	18.64	18.61

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LTE Band17(ANT1 DSI 1/2/5/12/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	713.5 (23825)	24.08	23.59	22.42	19.43
		710 (23790)	24.06	23.87	22.59	19.82
		706.5 (23755)	24.19	23.61	22.52	19.45
	1RB-Middle (12)	713.5 (23825)	24.23	23.78	22.60	19.60
		710 (23790)	24.23	23.77	22.66	19.59
		706.5 (23755)	24.35	23.98	22.71	19.77
	1RB-Low (0)	713.5 (23825)	24.13	23.64	22.53	19.48
		710 (23790)	24.15	23.79	22.55	19.61
		706.5 (23755)	24.18	23.57	22.41	19.42
	12RB-High (13)	713.5 (23825)	23.42	22.38	21.45	19.39
		710 (23790)	23.45	22.45	21.44	19.45
		706.5 (23755)	23.44	22.44	21.46	19.44
	12RB-Middle (6)	713.5 (23825)	23.44	22.51	21.44	19.50
		710 (23790)	23.38	22.51	21.47	19.50
		706.5 (23755)	23.43	22.56	21.52	19.54
	12RB-Low (0)	713.5 (23825)	23.38	22.53	21.47	19.52
		710 (23790)	23.42	22.46	21.49	19.46
		706.5 (23755)	23.34	22.42	21.42	19.42
	25RB (0)	713.5 (23825)	23.34	22.37	21.39	19.38
		710 (23790)	23.33	22.39	21.32	19.40
		706.5 (23755)	23.40	22.43	21.48	19.43
10MHz	1RB-High (49)	711 (23800)	24.08	23.70	22.36	19.53
		710 (23790)	24.17	23.84	21.39	19.85
		709 (23780)	24.12	23.71	21.73	19.54
	1RB-Middle (24)	711 (23800)	24.16	23.69	22.54	19.52
		710 (23790)	24.28	23.73	21.71	19.56
		709 (23780)	24.15	23.72	21.57	19.55
	1RB-Low (0)	711 (23800)	24.18	23.81	22.59	19.63
		710 (23790)	24.18	23.92	21.51	19.72
		709 (23780)	24.33	23.88	21.87	19.86
	25RB-High (25)	711 (23800)	23.39	22.38	21.47	19.39
		710 (23790)	23.46	22.44	20.43	19.44
		709 (23780)	23.47	22.36	20.49	19.37
	25RB-Middle (12)	711 (23800)	23.46	22.46	21.51	19.46
		710 (23790)	23.37	22.48	20.37	19.47
		709 (23780)	23.45	22.51	20.44	19.50
	25RB-Low (0)	711 (23800)	23.42	22.33	21.41	19.34
		710 (23790)	23.39	22.45	20.45	19.45
		709 (23780)	23.40	22.50	20.32	19.49
	50RB (0)	711 (23800)	23.41	22.45	20.35	19.45
		710 (23790)	23.45	22.33	20.39	19.34
		709 (23780)	23.48	22.44	20.48	19.44

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LTE Band17(ANT1 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	713.5 (23825)	19.88	20.34	20.05	19.32
		710 (23790)	19.99	20.36	20.20	19.47
		706.5 (23755)	20.00	20.45	20.20	19.47
	1RB-Middle (12)	713.5 (23825)	20.66	20.57	20.26	19.53
		710 (23790)	20.14	20.43	20.34	19.60
		706.5 (23755)	20.07	20.58	20.31	19.57
	1RB-Low (0)	713.5 (23825)	20.12	20.46	20.13	19.40
		710 (23790)	20.16	20.40	20.25	19.52
		706.5 (23755)	20.09	20.42	20.04	19.31
	12RB-High (13)	713.5 (23825)	20.03	20.17	20.08	19.35
		710 (23790)	20.07	20.24	20.16	19.43
		706.5 (23755)	20.18	20.21	20.14	19.41
	12RB-Middle (6)	713.5 (23825)	20.06	20.15	20.19	19.46
		710 (23790)	20.06	20.14	20.14	19.41
		706.5 (23755)	20.19	20.19	20.24	19.51
	12RB-Low (0)	713.5 (23825)	20.07	20.20	20.13	19.40
		710 (23790)	20.03	20.22	20.14	19.41
		706.5 (23755)	20.10	20.14	20.11	19.38
	25RB (0)	713.5 (23825)	20.07	20.03	20.16	19.43
		710 (23790)	20.03	20.08	20.19	19.46
		706.5 (23755)	20.12	20.21	20.17	19.44
10MHz	1RB-High (49)	711 (23800)	19.95	20.56	20.29	19.56
		710 (23790)	19.99	20.37	20.09	19.36
		709 (23780)	19.99	20.39	20.04	19.31
	1RB-Middle (24)	711 (23800)	20.05	20.47	20.26	19.53
		710 (23790)	20.09	20.49	20.19	19.46
		709 (23780)	20.09	20.42	20.26	19.53
	1RB-Low (0)	711 (23800)	20.20	20.56	20.30	19.57
		710 (23790)	20.18	20.41	20.35	19.61
		709 (23780)	20.16	20.49	20.20	19.47
	25RB-High (25)	711 (23800)	20.13	20.18	20.12	19.39
		710 (23790)	20.15	20.15	20.11	19.38
		709 (23780)	20.09	20.20	20.13	19.40
	25RB-Middle (12)	711 (23800)	20.17	20.21	20.23	19.50
		710 (23790)	20.16	20.09	20.15	19.42
		709 (23780)	20.16	20.22	20.25	19.52
	25RB-Low (0)	711 (23800)	20.05	20.20	20.19	19.46
		710 (23790)	20.13	20.16	20.11	19.38
		709 (23780)	20.12	20.13	20.10	19.37
	50RB (0)	711 (23800)	20.05	20.02	20.05	19.32
		710 (23790)	20.11	20.15	20.20	19.47
		709 (23780)	20.13	20.21	20.14	19.41

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LTE Band25(ANT2 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	22.31	22.18	22.15	19.62
		1882.5 (26365)	22.35	22.30	22.24	19.70
		1850.7 (26047)	22.43	22.44	22.12	19.59
	1RB-Middle (3)	1914.3 (26683)	22.46	22.15	22.15	19.62
		1882.5 (26365)	22.51	22.49	22.26	19.71
		1850.7 (26047)	22.47	22.48	22.19	19.65
	1RB-Low (0)	1914.3 (26683)	22.24	22.22	22.21	19.67
		1882.5 (26365)	22.29	22.13	22.23	19.69
		1850.7 (26047)	22.42	22.21	22.09	19.57
	3RB-High (3)	1914.3 (26683)	22.33	22.48	22.10	19.57
		1882.5 (26365)	22.37	22.06	22.20	19.66
		1850.7 (26047)	22.55	22.07	22.06	19.54
	3RB-Middle (1)	1914.3 (26683)	22.44	22.26	22.16	19.63
		1882.5 (26365)	22.39	22.04	22.24	19.70
		1850.7 (26047)	22.50	22.21	22.01	19.50
	3RB-Low (0)	1914.3 (26683)	22.29	22.26	22.18	19.64
		1882.5 (26365)	22.39	22.06	22.20	19.66
		1850.7 (26047)	22.59	22.06	22.03	19.51
	6RB (0)	1914.3 (26683)	22.35	22.49	21.15	19.30
		1882.5 (26365)	22.36	22.35	21.26	19.40
		1850.7 (26047)	22.46	22.49	21.03	19.19
3MHz	1RB-High (14)	1913.5 (26675)	22.21	22.11	22.15	19.62
		1882.5 (26365)	22.23	22.08	22.12	19.59
		1851.5 (26055)	22.33	22.48	22.39	19.83
	1RB-Middle (7)	1913.5 (26675)	22.31	22.55	22.44	19.87
		1882.5 (26365)	22.57	22.53	22.20	19.66
		1851.5 (26055)	22.57	22.64	22.12	19.59
	1RB-Low (0)	1913.5 (26675)	22.27	22.45	22.41	19.85
		1882.5 (26365)	22.36	22.49	22.12	19.59
		1851.5 (26055)	22.55	22.18	22.14	19.61
	8RB-High (7)	1913.5 (26675)	22.44	22.48	21.25	19.39
		1882.5 (26365)	22.54	22.50	21.39	19.52
		1851.5 (26055)	22.55	22.04	21.13	19.28
	8RB-Middle (4)	1913.5 (26675)	22.43	22.44	21.38	19.51
		1882.5 (26365)	22.46	22.03	21.38	19.51
		1851.5 (26055)	22.55	22.08	21.13	19.28
	8RB-Low (0)	1913.5 (26675)	22.23	22.30	21.44	19.57
		1882.5 (26365)	22.36	22.30	21.32	19.45
		1851.5 (26055)	22.51	22.10	21.04	19.20
	15RB (0)	1913.5 (26675)	22.39	22.34	21.34	19.47
		1882.5 (26365)	22.32	22.29	21.33	19.46
		1851.5 (26055)	22.51	22.49	21.08	19.23

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5MHz	1RB-High (24)	1912.5 (26665)	22.43	22.33	22.07	19.55
		1882.5 (26365)	22.37	22.52	22.27	19.72
		1852.5 (26065)	22.46	22.60	22.47	19.90
	1RB-Middle (12)	1912.5 (26665)	22.36	22.37	22.44	19.87
		1882.5 (26365)	22.43	22.56	22.35	19.79
		1852.5 (26065)	22.47	22.60	22.21	19.67
	1RB-Low (0)	1912.5 (26665)	22.47	22.21	22.48	19.91
		1882.5 (26365)	22.36	22.48	22.03	19.51
		1852.5 (26065)	22.32	22.30	22.16	19.63
	12RB-High (13)	1912.5 (26665)	22.39	22.33	21.33	19.46
		1882.5 (26365)	22.44	22.35	21.32	19.45
		1852.5 (26065)	22.55	22.02	21.25	19.39
	12RB-Middle (6)	1912.5 (26665)	22.43	22.50	21.50	19.62
		1882.5 (26365)	22.47	22.44	21.38	19.51
		1852.5 (26065)	22.61	22.11	21.16	19.31
	12RB-Low (0)	1912.5 (26665)	22.50	22.45	21.59	19.70
		1882.5 (26365)	22.35	22.38	21.17	19.32
		1852.5 (26065)	22.51	22.03	21.05	19.21
	25RB (0)	1912.5 (26665)	22.40	22.38	21.41	19.54
		1882.5 (26365)	22.36	22.34	21.32	19.45
		1852.5 (26065)	22.47	22.42	21.13	19.28
10MHz	1RB-High (49)	1910 (26640)	22.36	22.26	22.20	19.66
		1882.5 (26365)	22.43	22.13	22.41	19.85
		1855 (26090)	22.46	22.56	22.06	19.98
	1RB-Middle (24)	1910 (26640)	22.31	22.30	22.40	19.84
		1882.5 (26365)	22.58	22.30	22.38	19.82
		1855 (26090)	22.42	22.49	22.28	19.73
	1RB-Low (0)	1910 (26640)	22.35	22.15	22.12	19.59
		1882.5 (26365)	22.25	22.22	22.30	19.75
		1855 (26090)	22.28	22.53	22.20	19.66
	25RB-High (25)	1910 (26640)	22.44	22.41	21.40	19.53
		1882.5 (26365)	22.52	22.50	21.34	19.47
		1855 (26090)	22.55	22.41	21.42	19.55
	25RB-Middle (12)	1910 (26640)	22.39	22.23	21.42	19.55
		1882.5 (26365)	22.46	22.33	21.32	19.45
		1855 (26090)	22.54	22.50	21.25	19.39
	25RB-Low (0)	1910 (26640)	22.42	22.34	21.31	19.44
		1882.5 (26365)	22.31	22.37	21.28	19.41
		1855 (26090)	22.55	22.41	21.15	19.30
	50RB (0)	1910 (26640)	22.33	22.16	21.30	19.43
		1882.5 (26365)	22.35	22.27	21.18	19.32
		1855 (26090)	22.55	22.03	21.23	19.37

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15MHz	1RB-High (74)	1907.5 (26615)	22.14	22.41	22.28	19.73
		1882.5 (26365)	22.16	22.23	22.29	19.74
		1857.5 (26115)	22.27	22.39	22.36	19.80
	1RB-Middle (37)	1907.5 (26615)	22.18	22.41	22.29	19.74
		1882.5 (26365)	22.17	22.48	22.29	19.74
		1857.5 (26115)	22.23	22.27	22.38	19.82
	1RB-Low (0)	1907.5 (26615)	22.20	22.11	22.26	19.71
		1882.5 (26365)	22.28	22.07	22.32	19.77
		1857.5 (26115)	22.21	22.44	22.03	19.51
	36RB-High (38)	1907.5 (26615)	22.31	22.18	21.39	19.52
		1882.5 (26365)	22.39	22.29	21.36	19.50
		1857.5 (26115)	22.36	22.35	21.37	19.51
	36RB-Middle (19)	1907.5 (26615)	22.24	22.18	21.27	19.41
		1882.5 (26365)	22.36	22.29	21.14	19.29
		1857.5 (26115)	22.44	22.39	21.24	19.38
	36RB-Low (0)	1907.5 (26615)	22.29	22.10	21.20	19.34
		1882.5 (26365)	22.29	22.22	21.19	19.33
		1857.5 (26115)	22.36	22.23	21.07	19.22
	75RB (0)	1907.5 (26615)	22.36	22.07	21.24	19.38
		1882.5 (26365)	22.32	22.26	21.15	19.30
		1857.5 (26115)	22.39	22.33	21.12	19.27
20MHz	1RB-High (99)	1905 (26590)	22.18	22.38	22.46	19.89
		1882.5 (26365)	22.46	22.20	22.57	19.99
		1860 (26140)	22.47	22.30	22.45	19.88
	1RB-Middle (50)	1905 (26590)	22.12	22.50	22.16	19.63
		1882.5 (26365)	22.18	22.19	22.34	19.78
		1860 (26140)	22.04	22.31	22.31	19.76
	1RB-Low (0)	1905 (26590)	22.27	22.74	22.55	19.97
		1882.5 (26365)	22.26	22.60	22.32	19.77
		1860 (26140)	22.05	22.14	22.34	19.78
	50RB-High (50)	1905 (26590)	22.29	22.31	21.33	19.46
		1882.5 (26365)	22.29	22.30	21.53	19.65
		1860 (26140)	22.30	22.30	21.35	19.49
	50RB-Middle (25)	1905 (26590)	22.28	22.18	21.30	19.43
		1882.5 (26365)	22.26	22.17	21.23	19.37
		1860 (26140)	22.28	22.39	21.38	19.51
	50RB-Low (0)	1905 (26590)	22.16	22.26	21.27	19.41
		1882.5 (26365)	22.23	22.19	21.24	19.38
		1860 (26140)	22.29	22.27	21.17	19.32
	100RB (0)	1905 (26590)	22.29	22.28	21.33	19.46
		1882.5 (26365)	22.13	22.30	21.24	19.38
		1860 (26140)	22.27	22.33	21.18	19.32

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LTE Band25(ANT2 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	21.06	21.61	21.60	19.66
		1882.5 (26365)	21.10	21.22	21.22	19.76
		1850.7 (26047)	21.18	21.35	21.35	19.89
	1RB-Middle (3)	1914.3 (26683)	21.21	21.58	21.57	19.63
		1882.5 (26365)	21.26	21.43	21.42	19.48
		1850.7 (26047)	21.22	21.39	21.38	19.92
	1RB-Low (0)	1914.3 (26683)	21.00	21.65	21.64	19.69
		1882.5 (26365)	21.05	21.56	21.55	19.61
		1850.7 (26047)	21.17	21.63	21.62	19.68
	3RB-High (3)	1914.3 (26683)	21.09	21.41	21.40	19.47
		1882.5 (26365)	21.13	21.49	21.48	19.55
		1850.7 (26047)	21.30	21.50	21.50	19.56
	3RB-Middle (1)	1914.3 (26683)	21.19	21.21	21.20	19.78
		1882.5 (26365)	21.14	21.48	21.47	19.53
		1850.7 (26047)	21.24	21.63	21.62	19.68
	3RB-Low (0)	1914.3 (26683)	21.05	21.21	21.20	19.78
		1882.5 (26365)	21.14	21.49	21.48	19.55
		1850.7 (26047)	21.33	21.49	21.48	19.55
	6RB (0)	1914.3 (26683)	21.10	21.43	21.42	19.48
		1882.5 (26365)	21.12	21.30	21.29	19.36
		1850.7 (26047)	21.21	21.43	21.42	19.48
3MHz	1RB-High (14)	1913.5 (26675)	20.97	21.54	21.53	19.59
		1882.5 (26365)	20.99	21.52	21.51	19.57
		1851.5 (26055)	21.09	21.39	21.38	19.92
	1RB-Middle (7)	1913.5 (26675)	21.06	21.46	21.45	19.98
		1882.5 (26365)	21.31	21.44	21.44	19.97
		1851.5 (26055)	21.31	21.55	21.54	19.77
	1RB-Low (0)	1913.5 (26675)	21.03	21.39	21.38	19.45
		1882.5 (26365)	21.12	21.40	21.40	19.94
		1851.5 (26055)	21.30	21.61	21.60	19.66
	8RB-High (7)	1913.5 (26675)	21.19	21.41	21.40	19.47
		1882.5 (26365)	21.28	21.44	21.43	19.50
		1851.5 (26055)	21.30	21.48	21.47	19.53
	8RB-Middle (4)	1913.5 (26675)	21.18	21.37	21.37	19.44
		1882.5 (26365)	21.21	21.47	21.46	19.52
		1851.5 (26055)	21.30	21.52	21.51	19.57
	8RB-Low (0)	1913.5 (26675)	20.99	21.25	21.24	19.31
		1882.5 (26365)	21.12	21.25	21.24	19.31
		1851.5 (26055)	21.26	21.53	21.52	19.58
	15RB (0)	1913.5 (26675)	21.14	21.28	21.27	19.35
		1882.5 (26365)	21.08	21.23	21.22	19.80
		1851.5 (26055)	21.26	21.43	21.42	19.48

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5MHz	1RB-High (24)	1912.5 (26665)	21.18	21.25	21.24	19.79
		1882.5 (26365)	21.13	21.43	21.42	19.96
		1852.5 (26065)	21.21	21.51	21.50	19.83
	1RB-Middle (12)	1912.5 (26665)	21.12	21.29	21.28	19.83
		1882.5 (26365)	21.18	21.47	21.46	20.00
		1852.5 (26065)	21.22	21.51	21.50	20.03
	1RB-Low (0)	1912.5 (26665)	21.22	21.63	21.62	19.68
		1882.5 (26365)	21.12	21.39	21.38	19.92
		1852.5 (26065)	21.08	21.22	21.22	19.76
	12RB-High (13)	1912.5 (26665)	21.14	21.27	21.26	19.34
		1882.5 (26365)	21.19	21.30	21.29	19.36
		1852.5 (26065)	21.30	21.45	21.44	19.51
	12RB-Middle (6)	1912.5 (26665)	21.18	21.44	21.43	19.50
		1882.5 (26365)	21.22	21.37	21.37	19.44
		1852.5 (26065)	21.35	21.54	21.53	19.59
	12RB-Low (0)	1912.5 (26665)	21.24	21.39	21.38	19.45
		1882.5 (26365)	21.10	21.32	21.31	19.39
		1852.5 (26065)	21.26	21.47	21.46	19.52
	25RB (0)	1912.5 (26665)	21.15	21.32	21.31	19.39
		1882.5 (26365)	21.12	21.28	21.27	19.35
		1852.5 (26065)	21.22	21.36	21.35	19.42
10MHz	1RB-High (49)	1910 (26640)	21.12	21.18	21.18	19.73
		1882.5 (26365)	21.18	21.56	21.55	19.61
		1855 (26090)	21.21	21.47	21.46	20.00
	1RB-Middle (24)	1910 (26640)	21.06	21.22	21.22	19.76
		1882.5 (26365)	21.32	21.22	21.22	19.76
		1855 (26090)	21.17	21.40	21.40	19.94
	1RB-Low (0)	1910 (26640)	21.10	21.58	21.57	19.63
		1882.5 (26365)	21.01	21.65	21.64	19.69
		1855 (26090)	21.04	21.44	21.44	19.97
	25RB-High (25)	1910 (26640)	21.19	21.35	21.34	19.41
		1882.5 (26365)	21.27	21.44	21.43	19.50
		1855 (26090)	21.30	21.35	21.34	19.41
	25RB-Middle (12)	1910 (26640)	21.14	21.18	21.17	19.75
		1882.5 (26365)	21.21	21.27	21.26	19.34
		1855 (26090)	21.28	21.44	21.43	19.50
	25RB-Low (0)	1910 (26640)	21.17	21.28	21.27	19.35
		1882.5 (26365)	21.06	21.31	21.30	19.38
		1855 (26090)	21.30	21.35	21.34	19.41
	50RB (0)	1910 (26640)	21.09	21.12	21.11	19.69
		1882.5 (26365)	21.10	21.22	21.21	19.79
		1855 (26090)	21.30	21.47	21.46	19.52

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15MHz	1RB-High (74)	1907.5 (26615)	20.91	21.35	21.34	19.41
		1882.5 (26365)	20.92	21.18	21.17	19.75
		1857.5 (26115)	21.03	21.34	21.33	19.40
	1RB-Middle (37)	1907.5 (26615)	20.95	21.35	21.34	19.41
		1882.5 (26365)	20.94	21.41	21.40	19.47
		1857.5 (26115)	20.99	21.20	21.19	19.74
	1RB-Low (0)	1907.5 (26615)	20.96	21.54	21.53	19.59
		1882.5 (26365)	21.04	21.50	21.50	19.56
		1857.5 (26115)	20.97	21.37	21.37	19.44
	36RB-High (38)	1907.5 (26615)	21.06	21.13	21.12	19.70
		1882.5 (26365)	21.14	21.23	21.22	19.80
		1857.5 (26115)	21.12	21.30	21.29	19.36
	36RB-Middle (19)	1907.5 (26615)	21.00	21.13	21.12	19.70
		1882.5 (26365)	21.12	21.23	21.22	19.80
		1857.5 (26115)	21.19	21.34	21.33	19.40
	36RB-Low (0)	1907.5 (26615)	21.05	21.05	21.04	19.63
		1882.5 (26365)	21.05	21.17	21.16	19.74
		1857.5 (26115)	21.12	21.18	21.17	19.75
	75RB (0)	1907.5 (26615)	21.12	21.03	21.02	19.61
		1882.5 (26365)	21.08	21.21	21.20	19.78
		1857.5 (26115)	21.14	21.27	21.26	19.34
20MHz	1RB-High (99)	1905 (26590)	21.10	21.25	21.44	19.51
		1882.5 (26365)	21.01	21.20	21.13	19.72
		1860 (26140)	21.05	21.21	21.24	19.31
	1RB-Middle (50)	1905 (26590)	21.33	21.69	21.29	19.36
		1882.5 (26365)	20.96	21.65	21.21	19.79
		1860 (26140)	21.21	21.56	21.55	19.61
	1RB-Low (0)	1905 (26590)	21.38	21.65	21.09	19.68
		1882.5 (26365)	20.99	21.10	21.38	19.45
		1860 (26140)	21.00	21.19	21.29	19.36
	50RB-High (50)	1905 (26590)	21.12	21.18	21.24	19.31
		1882.5 (26365)	21.15	21.17	21.22	19.80
		1860 (26140)	21.19	21.21	21.40	19.47
	50RB-Middle (25)	1905 (26590)	21.02	21.13	21.18	19.77
		1882.5 (26365)	21.14	21.10	21.15	19.73
		1860 (26140)	21.27	21.30	21.33	19.40
	50RB-Low (0)	1905 (26590)	21.14	21.12	21.24	19.31
		1882.5 (26365)	21.19	21.19	21.09	19.68
		1860 (26140)	21.17	21.19	21.20	19.78
	100RB (0)	1905 (26590)	21.20	21.06	21.08	19.67
		1882.5 (26365)	21.04	21.16	21.04	19.63
		1860 (26140)	21.18	21.22	21.21	19.79

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LTE Band25(ANT2 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	21.59	22.14	22.15	19.69
		1882.5 (26365)	21.63	21.74	21.76	19.79
		1850.7 (26047)	21.71	21.87	21.89	19.92
	1RB-Middle (3)	1914.3 (26683)	21.74	22.11	22.12	19.66
		1882.5 (26365)	21.79	21.96	21.97	19.51
		1850.7 (26047)	21.75	21.91	21.92	19.95
	1RB-Low (0)	1914.3 (26683)	21.53	22.18	22.19	19.72
		1882.5 (26365)	21.58	22.09	22.10	19.64
		1850.7 (26047)	21.70	22.16	22.17	19.71
	3RB-High (3)	1914.3 (26683)	21.62	21.93	21.94	19.50
		1882.5 (26365)	21.66	22.02	22.03	19.58
		1850.7 (26047)	21.83	22.03	22.05	19.59
	3RB-Middle (1)	1914.3 (26683)	21.72	21.73	21.74	19.81
		1882.5 (26365)	21.67	22.01	22.02	19.56
		1850.7 (26047)	21.77	22.16	22.17	19.71
	3RB-Low (0)	1914.3 (26683)	21.58	21.73	21.74	19.81
		1882.5 (26365)	21.67	22.02	22.03	19.58
		1850.7 (26047)	21.86	22.02	22.03	19.58
	6RB (0)	1914.3 (26683)	21.63	21.96	21.97	19.51
		1882.5 (26365)	21.65	21.82	21.83	19.39
		1850.7 (26047)	21.74	21.96	21.97	19.51
3MHz	1RB-High (14)	1913.5 (26675)	21.49	22.07	22.08	19.62
		1882.5 (26365)	21.52	22.05	22.06	19.60
		1851.5 (26055)	21.62	21.91	21.92	19.95
	1RB-Middle (7)	1913.5 (26675)	21.59	21.99	22.00	20.01
		1882.5 (26365)	21.84	21.97	21.99	20.00
		1851.5 (26055)	21.84	22.08	22.09	19.80
	1RB-Low (0)	1913.5 (26675)	21.56	21.91	21.92	19.48
		1882.5 (26365)	21.65	21.92	21.94	19.97
		1851.5 (26055)	21.83	22.14	22.15	19.69
	8RB-High (7)	1913.5 (26675)	21.72	21.93	21.94	19.50
		1882.5 (26365)	21.81	21.97	21.98	19.53
		1851.5 (26055)	21.83	22.01	22.02	19.56
	8RB-Middle (4)	1913.5 (26675)	21.71	21.89	21.91	19.47
		1882.5 (26365)	21.74	22.00	22.01	19.55
		1851.5 (26055)	21.83	22.05	22.06	19.60
	8RB-Low (0)	1913.5 (26675)	21.52	21.77	21.78	19.34
		1882.5 (26365)	21.65	21.77	21.78	19.34
		1851.5 (26055)	21.79	22.06	22.07	19.61
	15RB (0)	1913.5 (26675)	21.67	21.80	21.81	19.38
		1882.5 (26365)	21.61	21.75	21.76	19.83
		1851.5 (26055)	21.79	21.96	21.97	19.51

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5MHz	1RB-High (24)	1912.5 (26665)	21.71	21.77	21.78	19.82
		1882.5 (26365)	21.66	21.96	21.97	19.99
		1852.5 (26065)	21.74	22.04	22.05	19.86
	1RB-Middle (12)	1912.5 (26665)	21.65	21.81	21.82	19.86
		1882.5 (26365)	21.71	22.00	22.01	20.03
		1852.5 (26065)	21.75	22.04	22.05	20.06
	1RB-Low (0)	1912.5 (26665)	21.75	22.16	22.17	19.71
		1882.5 (26365)	21.65	21.91	21.92	19.95
		1852.5 (26065)	21.61	21.74	21.76	19.79
	12RB-High (13)	1912.5 (26665)	21.67	21.79	21.80	19.37
		1882.5 (26365)	21.72	21.82	21.83	19.39
		1852.5 (26065)	21.83	21.98	21.99	19.54
	12RB-Middle (6)	1912.5 (26665)	21.71	21.97	21.98	19.53
		1882.5 (26365)	21.75	21.89	21.91	19.47
		1852.5 (26065)	21.88	22.07	22.08	19.62
	12RB-Low (0)	1912.5 (26665)	21.77	21.91	21.92	19.48
		1882.5 (26365)	21.63	21.84	21.85	19.42
		1852.5 (26065)	21.79	22.00	22.01	19.55
	25RB (0)	1912.5 (26665)	21.68	21.84	21.85	19.42
		1882.5 (26365)	21.65	21.80	21.81	19.38
		1852.5 (26065)	21.75	21.88	21.89	19.45
10MHz	1RB-High (49)	1910 (26640)	21.65	21.70	21.72	19.76
		1882.5 (26365)	21.71	22.09	22.10	19.64
		1855 (26090)	21.74	22.00	22.01	20.03
	1RB-Middle (24)	1910 (26640)	21.59	21.74	21.76	19.79
		1882.5 (26365)	21.85	21.74	21.76	19.79
		1855 (26090)	21.70	21.92	21.94	19.97
	1RB-Low (0)	1910 (26640)	21.63	22.11	22.12	19.66
		1882.5 (26365)	21.54	22.18	22.19	19.72
		1855 (26090)	21.57	21.97	21.99	20.00
	25RB-High (25)	1910 (26640)	21.72	21.87	21.88	19.44
		1882.5 (26365)	21.80	21.97	21.98	19.53
		1855 (26090)	21.83	21.87	21.88	19.44
	25RB-Middle (12)	1910 (26640)	21.67	21.70	21.71	19.78
		1882.5 (26365)	21.74	21.79	21.80	19.37
		1855 (26090)	21.81	21.97	21.98	19.53
	25RB-Low (0)	1910 (26640)	21.70	21.80	21.81	19.38
		1882.5 (26365)	21.59	21.83	21.84	19.41
		1855 (26090)	21.83	21.87	21.88	19.44
	50RB (0)	1910 (26640)	21.62	21.64	21.65	19.72
		1882.5 (26365)	21.63	21.74	21.75	19.82
		1855 (26090)	21.83	22.00	22.01	19.55

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15MHz	1RB-High (74)	1907.5 (26615)	21.43	21.87	21.88	19.44
		1882.5 (26365)	21.44	21.70	21.71	19.78
		1857.5 (26115)	21.56	21.86	21.87	19.43
	1RB-Middle (37)	1907.5 (26615)	21.47	21.87	21.88	19.44
		1882.5 (26365)	21.46	21.93	21.94	19.50
		1857.5 (26115)	21.52	21.72	21.73	19.77
	1RB-Low (0)	1907.5 (26615)	21.48	22.07	22.08	19.62
		1882.5 (26365)	21.57	22.03	22.05	19.59
		1857.5 (26115)	21.49	21.89	21.91	19.47
	36RB-High (38)	1907.5 (26615)	21.59	21.65	21.66	19.73
		1882.5 (26365)	21.67	21.75	21.76	19.83
		1857.5 (26115)	21.65	21.82	21.83	19.39
	36RB-Middle (19)	1907.5 (26615)	21.53	21.65	21.66	19.73
		1882.5 (26365)	21.65	21.75	21.76	19.83
		1857.5 (26115)	21.72	21.86	21.87	19.43
	36RB-Low (0)	1907.5 (26615)	21.58	21.57	21.58	19.66
		1882.5 (26365)	21.58	21.69	21.70	19.77
		1857.5 (26115)	21.65	21.70	21.71	19.78
	75RB (0)	1907.5 (26615)	21.65	21.55	21.56	19.64
		1882.5 (26365)	21.61	21.73	21.74	19.81
		1857.5 (26115)	21.67	21.79	21.80	19.37
20MHz	1RB-High (99)	1905 (26590)	21.55	22.05	21.99	19.54
		1882.5 (26365)	21.53	21.50	21.67	19.75
		1860 (26140)	21.48	21.58	21.78	19.34
	1RB-Middle (50)	1905 (26590)	21.58	21.65	21.83	19.39
		1882.5 (26365)	21.58	21.84	21.75	19.82
		1860 (26140)	21.60	21.68	22.10	19.64
	1RB-Low (0)	1905 (26590)	21.43	21.59	21.63	19.71
		1882.5 (26365)	21.54	21.78	21.92	19.48
		1860 (26140)	21.52	21.90	21.83	19.39
	50RB-High (50)	1905 (26590)	21.63	21.64	21.78	19.34
		1882.5 (26365)	21.67	21.67	21.76	19.83
		1860 (26140)	21.69	21.70	21.94	19.50
	50RB-Middle (25)	1905 (26590)	21.56	21.57	21.72	19.80
		1882.5 (26365)	21.62	21.62	21.69	19.76
		1860 (26140)	21.71	21.69	21.87	19.43
	50RB-Low (0)	1905 (26590)	21.64	21.54	21.78	19.34
		1882.5 (26365)	21.69	21.63	21.63	19.71
		1860 (26140)	21.74	21.70	21.74	19.81
	100RB (0)	1905 (26590)	21.71	21.57	21.62	19.70
		1882.5 (26365)	21.65	21.67	21.58	19.66
		1860 (26140)	21.72	21.74	21.75	19.82

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LTE Band25(ANT2 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	14.12	14.44	14.55	14.33
		1882.5 (26365)	14.15	14.52	14.63	14.41
		1850.7 (26047)	14.20	14.61	14.42	14.49
	1RB-Middle (3)	1914.3 (26683)	14.21	14.42	14.53	14.31
		1882.5 (26365)	14.25	14.62	14.43	14.21
		1850.7 (26047)	14.22	14.64	14.44	14.52
	1RB-Low (0)	1914.3 (26683)	14.08	14.47	14.58	14.35
		1882.5 (26365)	14.11	14.41	14.51	14.29
		1850.7 (26047)	14.19	14.46	14.57	14.34
	3RB-High (3)	1914.3 (26683)	14.14	14.61	14.42	14.20
		1882.5 (26365)	14.16	14.66	14.47	14.25
		1850.7 (26047)	14.27	14.67	14.48	14.26
	3RB-Middle (1)	1914.3 (26683)	14.21	14.47	14.28	14.06
		1882.5 (26365)	14.17	14.65	14.46	14.24
		1850.7 (26047)	14.24	14.46	14.57	14.34
	3RB-Low (0)	1914.3 (26683)	14.11	14.47	14.28	14.06
		1882.5 (26365)	14.17	14.66	14.47	14.25
		1850.7 (26047)	14.30	14.66	14.47	14.25
	6RB (0)	1914.3 (26683)	14.15	14.62	14.43	14.21
		1882.5 (26365)	14.15	14.53	14.34	14.12
		1850.7 (26047)	14.21	14.62	14.43	14.21
3MHz	1RB-High (14)	1913.5 (26675)	14.06	14.70	14.51	14.28
		1882.5 (26365)	14.07	14.68	14.49	14.27
		1851.5 (26055)	14.14	14.64	14.44	14.52
	1RB-Middle (7)	1913.5 (26675)	14.12	14.68	14.49	14.56
		1882.5 (26365)	14.28	14.67	14.48	14.55
		1851.5 (26055)	14.28	14.74	14.55	14.62
	1RB-Low (0)	1913.5 (26675)	14.09	14.59	14.40	14.18
		1882.5 (26365)	14.15	14.64	14.45	14.53
		1851.5 (26055)	14.27	14.44	14.55	14.33
	8RB-High (7)	1913.5 (26675)	14.21	14.61	14.42	14.20
		1882.5 (26365)	14.27	14.63	14.44	14.22
		1851.5 (26055)	14.27	14.65	14.46	14.24
	8RB-Middle (4)	1913.5 (26675)	14.20	14.58	14.39	14.17
		1882.5 (26365)	14.21	14.64	14.45	14.23
		1851.5 (26055)	14.27	14.68	14.49	14.27
	8RB-Low (0)	1913.5 (26675)	14.07	14.49	14.31	14.09
		1882.5 (26365)	14.15	14.49	14.31	14.09
		1851.5 (26055)	14.25	14.69	14.50	14.28
	15RB (0)	1913.5 (26675)	14.17	14.52	14.33	14.11
		1882.5 (26365)	14.13	14.49	14.30	14.08
		1851.5 (26055)	14.25	14.62	14.43	14.21

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5MHz	1RB-High (24)	1912.5 (26665)	14.20	14.54	14.65	14.42
		1882.5 (26365)	14.16	14.66	14.47	14.54
		1852.5 (26065)	14.21	14.71	14.52	14.60
	1RB-Middle (12)	1912.5 (26665)	14.15	14.56	14.67	14.45
		1882.5 (26365)	14.20	14.69	14.49	14.57
		1852.5 (26065)	14.22	14.71	14.52	14.60
	1RB-Low (0)	1912.5 (26665)	14.22	14.46	14.57	14.34
		1882.5 (26365)	14.15	14.64	14.44	14.52
		1852.5 (26065)	14.13	14.52	14.63	14.41
	12RB-High (13)	1912.5 (26665)	14.17	14.51	14.32	14.10
		1882.5 (26365)	14.21	14.53	14.34	14.12
		1852.5 (26065)	14.27	14.64	14.44	14.22
	12RB-Middle (6)	1912.5 (26665)	14.20	14.63	14.44	14.22
		1882.5 (26365)	14.22	14.58	14.39	14.17
		1852.5 (26065)	14.31	14.70	14.51	14.28
	12RB-Low (0)	1912.5 (26665)	14.24	14.59	14.40	14.18
		1882.5 (26365)	14.15	14.55	14.36	14.14
		1852.5 (26065)	14.25	14.64	14.45	14.23
	25RB (0)	1912.5 (26665)	14.18	14.55	14.36	14.14
		1882.5 (26365)	14.15	14.52	14.33	14.11
		1852.5 (26065)	14.22	14.57	14.38	14.16
10MHz	1RB-High (49)	1910 (26640)	14.15	14.49	14.60	14.38
		1882.5 (26365)	14.20	14.41	14.51	14.29
		1855 (26090)	14.21	14.69	14.49	14.57
	1RB-Middle (24)	1910 (26640)	14.12	14.52	14.63	14.41
		1882.5 (26365)	14.29	14.52	14.63	14.41
		1855 (26090)	14.19	14.64	14.45	14.53
	1RB-Low (0)	1910 (26640)	14.15	14.42	14.53	14.31
		1882.5 (26365)	14.09	14.47	14.58	14.35
		1855 (26090)	14.10	14.67	14.48	14.55
	25RB-High (25)	1910 (26640)	14.21	14.57	14.37	14.15
		1882.5 (26365)	14.26	14.63	14.44	14.22
		1855 (26090)	14.27	14.57	14.37	14.15
	25RB-Middle (12)	1910 (26640)	14.17	14.45	14.26	14.04
		1882.5 (26365)	14.21	14.51	14.32	14.10
		1855 (26090)	14.27	14.63	14.44	14.22
	25RB-Low (0)	1910 (26640)	14.19	14.52	14.33	14.11
		1882.5 (26365)	14.12	14.54	14.35	14.13
		1855 (26090)	14.27	14.57	14.37	14.15
	50RB (0)	1910 (26640)	14.14	14.41	14.22	14.00
		1882.5 (26365)	14.15	14.48	14.29	14.07
		1855 (26090)	14.27	14.64	14.45	14.23

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15MHz	1RB-High (74)	1907.5 (26615)	14.02	14.57	14.37	14.15
		1882.5 (26365)	14.03	14.45	14.26	14.04
		1857.5 (26115)	14.09	14.56	14.37	14.15
	1RB-Middle (37)	1907.5 (26615)	14.04	14.57	14.37	14.15
		1882.5 (26365)	14.03	14.61	14.42	14.20
		1857.5 (26115)	14.07	14.75	14.61	14.39
	1RB-Low (0)	1907.5 (26615)	14.05	14.70	14.51	14.28
		1882.5 (26365)	14.10	14.67	14.48	14.26
		1857.5 (26115)	14.06	14.58	14.39	14.17
	36RB-High (38)	1907.5 (26615)	14.12	14.42	14.23	14.01
		1882.5 (26365)	14.17	14.49	14.30	14.08
		1857.5 (26115)	14.15	14.53	14.34	14.12
	36RB-Middle (19)	1907.5 (26615)	14.08	14.42	14.23	14.01
		1882.5 (26365)	14.15	14.49	14.30	14.08
		1857.5 (26115)	14.21	14.56	14.37	14.15
	36RB-Low (0)	1907.5 (26615)	14.11	14.36	14.17	13.96
		1882.5 (26365)	14.11	14.44	14.25	14.03
		1857.5 (26115)	14.15	14.45	14.26	14.04
	75RB (0)	1907.5 (26615)	14.15	14.34	14.16	13.94
		1882.5 (26365)	14.13	14.47	14.28	14.06
		1857.5 (26115)	14.17	14.51	14.32	14.10
20MHz	1RB-High (99)	1905 (26590)	14.10	14.42	14.44	14.22
		1882.5 (26365)	14.08	14.35	14.24	14.02
		1860 (26140)	14.01	14.51	14.31	14.09
	1RB-Middle (50)	1905 (26590)	14.15	14.70	14.34	14.12
		1882.5 (26365)	14.09	14.55	14.29	14.07
		1860 (26140)	14.12	14.49	14.51	14.29
	1RB-Low (0)	1905 (26590)	14.46	14.48	14.21	13.99
		1882.5 (26365)	14.30	14.36	14.40	14.18
		1860 (26140)	14.12	14.53	14.34	14.12
	50RB-High (50)	1905 (26590)	14.23	14.26	14.31	14.09
		1882.5 (26365)	14.22	14.21	14.30	14.08
		1860 (26140)	14.30	14.33	14.42	14.20
	50RB-Middle (25)	1905 (26590)	14.18	14.29	14.27	14.05
		1882.5 (26365)	14.21	14.19	14.24	14.02
		1860 (26140)	14.27	14.27	14.37	14.15
	50RB-Low (0)	1905 (26590)	14.12	14.19	14.31	14.09
		1882.5 (26365)	14.22	14.25	14.21	13.99
		1860 (26140)	14.41	14.32	14.28	14.06
	100RB (0)	1905 (26590)	14.23	14.21	14.20	13.98
		1882.5 (26365)	14.19	14.19	14.17	13.96
		1860 (26140)	14.28	14.29	14.29	14.07

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LTE Band25(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	20.62	20.58	20.59	19.53
		1882.5 (26365)	20.66	20.70	20.71	19.64
		1850.7 (26047)	20.73	20.82	20.83	19.76
	1RB-Middle (3)	1914.3 (26683)	20.76	20.56	20.57	19.51
		1882.5 (26365)	20.81	20.91	20.92	19.36
		1850.7 (26047)	20.77	20.86	20.87	19.80
	1RB-Low (0)	1914.3 (26683)	20.56	20.62	20.63	19.57
		1882.5 (26365)	20.61	20.53	20.54	19.48
		1850.7 (26047)	20.72	20.61	20.62	19.55
	3RB-High (3)	1914.3 (26683)	20.65	20.89	20.90	19.35
		1882.5 (26365)	20.68	20.97	20.98	19.42
		1850.7 (26047)	20.85	20.98	20.99	19.43
	3RB-Middle (1)	1914.3 (26683)	20.75	20.69	20.70	19.66
		1882.5 (26365)	20.70	20.96	20.97	19.41
		1850.7 (26047)	20.80	20.61	20.62	19.55
	3RB-Low (0)	1914.3 (26683)	20.61	20.69	20.70	19.66
		1882.5 (26365)	20.70	20.97	20.98	19.42
		1850.7 (26047)	20.88	20.97	20.98	19.42
	6RB (0)	1914.3 (26683)	20.66	20.91	20.92	19.36
		1882.5 (26365)	20.67	20.78	20.79	19.74
		1850.7 (26047)	20.76	20.91	20.92	19.36
3MHz	1RB-High (14)	1913.5 (26675)	20.53	20.52	20.53	19.47
		1882.5 (26365)	20.54	20.99	20.51	19.45
		1851.5 (26055)	20.65	20.86	20.87	19.80
	1RB-Middle (7)	1913.5 (26675)	20.62	20.92	20.94	19.86
		1882.5 (26365)	20.86	20.91	20.92	19.84
		1851.5 (26055)	20.86	21.01	21.02	19.94
	1RB-Low (0)	1913.5 (26675)	20.58	20.87	20.88	19.32
		1882.5 (26365)	20.67	20.87	20.89	19.81
		1851.5 (26055)	20.85	20.58	20.59	19.53
	8RB-High (7)	1913.5 (26675)	20.75	20.89	20.90	19.35
		1882.5 (26365)	20.83	20.92	20.93	19.37
		1851.5 (26055)	20.85	20.96	20.97	19.41
	8RB-Middle (4)	1913.5 (26675)	20.73	20.86	20.87	19.31
		1882.5 (26365)	20.76	20.94	20.95	19.40
		1851.5 (26055)	20.85	20.99	20.51	19.45
	8RB-Low (0)	1913.5 (26675)	20.54	20.73	20.74	19.69
		1882.5 (26365)	20.67	20.73	20.74	19.69
		1851.5 (26055)	20.81	20.51	20.52	19.46
	15RB (0)	1913.5 (26675)	20.70	20.77	20.78	19.73
		1882.5 (26365)	20.63	20.72	20.73	19.68
		1851.5 (26055)	20.81	20.91	20.92	19.36

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5MHz	1RB-High (24)	1912.5 (26665)	20.73	20.72	20.73	19.66
		1882.5 (26365)	20.68	20.90	20.91	19.83
		1852.5 (26065)	20.76	20.97	20.99	19.91
	1RB-Middle (12)	1912.5 (26665)	20.67	20.76	20.77	19.70
		1882.5 (26365)	20.73	20.94	20.95	19.87
		1852.5 (26065)	20.77	20.97	20.99	19.91
	1RB-Low (0)	1912.5 (26665)	20.77	20.61	20.62	19.55
		1882.5 (26365)	20.67	20.86	20.87	19.80
		1852.5 (26065)	20.63	20.70	20.71	19.64
	12RB-High (13)	1912.5 (26665)	20.70	20.75	20.76	19.72
		1882.5 (26365)	20.75	20.78	20.79	19.74
		1852.5 (26065)	20.85	20.93	20.94	19.39
	12RB-Middle (6)	1912.5 (26665)	20.73	20.92	20.93	19.37
		1882.5 (26365)	20.77	20.86	20.87	19.31
		1852.5 (26065)	20.90	20.52	20.53	19.47
	12RB-Low (0)	1912.5 (26665)	20.80	20.87	20.88	19.32
		1882.5 (26365)	20.66	20.81	20.82	19.76
		1852.5 (26065)	20.81	20.94	20.95	19.40
	25RB (0)	1912.5 (26665)	20.71	20.81	20.82	19.76
		1882.5 (26365)	20.67	20.77	20.78	19.73
		1852.5 (26065)	20.77	20.84	20.85	19.80
10MHz	1RB-High (49)	1910 (26640)	20.67	20.66	20.67	19.60
		1882.5 (26365)	20.73	20.53	20.54	19.48
		1855 (26090)	20.76	20.94	20.95	19.87
	1RB-Middle (24)	1910 (26640)	20.62	20.70	20.71	19.64
		1882.5 (26365)	20.87	20.70	20.71	19.64
		1855 (26090)	20.72	20.87	20.89	19.81
	1RB-Low (0)	1910 (26640)	20.66	20.56	20.57	19.51
		1882.5 (26365)	20.57	20.62	20.63	19.57
		1855 (26090)	20.59	20.91	20.92	19.84
	25RB-High (25)	1910 (26640)	20.75	20.83	20.84	19.79
		1882.5 (26365)	20.82	20.92	20.93	19.37
		1855 (26090)	20.85	20.83	20.84	19.79
	25RB-Middle (12)	1910 (26640)	20.70	20.67	20.68	19.63
		1882.5 (26365)	20.76	20.75	20.76	19.72
		1855 (26090)	20.83	20.92	20.93	19.37
	25RB-Low (0)	1910 (26640)	20.72	20.77	20.78	19.73
		1882.5 (26365)	20.62	20.79	20.80	19.75
		1855 (26090)	20.85	20.83	20.84	19.79
	50RB (0)	1910 (26640)	20.65	20.60	20.61	19.57
		1882.5 (26365)	20.66	20.70	20.71	19.67
		1855 (26090)	20.85	20.94	20.95	19.40

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15MHz	1RB-High (74)	1907.5 (26615)	20.47	20.83	20.84	19.79
		1882.5 (26365)	20.48	20.67	20.68	19.63
		1857.5 (26115)	20.58	20.82	20.83	19.78
	1RB-Middle (37)	1907.5 (26615)	20.51	20.83	20.84	19.79
		1882.5 (26365)	20.49	20.89	20.90	19.35
		1857.5 (26115)	20.54	20.67	20.68	19.61
	1RB-Low (0)	1907.5 (26615)	20.52	20.52	20.53	19.47
		1882.5 (26365)	20.59	20.98	20.99	19.43
		1857.5 (26115)	20.53	20.86	20.87	19.31
	36RB-High (38)	1907.5 (26615)	20.62	20.62	20.63	19.58
		1882.5 (26365)	20.70	20.72	20.73	19.68
		1857.5 (26115)	20.67	20.78	20.79	19.74
	36RB-Middle (19)	1907.5 (26615)	20.56	20.62	20.63	19.58
		1882.5 (26365)	20.67	20.72	20.73	19.68
		1857.5 (26115)	20.75	20.82	20.83	19.78
	36RB-Low (0)	1907.5 (26615)	20.61	20.54	20.55	19.51
		1882.5 (26365)	20.61	20.65	20.66	19.62
		1857.5 (26115)	20.67	20.67	20.68	19.63
	75RB (0)	1907.5 (26615)	20.67	20.52	20.52	19.49
		1882.5 (26365)	20.63	20.69	20.70	19.66
		1857.5 (26115)	20.70	20.75	20.76	19.72
20MHz	1RB-High (99)	1905 (26590)	20.55	20.55	20.94	19.89
		1882.5 (26365)	20.55	20.59	20.64	19.59
		1860 (26140)	20.63	20.62	20.74	19.69
	1RB-Middle (50)	1905 (26590)	20.54	20.75	20.79	19.74
		1882.5 (26365)	20.52	20.95	20.71	19.67
		1860 (26140)	20.58	20.91	20.94	19.98
	1RB-Low (0)	1905 (26590)	20.51	20.63	20.60	19.56
		1882.5 (26365)	20.53	20.72	20.88	19.82
		1860 (26140)	20.62	20.78	20.79	19.74
	50RB-High (50)	1905 (26590)	20.68	20.69	20.74	19.69
		1882.5 (26365)	20.68	20.71	20.73	19.68
		1860 (26140)	20.65	20.67	20.90	19.85
	50RB-Middle (25)	1905 (26590)	20.61	20.56	20.69	19.64
		1882.5 (26365)	20.60	20.65	20.65	19.61
		1860 (26140)	20.69	20.71	20.83	19.78
	50RB-Low (0)	1905 (26590)	20.67	20.55	20.74	19.69
		1882.5 (26365)	20.60	20.57	20.60	19.56
		1860 (26140)	20.60	20.73	20.70	19.66
	100RB (0)	1905 (26590)	20.60	20.73	20.59	19.55
		1882.5 (26365)	20.59	20.65	20.55	19.51
		1860 (26140)	20.73	20.73	20.71	19.67

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LTE Band25(ANT3 DSI 1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	23.68	23.41	22.10	19.29
		1882.5 (26365)	23.59	23.49	22.19	19.37
		1850.7 (26047)	23.41	23.68	22.07	19.26
	1RB-Middle (3)	1914.3 (26683)	23.46	23.77	22.10	19.29
		1882.5 (26365)	23.40	23.57	22.21	19.38
		1850.7 (26047)	23.66	23.73	22.14	19.32
	1RB-Low (0)	1914.3 (26683)	23.68	23.47	22.16	19.34
		1882.5 (26365)	23.56	23.39	22.18	19.36
		1850.7 (26047)	23.49	23.47	22.04	19.24
	3RB-High (3)	1914.3 (26683)	23.60	23.21	22.05	19.24
		1882.5 (26365)	23.55	23.24	22.15	19.33
		1850.7 (26047)	23.72	23.36	22.01	19.21
	3RB-Middle (1)	1914.3 (26683)	23.49	23.28	22.11	19.30
		1882.5 (26365)	23.51	23.30	22.19	19.37
		1850.7 (26047)	23.59	23.30	21.96	19.17
	3RB-Low (0)	1914.3 (26683)	23.45	23.23	22.13	19.31
		1882.5 (26365)	23.60	23.25	22.15	19.33
		1850.7 (26047)	23.63	23.34	21.98	19.18
	6RB (0)	1914.3 (26683)	23.09	22.15	21.10	18.98
		1882.5 (26365)	23.19	22.16	21.21	19.08
		1850.7 (26047)	23.23	22.18	20.98	18.87
3MHz	1RB-High (14)	1913.5 (26675)	23.30	23.36	22.10	19.29
		1882.5 (26365)	23.38	23.47	22.07	19.26
		1851.5 (26055)	23.50	23.45	22.34	19.50
	1RB-Middle (7)	1913.5 (26675)	23.56	23.55	22.39	19.54
		1882.5 (26365)	23.53	23.53	22.15	19.33
		1851.5 (26055)	23.61	23.42	22.07	19.26
	1RB-Low (0)	1913.5 (26675)	23.35	23.16	22.36	19.52
		1882.5 (26365)	23.39	23.26	22.07	19.26
		1851.5 (26055)	23.55	23.41	22.09	19.28
	8RB-High (7)	1913.5 (26675)	23.12	22.23	21.20	19.07
		1882.5 (26365)	23.20	22.28	21.34	19.19
		1851.5 (26055)	23.26	22.40	21.08	18.96
	8RB-Middle (4)	1913.5 (26675)	23.23	22.25	21.33	19.18
		1882.5 (26365)	23.23	22.38	21.33	19.18
		1851.5 (26055)	23.23	22.35	21.08	18.96
	8RB-Low (0)	1913.5 (26675)	23.15	22.11	21.39	19.24
		1882.5 (26365)	23.03	22.22	21.27	19.13
		1851.5 (26055)	23.19	22.40	20.99	18.88
	15RB (0)	1913.5 (26675)	23.14	22.05	21.29	19.15
		1882.5 (26365)	23.12	22.07	21.28	19.14
		1851.5 (26055)	23.17	22.29	21.03	18.91

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5MHz	1RB-High (24)	1912.5 (26665)	23.57	23.37	22.02	19.22
		1882.5 (26365)	23.39	23.43	22.22	19.39
		1852.5 (26065)	23.47	23.41	22.42	19.57
	1RB-Middle (12)	1912.5 (26665)	23.52	23.55	22.39	19.54
		1882.5 (26365)	23.58	23.50	22.30	19.46
		1852.5 (26065)	23.75	23.72	22.16	19.34
	1RB-Low (0)	1912.5 (26665)	23.46	23.30	22.43	19.58
		1882.5 (26365)	23.45	23.33	21.98	19.18
		1852.5 (26065)	23.42	23.47	22.11	19.30
	12RB-High (13)	1912.5 (26665)	23.19	22.23	21.28	19.14
		1882.5 (26365)	23.21	22.24	21.27	19.13
		1852.5 (26065)	23.25	22.27	21.20	19.07
	12RB-Middle (6)	1912.5 (26665)	23.18	22.24	21.45	19.29
		1882.5 (26365)	23.18	22.23	21.33	19.18
		1852.5 (26065)	23.26	22.32	21.11	18.99
	12RB-Low (0)	1912.5 (26665)	23.19	22.24	21.54	19.37
		1882.5 (26365)	23.12	22.13	21.12	19.00
		1852.5 (26065)	23.19	22.20	21.00	18.89
	25RB (0)	1912.5 (26665)	23.11	22.15	21.36	19.21
		1882.5 (26365)	23.09	22.12	21.27	19.13
		1852.5 (26065)	23.22	22.26	21.08	18.96
10MHz	1RB-High (49)	1910 (26640)	23.44	23.23	22.15	19.33
		1882.5 (26365)	23.44	23.61	22.36	19.52
		1855 (26090)	23.58	23.61	22.51	19.65
	1RB-Middle (24)	1910 (26640)	23.48	23.19	22.35	19.51
		1882.5 (26365)	23.43	23.36	22.33	19.49
		1855 (26090)	23.55	23.53	22.23	19.40
	1RB-Low (0)	1910 (26640)	23.41	23.43	22.07	19.26
		1882.5 (26365)	23.36	23.65	22.25	19.42
		1855 (26090)	23.48	23.73	22.15	19.33
	25RB-High (25)	1910 (26640)	23.16	22.09	21.35	19.20
		1882.5 (26365)	23.15	22.16	21.29	19.15
		1855 (26090)	23.24	22.23	21.37	19.22
	25RB-Middle (12)	1910 (26640)	23.04	22.10	21.37	19.22
		1882.5 (26365)	23.10	22.20	21.27	19.13
		1855 (26090)	23.24	22.31	21.20	19.07
	25RB-Low (0)	1910 (26640)	23.06	22.02	21.26	19.12
		1882.5 (26365)	23.11	22.06	21.23	19.09
		1855 (26090)	23.13	22.20	21.10	18.98
	50RB (0)	1910 (26640)	23.08	22.05	21.25	19.11
		1882.5 (26365)	23.13	22.09	21.13	19.00
		1855 (26090)	23.19	22.18	21.18	19.05

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15MHz	1RB-High (74)	1907.5 (26615)	23.19	23.21	22.23	19.40
		1882.5 (26365)	23.20	23.30	22.24	19.41
		1857.5 (26115)	23.68	23.49	22.31	19.47
	1RB-Middle (37)	1907.5 (26615)	23.28	23.07	22.24	19.41
		1882.5 (26365)	23.36	23.21	22.24	19.41
		1857.5 (26115)	23.51	23.49	22.33	19.49
	1RB-Low (0)	1907.5 (26615)	23.25	23.22	22.21	19.38
		1882.5 (26365)	23.34	23.04	22.27	19.44
		1857.5 (26115)	23.35	23.33	21.98	19.18
	36RB-High (38)	1907.5 (26615)	23.03	22.11	21.34	19.19
		1882.5 (26365)	23.06	22.12	21.31	19.17
		1857.5 (26115)	23.11	22.18	21.32	19.18
	36RB-Middle (19)	1907.5 (26615)	22.87	22.02	21.22	19.09
		1882.5 (26365)	23.02	21.91	21.09	18.97
		1857.5 (26115)	23.05	22.11	21.19	19.06
	36RB-Low (0)	1907.5 (26615)	22.94	22.04	21.15	19.02
		1882.5 (26365)	23.03	22.03	21.14	19.01
		1857.5 (26115)	23.04	22.11	21.02	18.90
	75RB (0)	1907.5 (26615)	22.93	22.00	21.19	19.06
		1882.5 (26365)	22.89	22.01	21.10	18.98
		1857.5 (26115)	23.17	22.17	21.07	18.95
20MHz	1RB-High (99)	1905 (26590)	23.20	22.84	22.41	19.56
		1882.5 (26365)	23.31	22.97	22.52	19.66
		1860 (26140)	23.70	22.92	22.40	19.55
	1RB-Middle (50)	1905 (26590)	23.34	23.23	22.11	19.30
		1882.5 (26365)	23.36	23.44	22.29	19.45
		1860 (26140)	23.35	23.18	22.26	19.43
	1RB-Low (0)	1905 (26590)	23.33	23.35	22.50	19.64
		1882.5 (26365)	23.36	23.01	22.27	19.44
		1860 (26140)	23.38	23.77	22.29	19.45
	50RB-High (50)	1905 (26590)	23.02	21.99	21.28	19.14
		1882.5 (26365)	23.04	22.10	21.48	19.32
		1860 (26140)	23.11	22.14	21.30	19.16
	50RB-Middle (25)	1905 (26590)	22.96	21.94	21.25	19.11
		1882.5 (26365)	23.02	22.01	21.18	19.05
		1860 (26140)	23.13	22.12	21.33	19.18
	50RB-Low (0)	1905 (26590)	22.89	22.02	21.22	19.09
		1882.5 (26365)	22.98	22.03	21.19	19.06
		1860 (26140)	23.02	22.12	21.12	19.00
	100RB (0)	1905 (26590)	22.93	22.00	21.28	19.14
		1882.5 (26365)	22.96	22.01	21.19	19.06
		1860 (26140)	23.06	22.10	21.13	19.00

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LTE Band25(ANT3 DSI 5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	24.06	23.18	22.13	19.38
		1882.5 (26365)	24.07	23.37	22.22	19.46
		1850.7 (26047)	23.95	23.31	22.10	19.35
	1RB-Middle (3)	1914.3 (26683)	24.04	23.32	22.13	19.38
		1882.5 (26365)	24.07	23.47	22.24	19.47
		1850.7 (26047)	23.94	23.14	22.17	19.41
	1RB-Low (0)	1914.3 (26683)	24.07	23.34	22.19	19.43
		1882.5 (26365)	24.01	23.28	22.21	19.45
		1850.7 (26047)	23.86	23.02	22.07	19.33
	3RB-High (3)	1914.3 (26683)	23.91	23.07	22.08	19.33
		1882.5 (26365)	24.09	23.27	22.18	19.42
		1850.7 (26047)	23.94	23.07	22.04	19.30
	3RB-Middle (1)	1914.3 (26683)	23.96	23.07	22.14	19.39
		1882.5 (26365)	24.05	23.22	22.22	19.46
		1850.7 (26047)	23.90	23.11	21.99	19.26
	3RB-Low (0)	1914.3 (26683)	23.99	23.20	22.16	19.40
		1882.5 (26365)	24.04	23.21	22.18	19.42
		1850.7 (26047)	23.88	23.04	22.01	19.27
	6RB (0)	1914.3 (26683)	22.06	22.15	21.13	19.07
		1882.5 (26365)	22.16	22.25	21.24	19.17
		1850.7 (26047)	22.09	22.00	21.01	18.96
3MHz	1RB-High (14)	1913.5 (26675)	24.10	23.14	22.13	19.38
		1882.5 (26365)	24.01	23.39	22.10	19.35
		1851.5 (26055)	24.08	23.40	22.37	19.59
	1RB-Middle (7)	1913.5 (26675)	24.27	23.45	22.42	19.63
		1882.5 (26365)	24.10	23.40	22.18	19.42
		1851.5 (26055)	24.00	23.26	22.10	19.35
	1RB-Low (0)	1913.5 (26675)	24.32	23.55	22.39	19.61
		1882.5 (26365)	23.92	23.22	22.10	19.35
		1851.5 (26055)	23.88	23.03	22.12	19.37
	8RB-High (7)	1913.5 (26675)	23.16	22.24	21.23	19.16
		1882.5 (26365)	23.24	22.36	21.37	19.28
		1851.5 (26055)	23.08	22.13	21.11	19.05
	8RB-Middle (4)	1913.5 (26675)	23.26	22.35	21.36	19.27
		1882.5 (26365)	23.26	22.35	21.36	19.27
		1851.5 (26055)	23.05	22.15	21.11	19.05
	8RB-Low (0)	1913.5 (26675)	23.33	22.43	21.42	19.33
		1882.5 (26365)	23.20	22.27	21.30	19.22
		1851.5 (26055)	22.98	22.03	21.02	18.97
	15RB (0)	1913.5 (26675)	23.21	22.29	21.32	19.24
		1882.5 (26365)	23.20	22.31	21.31	19.23
		1851.5 (26055)	23.00	22.05	21.06	19.00

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5MHz	1RB-High (24)	1912.5 (26665)	24.15	23.20	22.05	19.31
		1882.5 (26365)	24.11	23.31	22.25	19.48
		1852.5 (26065)	24.23	23.68	22.45	19.66
	1RB-Middle (12)	1912.5 (26665)	24.33	23.51	22.42	19.63
		1882.5 (26365)	24.09	23.30	22.33	19.55
		1852.5 (26065)	24.06	23.39	22.19	19.43
	1RB-Low (0)	1912.5 (26665)	24.39	23.66	22.46	19.67
		1882.5 (26365)	23.98	23.26	22.01	19.27
		1852.5 (26065)	23.95	23.23	22.14	19.39
	12RB-High (13)	1912.5 (26665)	23.25	22.29	21.31	19.23
		1882.5 (26365)	23.18	22.23	21.30	19.22
		1852.5 (26065)	23.19	22.25	21.23	19.16
	12RB-Middle (6)	1912.5 (26665)	23.39	22.46	21.48	19.38
		1882.5 (26365)	23.23	22.29	21.36	19.27
		1852.5 (26065)	23.08	22.17	21.14	19.08
	12RB-Low (0)	1912.5 (26665)	23.46	22.56	21.57	19.46
		1882.5 (26365)	23.08	22.13	21.15	19.09
		1852.5 (26065)	23.00	22.08	21.03	18.98
	25RB (0)	1912.5 (26665)	23.31	22.40	21.39	19.30
		1882.5 (26365)	23.21	22.30	21.30	19.22
		1852.5 (26065)	23.07	22.11	21.11	19.05
10MHz	1RB-High (49)	1910 (26640)	24.09	23.19	22.18	19.42
		1882.5 (26365)	24.24	23.71	22.39	19.61
		1855 (26090)	24.29	23.68	22.54	19.74
	1RB-Middle (24)	1910 (26640)	24.33	23.51	22.38	19.60
		1882.5 (26365)	24.04	23.43	22.36	19.58
		1855 (26090)	24.19	23.55	22.26	19.49
	1RB-Low (0)	1910 (26640)	23.90	23.17	22.10	19.35
		1882.5 (26365)	24.07	23.59	22.28	19.51
		1855 (26090)	24.01	23.26	22.18	19.42
	25RB-High (25)	1910 (26640)	23.37	22.38	21.38	19.29
		1882.5 (26365)	23.29	22.33	21.32	19.24
		1855 (26090)	23.32	22.36	21.40	19.31
	25RB-Middle (12)	1910 (26640)	23.35	22.38	21.40	19.31
		1882.5 (26365)	23.23	22.31	21.30	19.22
		1855 (26090)	23.18	22.22	21.23	19.16
	25RB-Low (0)	1910 (26640)	23.22	22.30	21.29	19.21
		1882.5 (26365)	23.19	22.27	21.26	19.18
		1855 (26090)	23.09	22.11	21.13	19.07
	50RB (0)	1910 (26640)	23.22	22.29	21.28	19.20
		1882.5 (26365)	23.10	22.16	21.16	19.09
		1855 (26090)	23.16	22.21	21.21	19.14

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15MHz	1RB-High (74)	1907.5 (26615)	24.24	23.37	22.26	19.49
		1882.5 (26365)	24.21	23.47	22.27	19.50
		1857.5 (26115)	24.26	23.57	22.34	19.56
	1RB-Middle (37)	1907.5 (26615)	24.23	23.45	22.27	19.50
		1882.5 (26365)	24.11	23.34	22.27	19.50
		1857.5 (26115)	24.27	23.51	22.36	19.58
	1RB-Low (0)	1907.5 (26615)	24.13	23.36	22.24	19.47
		1882.5 (26365)	24.11	23.42	22.30	19.53
		1857.5 (26115)	24.03	23.19	22.01	19.27
	36RB-High (38)	1907.5 (26615)	23.42	22.37	21.37	19.28
		1882.5 (26365)	23.33	22.35	21.34	19.26
		1857.5 (26115)	23.32	22.37	21.35	19.27
	36RB-Middle (19)	1907.5 (26615)	23.27	22.24	21.25	19.18
		1882.5 (26365)	23.10	22.14	21.12	19.06
		1857.5 (26115)	23.23	22.26	21.22	19.15
	36RB-Low (0)	1907.5 (26615)	23.20	22.24	21.18	19.11
		1882.5 (26365)	23.13	22.21	21.17	19.10
		1857.5 (26115)	23.08	22.09	21.05	18.99
	75RB (0)	1907.5 (26615)	23.21	22.23	21.22	19.15
		1882.5 (26365)	23.12	22.15	21.13	19.07
		1857.5 (26115)	23.10	22.11	21.10	19.04
20MHz	1RB-High (99)	1905 (26590)	24.37	23.41	22.44	19.65
		1882.5 (26365)	24.29	23.51	22.55	19.75
		1860 (26140)	24.09	23.35	22.43	19.64
	1RB-Middle (50)	1905 (26590)	24.05	23.19	22.14	19.39
		1882.5 (26365)	24.08	23.38	22.32	19.54
		1860 (26140)	24.14	23.56	22.29	19.52
	1RB-Low (0)	1905 (26590)	24.30	23.50	22.53	19.73
		1882.5 (26365)	24.10	23.44	22.30	19.53
		1860 (26140)	24.04	23.31	22.32	19.54
	50RB-High (50)	1905 (26590)	23.27	22.26	21.31	19.23
		1882.5 (26365)	23.41	22.46	21.51	19.41
		1860 (26140)	23.25	22.30	21.33	19.25
	50RB-Middle (25)	1905 (26590)	23.18	22.21	21.28	19.20
		1882.5 (26365)	23.10	22.14	21.21	19.14
		1860 (26140)	23.30	22.33	21.36	19.27
	50RB-Low (0)	1905 (26590)	23.15	22.18	21.25	19.18
		1882.5 (26365)	23.10	22.14	21.22	19.15
		1860 (26140)	23.12	22.16	21.15	19.09
	100RB (0)	1905 (26590)	23.19	22.22	21.31	19.23
		1882.5 (26365)	23.14	22.16	21.22	19.15
		1860 (26140)	23.11	22.12	21.16	19.09

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LTE Band25(ANT3 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	14.83	15.10	15.17	15.20
		1882.5 (26365)	14.85	15.18	15.26	15.28
		1850.7 (26047)	14.91	15.27	15.00	15.02
	1RB-Middle (3)	1914.3 (26683)	14.93	15.08	15.16	15.18
		1882.5 (26365)	14.96	14.97	15.05	15.07
		1850.7 (26047)	14.94	15.30	15.03	15.05
	1RB-Low (0)	1914.3 (26683)	14.78	15.12	15.20	15.22
		1882.5 (26365)	14.82	15.06	15.14	15.16
		1850.7 (26047)	14.90	15.12	15.19	15.21
	3RB-High (3)	1914.3 (26683)	14.84	14.96	15.04	15.06
		1882.5 (26365)	14.87	15.01	15.09	15.11
		1850.7 (26047)	14.99	15.02	15.10	15.12
	3RB-Middle (1)	1914.3 (26683)	14.92	15.16	14.89	14.91
		1882.5 (26365)	14.88	15.00	15.08	15.10
		1850.7 (26047)	14.95	15.12	15.19	15.21
	3RB-Low (0)	1914.3 (26683)	14.82	15.16	14.89	14.91
		1882.5 (26365)	14.88	15.01	15.09	15.11
		1850.7 (26047)	15.02	15.01	15.09	15.11
	6RB (0)	1914.3 (26683)	14.85	14.97	15.05	15.07
		1882.5 (26365)	14.86	15.23	14.96	14.98
		1850.7 (26047)	14.93	14.97	15.05	15.07
3MHz	1RB-High (14)	1913.5 (26675)	14.76	15.05	15.13	15.15
		1882.5 (26365)	14.77	15.03	15.11	15.13
		1851.5 (26055)	14.84	15.30	15.03	15.05
	1RB-Middle (7)	1913.5 (26675)	14.83	15.25	15.07	15.09
		1882.5 (26365)	15.00	15.24	15.06	15.08
		1851.5 (26055)	15.00	15.31	15.13	15.16
	1RB-Low (0)	1913.5 (26675)	14.80	15.29	15.02	15.04
		1882.5 (26365)	14.86	15.31	15.03	15.06
		1851.5 (26055)	14.99	15.10	15.17	15.20
	8RB-High (7)	1913.5 (26675)	14.92	14.96	15.04	15.06
		1882.5 (26365)	14.98	14.98	15.06	15.08
		1851.5 (26055)	14.99	15.00	15.08	15.10
	8RB-Middle (4)	1913.5 (26675)	14.91	15.28	15.01	15.03
		1882.5 (26365)	14.93	15.00	15.07	15.10
		1851.5 (26055)	14.99	15.03	15.11	15.13
	8RB-Low (0)	1913.5 (26675)	14.77	15.19	14.92	14.94
		1882.5 (26365)	14.86	15.19	14.92	14.94
		1851.5 (26055)	14.96	15.04	15.12	15.14
	15RB (0)	1913.5 (26675)	14.88	15.22	14.95	14.97
		1882.5 (26365)	14.84	15.18	14.91	14.93
		1851.5 (26055)	14.96	14.97	15.05	15.07

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5MHz	1RB-High (24)	1912.5 (26665)	14.91	15.20	15.28	15.30
		1882.5 (26365)	14.87	15.33	15.05	15.08
		1852.5 (26065)	14.93	15.38	15.11	15.13
	1RB-Middle (12)	1912.5 (26665)	14.86	15.23	15.30	14.97
		1882.5 (26365)	14.91	15.36	15.08	15.10
		1852.5 (26065)	14.94	15.38	15.11	15.13
	1RB-Low (0)	1912.5 (26665)	14.94	15.12	15.19	15.21
		1882.5 (26365)	14.86	15.30	15.03	15.05
		1852.5 (26065)	14.84	15.18	15.26	15.28
	12RB-High (13)	1912.5 (26665)	14.88	15.21	14.94	14.96
		1882.5 (26365)	14.92	15.23	14.96	14.98
		1852.5 (26065)	14.99	14.99	15.07	15.09
	12RB-Middle (6)	1912.5 (26665)	14.91	14.98	15.06	15.08
		1882.5 (26365)	14.94	15.28	15.01	15.03
		1852.5 (26065)	15.03	15.05	15.13	15.15
	12RB-Low (0)	1912.5 (26665)	14.95	15.29	15.02	15.04
		1882.5 (26365)	14.85	15.24	14.97	14.99
		1852.5 (26065)	14.96	15.00	15.07	15.10
	25RB (0)	1912.5 (26665)	14.89	15.24	14.97	14.99
		1882.5 (26365)	14.86	15.22	14.95	14.97
		1852.5 (26065)	14.94	15.27	15.00	15.02
10MHz	1RB-High (49)	1910 (26640)	14.86	15.15	15.23	15.25
		1882.5 (26365)	14.91	15.06	15.14	15.16
		1855 (26090)	14.93	15.36	15.08	15.10
	1RB-Middle (24)	1910 (26640)	14.83	15.18	15.26	15.28
		1882.5 (26365)	15.01	15.18	15.26	15.28
		1855 (26090)	14.90	15.31	15.03	15.06
	1RB-Low (0)	1910 (26640)	14.85	15.08	15.16	15.18
		1882.5 (26365)	14.79	15.12	15.20	15.22
		1855 (26090)	14.81	15.34	15.06	15.08
	25RB-High (25)	1910 (26640)	14.92	15.26	14.99	15.01
		1882.5 (26365)	14.97	14.98	15.06	15.08
		1855 (26090)	14.99	15.26	14.99	15.01
	25RB-Middle (12)	1910 (26640)	14.88	15.14	14.87	14.89
		1882.5 (26365)	14.93	15.21	14.94	14.96
		1855 (26090)	14.98	14.98	15.06	15.08
	25RB-Low (0)	1910 (26640)	14.90	15.22	14.95	14.97
		1882.5 (26365)	14.83	15.23	14.97	14.98
		1855 (26090)	14.99	15.26	14.99	15.01
	50RB (0)	1910 (26640)	14.84	15.10	14.83	14.85
		1882.5 (26365)	14.85	15.17	14.90	14.92
		1855 (26090)	14.99	15.00	15.07	15.10

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15MHz	1RB-High (74)	1907.5 (26615)	14.72	15.26	14.99	15.01
		1882.5 (26365)	14.73	15.14	14.87	14.89
		1857.5 (26115)	14.80	15.25	14.98	15.00
	1RB-Middle (37)	1907.5 (26615)	14.75	15.26	14.99	15.01
		1882.5 (26365)	14.74	14.96	15.04	15.06
		1857.5 (26115)	14.77	15.16	15.24	15.26
	1RB-Low (0)	1907.5 (26615)	14.75	15.05	15.13	15.15
		1882.5 (26365)	14.81	15.02	15.10	15.12
		1857.5 (26115)	14.76	15.28	15.01	15.03
	36RB-High (38)	1907.5 (26615)	14.83	15.11	14.84	14.86
		1882.5 (26365)	14.88	15.18	14.91	14.93
		1857.5 (26115)	14.86	15.23	14.96	14.98
	36RB-Middle (19)	1907.5 (26615)	14.78	15.11	14.84	14.86
		1882.5 (26365)	14.86	15.18	14.91	14.93
		1857.5 (26115)	14.92	15.25	14.98	15.00
	36RB-Low (0)	1907.5 (26615)	14.82	15.05	14.78	14.80
		1882.5 (26365)	14.82	15.13	14.87	14.88
		1857.5 (26115)	14.86	15.14	14.87	14.89
	75RB (0)	1907.5 (26615)	14.86	15.03	14.76	14.78
		1882.5 (26365)	14.84	15.16	14.89	14.91
		1857.5 (26115)	14.88	15.21	14.94	14.96
20MHz	1RB-High (99)	1905 (26590)	14.76	14.94	14.99	15.09
		1882.5 (26365)	14.81	14.96	14.89	14.87
		1860 (26140)	14.66	14.83	14.91	14.94
	1RB-Middle (50)	1905 (26590)	14.72	15.23	14.93	14.98
		1882.5 (26365)	15.00	15.03	15.17	14.92
		1860 (26140)	14.93	15.07	15.11	15.16
	1RB-Low (0)	1905 (26590)	15.02	15.00	14.94	14.84
		1882.5 (26365)	15.01	15.29	15.02	15.04
		1860 (26140)	15.00	15.16	15.05	14.98
	50RB-High (50)	1905 (26590)	14.99	14.91	14.93	14.94
		1882.5 (26365)	15.02	14.95	14.90	14.93
		1860 (26140)	15.01	14.90	14.97	15.06
	50RB-Middle (25)	1905 (26590)	14.87	14.92	14.76	14.90
		1882.5 (26365)	14.96	14.94	14.98	14.87
		1860 (26140)	14.99	14.96	14.95	15.00
	50RB-Low (0)	1905 (26590)	14.96	14.89	14.91	14.94
		1882.5 (26365)	14.94	14.90	14.85	14.84
		1860 (26140)	14.85	14.88	14.92	14.91
	100RB (0)	1905 (26590)	14.82	14.89	14.76	14.83
		1882.5 (26365)	14.93	14.89	14.92	14.80
		1860 (26140)	15.01	14.95	14.91	14.92

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LTE Band25(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	22.06	22.40	21.59	18.83
		1882.5 (26365)	21.97	22.57	21.68	18.91
		1850.7 (26047)	21.90	22.41	21.56	18.80
	1RB-Middle (3)	1914.3 (26683)	21.93	22.43	21.59	18.83
		1882.5 (26365)	21.90	22.53	21.70	18.92
		1850.7 (26047)	22.13	22.53	21.63	18.86
	1RB-Low (0)	1914.3 (26683)	21.94	22.41	21.65	18.88
		1882.5 (26365)	21.85	22.58	21.67	18.90
		1850.7 (26047)	22.14	22.33	21.53	18.78
	3RB-High (3)	1914.3 (26683)	22.03	21.94	21.54	18.78
		1882.5 (26365)	21.92	22.01	21.64	18.87
		1850.7 (26047)	22.05	22.21	21.50	18.75
	3RB-Middle (1)	1914.3 (26683)	22.01	22.13	21.60	18.84
		1882.5 (26365)	21.90	22.20	21.68	18.91
		1850.7 (26047)	21.98	22.14	21.45	18.71
	3RB-Low (0)	1914.3 (26683)	22.03	22.10	21.62	18.85
		1882.5 (26365)	22.07	21.97	21.64	18.87
		1850.7 (26047)	21.90	22.11	21.47	18.72
	6RB (0)	1914.3 (26683)	21.97	22.03	20.61	18.53
		1882.5 (26365)	22.08	22.16	20.72	18.62
		1850.7 (26047)	21.93	22.12	20.50	18.42
3MHz	1RB-High (14)	1913.5 (26675)	21.89	22.11	21.59	18.83
		1882.5 (26365)	21.84	22.31	21.56	18.80
		1851.5 (26055)	21.89	22.33	21.82	19.03
	1RB-Middle (7)	1913.5 (26675)	21.98	22.31	21.87	19.07
		1882.5 (26365)	21.99	22.25	21.64	18.87
		1851.5 (26055)	22.00	22.47	21.56	18.80
	1RB-Low (0)	1913.5 (26675)	21.96	22.35	21.84	19.05
		1882.5 (26365)	21.86	22.04	21.56	18.80
		1851.5 (26055)	21.89	22.37	21.58	18.82
	8RB-High (7)	1913.5 (26675)	22.04	22.04	20.71	18.61
		1882.5 (26365)	22.03	22.18	20.85	18.73
		1851.5 (26055)	22.11	22.15	20.59	18.51
	8RB-Middle (4)	1913.5 (26675)	22.00	22.04	20.84	18.72
		1882.5 (26365)	22.06	22.15	20.84	18.72
		1851.5 (26055)	22.01	22.16	20.59	18.51
	8RB-Low (0)	1913.5 (26675)	21.99	22.12	20.90	18.78
		1882.5 (26365)	21.99	22.06	20.78	18.67
		1851.5 (26055)	22.02	22.11	20.50	18.43
	15RB (0)	1913.5 (26675)	22.03	22.09	20.80	18.69
		1882.5 (26365)	21.92	21.96	20.79	18.68
		1851.5 (26055)	22.05	22.11	20.54	18.46

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5MHz	1RB-High (24)	1912.5 (26665)	21.95	22.26	21.51	18.76
		1882.5 (26365)	21.86	22.15	21.71	18.93
		1852.5 (26065)	21.89	22.24	21.90	19.10
	1RB-Middle (12)	1912.5 (26665)	22.12	22.49	21.87	19.07
		1882.5 (26365)	22.25	22.28	21.78	18.99
		1852.5 (26065)	22.02	22.37	21.65	18.88
	1RB-Low (0)	1912.5 (26665)	21.92	22.31	21.91	19.11
		1882.5 (26365)	21.91	22.12	21.47	18.72
		1852.5 (26065)	21.90	22.28	21.60	18.84
	12RB-High (13)	1912.5 (26665)	22.01	22.05	20.79	18.68
		1882.5 (26365)	21.99	22.01	20.78	18.67
		1852.5 (26065)	22.04	22.20	20.71	18.61
	12RB-Middle (6)	1912.5 (26665)	21.95	22.10	20.95	18.83
		1882.5 (26365)	21.93	22.05	20.84	18.72
		1852.5 (26065)	22.11	22.08	20.62	18.54
	12RB-Low (0)	1912.5 (26665)	21.90	22.13	21.04	18.91
		1882.5 (26365)	21.90	21.97	20.63	18.55
		1852.5 (26065)	22.03	22.14	20.51	18.44
	25RB (0)	1912.5 (26665)	21.91	22.07	20.87	18.75
		1882.5 (26365)	21.87	22.04	20.78	18.67
		1852.5 (26065)	22.05	21.98	20.59	18.51
10MHz	1RB-High (49)	1910 (26640)	21.90	22.33	21.64	18.87
		1882.5 (26365)	21.99	22.44	21.84	19.05
		1855 (26090)	21.93	22.60	21.99	19.18
	1RB-Middle (24)	1910 (26640)	21.94	22.40	21.83	19.04
		1882.5 (26365)	22.06	22.45	21.81	19.02
		1855 (26090)	21.84	22.41	21.72	18.94
	1RB-Low (0)	1910 (26640)	21.89	22.36	21.56	18.80
		1882.5 (26365)	21.97	22.28	21.74	18.96
		1855 (26090)	21.93	22.34	21.64	18.87
	25RB-High (25)	1910 (26640)	22.08	22.11	20.86	18.74
		1882.5 (26365)	22.00	22.08	20.80	18.69
		1855 (26090)	22.11	22.16	20.88	18.76
	25RB-Middle (12)	1910 (26640)	22.04	22.02	20.88	18.76
		1882.5 (26365)	21.99	21.94	20.78	18.67
		1855 (26090)	22.06	22.12	20.71	18.61
	25RB-Low (0)	1910 (26640)	22.02	21.95	20.77	18.66
		1882.5 (26365)	21.90	22.03	20.74	18.63
		1855 (26090)	22.00	22.11	20.61	18.53
	50RB (0)	1910 (26640)	22.02	21.91	20.76	18.65
		1882.5 (26365)	21.98	22.01	20.64	18.55
		1855 (26090)	22.06	22.11	20.69	18.59

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15MHz	1RB-High (74)	1907.5 (26615)	21.88	22.20	21.72	18.94
		1882.5 (26365)	21.74	21.87	21.73	18.95
		1857.5 (26115)	21.78	22.02	21.79	19.00
	1RB-Middle (37)	1907.5 (26615)	21.84	22.05	21.73	18.95
		1882.5 (26365)	21.74	22.10	21.73	18.95
		1857.5 (26115)	21.85	22.01	21.81	19.02
	1RB-Low (0)	1907.5 (26615)	22.09	22.07	21.70	18.92
		1882.5 (26365)	21.75	21.92	21.76	18.97
		1857.5 (26115)	21.86	21.92	21.47	18.72
	36RB-High (38)	1907.5 (26615)	21.98	22.01	20.85	18.73
		1882.5 (26365)	21.87	21.96	20.82	18.71
		1857.5 (26115)	21.92	21.83	20.83	18.72
	36RB-Middle (19)	1907.5 (26615)	21.97	22.02	20.73	18.63
		1882.5 (26365)	21.84	21.87	20.60	18.52
		1857.5 (26115)	22.01	21.90	20.70	18.60
	36RB-Low (0)	1907.5 (26615)	21.99	21.88	20.66	18.56
		1882.5 (26365)	21.82	21.93	20.65	18.56
		1857.5 (26115)	21.83	21.92	20.53	18.45
	75RB (0)	1907.5 (26615)	21.93	22.07	20.70	18.60
		1882.5 (26365)	21.82	21.89	20.61	18.53
		1857.5 (26115)	21.96	21.96	20.58	18.50
20MHz	1RB-High (99)	1905 (26590)	22.13	22.39	21.89	19.09
		1882.5 (26365)	22.17	22.43	22.00	19.19
		1860 (26140)	21.84	22.32	21.88	19.08
	1RB-Middle (50)	1905 (26590)	22.05	22.71	21.60	18.84
		1882.5 (26365)	22.04	22.40	21.77	18.98
		1860 (26140)	21.81	22.52	21.75	18.97
	1RB-Low (0)	1905 (26590)	22.01	22.33	21.98	19.17
		1882.5 (26365)	22.01	22.20	21.76	18.97
		1860 (26140)	21.72	21.95	21.77	18.98
	50RB-High (50)	1905 (26590)	22.29	22.15	20.79	18.68
		1882.5 (26365)	22.14	22.18	20.98	18.86
		1860 (26140)	21.94	21.94	20.81	18.70
	50RB-Middle (25)	1905 (26590)	22.10	22.16	20.76	18.65
		1882.5 (26365)	22.09	22.10	20.69	18.59
		1860 (26140)	21.91	21.93	20.84	18.72
	50RB-Low (0)	1905 (26590)	22.09	22.14	20.73	18.63
		1882.5 (26365)	22.02	22.06	20.70	18.60
		1860 (26140)	21.76	21.78	20.63	18.55
	100RB (0)	1905 (26590)	22.11	22.14	20.79	18.68
		1882.5 (26365)	22.07	22.10	20.70	18.60
		1860 (26140)	21.90	21.91	20.64	18.55

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LTE Band25(ANT4 DSI 2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	23.99	23.48	21.50	18.71
		1882.5 (26365)	23.83	23.29	21.59	18.79
		1850.7 (26047)	24.00	23.17	21.47	18.68
	1RB-Middle (3)	1914.3 (26683)	24.03	23.38	21.50	18.71
		1882.5 (26365)	23.96	23.43	21.61	18.80
		1850.7 (26047)	23.95	23.41	21.54	18.74
	1RB-Low (0)	1914.3 (26683)	24.01	23.40	21.56	18.76
		1882.5 (26365)	23.97	23.41	21.58	18.78
		1850.7 (26047)	23.88	23.43	21.44	18.66
	3RB-High (3)	1914.3 (26683)	23.92	23.10	21.45	18.66
		1882.5 (26365)	23.93	23.23	21.55	18.75
		1850.7 (26047)	24.02	23.00	21.41	18.63
	3RB-Middle (1)	1914.3 (26683)	23.93	22.97	21.51	18.72
		1882.5 (26365)	24.07	23.21	21.59	18.79
		1850.7 (26047)	24.04	23.35	21.36	18.59
	3RB-Low (0)	1914.3 (26683)	23.88	23.19	21.53	18.73
		1882.5 (26365)	23.91	23.17	21.55	18.75
		1850.7 (26047)	24.04	23.27	21.38	18.60
	6RB (0)	1914.3 (26683)	22.98	22.00	20.53	18.41
		1882.5 (26365)	23.00	22.05	20.63	18.51
		1850.7 (26047)	22.98	22.09	20.41	18.30
3MHz	1RB-High (14)	1913.5 (26675)	23.78	23.22	21.50	18.71
		1882.5 (26365)	23.96	23.12	21.47	18.68
		1851.5 (26055)	23.98	23.27	21.73	18.91
	1RB-Middle (7)	1913.5 (26675)	24.02	23.47	21.78	18.95
		1882.5 (26365)	23.97	23.44	21.55	18.75
		1851.5 (26055)	23.97	23.30	21.47	18.68
	1RB-Low (0)	1913.5 (26675)	23.92	23.40	21.75	18.93
		1882.5 (26365)	23.88	23.02	21.47	18.68
		1851.5 (26055)	23.83	23.10	21.49	18.70
	8RB-High (7)	1913.5 (26675)	23.07	22.16	20.63	18.50
		1882.5 (26365)	23.00	22.09	20.76	18.61
		1851.5 (26055)	23.03	22.13	20.51	18.39
	8RB-Middle (4)	1913.5 (26675)	23.01	22.16	20.75	18.60
		1882.5 (26365)	23.03	22.04	20.75	18.60
		1851.5 (26055)	23.03	22.18	20.51	18.39
	8RB-Low (0)	1913.5 (26675)	22.92	22.09	20.81	18.66
		1882.5 (26365)	22.98	22.03	20.69	18.56
		1851.5 (26055)	23.09	22.15	20.42	18.31
	15RB (0)	1913.5 (26675)	22.95	22.10	20.71	18.57
		1882.5 (26365)	22.90	21.94	20.70	18.57
		1851.5 (26055)	22.97	22.08	20.46	18.34

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5MHz	1RB-High (24)	1912.5 (26665)	23.86	23.15	21.42	18.64
		1882.5 (26365)	23.97	23.55	21.62	18.81
		1852.5 (26065)	23.83	23.22	21.81	18.98
	1RB-Middle (12)	1912.5 (26665)	23.87	23.34	21.78	18.95
		1882.5 (26365)	24.11	23.31	21.70	18.88
		1852.5 (26065)	23.92	23.26	21.56	18.76
	1RB-Low (0)	1912.5 (26665)	23.85	23.21	21.82	18.99
		1882.5 (26365)	23.94	23.58	21.38	18.60
		1852.5 (26065)	23.86	23.43	21.51	18.72
	12RB-High (13)	1912.5 (26665)	23.03	22.07	20.70	18.57
		1882.5 (26365)	23.00	22.00	20.69	18.56
		1852.5 (26065)	23.08	22.06	20.63	18.50
	12RB-Middle (6)	1912.5 (26665)	22.95	22.13	20.87	18.71
		1882.5 (26365)	22.96	22.12	20.75	18.60
		1852.5 (26065)	23.11	22.11	20.54	18.42
	12RB-Low (0)	1912.5 (26665)	22.88	22.11	20.96	18.79
		1882.5 (26365)	23.01	22.05	20.55	18.43
		1852.5 (26065)	23.06	22.08	20.43	18.32
	25RB (0)	1912.5 (26665)	22.92	22.07	20.78	18.63
		1882.5 (26365)	22.93	21.94	20.69	18.56
		1852.5 (26065)	23.03	21.98	20.51	18.39
10MHz	1RB-High (49)	1910 (26640)	23.91	23.46	21.55	18.75
		1882.5 (26365)	23.89	23.43	21.75	18.93
		1855 (26090)	23.89	23.35	21.90	19.06
	1RB-Middle (24)	1910 (26640)	23.96	23.11	21.74	18.92
		1882.5 (26365)	23.97	23.33	21.72	18.90
		1855 (26090)	23.93	23.37	21.63	18.82
	1RB-Low (0)	1910 (26640)	23.91	23.37	21.47	18.68
		1882.5 (26365)	23.96	23.35	21.65	18.84
		1855 (26090)	23.97	23.43	21.55	18.75
	25RB-High (25)	1910 (26640)	22.99	22.13	20.77	18.62
		1882.5 (26365)	23.06	22.13	20.71	18.57
		1855 (26090)	23.06	22.04	20.79	18.64
	25RB-Middle (12)	1910 (26640)	22.89	22.01	20.79	18.64
		1882.5 (26365)	22.96	21.98	20.69	18.56
		1855 (26090)	23.12	22.15	20.63	18.50
	25RB-Low (0)	1910 (26640)	22.97	22.02	20.68	18.55
		1882.5 (26365)	23.04	21.97	20.65	18.52
		1855 (26090)	22.90	22.05	20.53	18.41
	50RB (0)	1910 (26640)	22.94	21.98	20.67	18.54
		1882.5 (26365)	22.91	21.90	20.56	18.43
		1855 (26090)	23.04	22.06	20.61	18.48

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15MHz	1RB-High (74)	1907.5 (26615)	24.00	23.01	21.63	18.82
		1882.5 (26365)	24.01	22.90	21.64	18.83
		1857.5 (26115)	23.82	23.11	21.71	18.89
	1RB-Middle (37)	1907.5 (26615)	23.86	23.03	21.64	18.83
		1882.5 (26365)	23.84	23.04	21.64	18.83
		1857.5 (26115)	23.76	23.31	21.72	18.90
	1RB-Low (0)	1907.5 (26615)	23.71	23.28	21.61	18.80
		1882.5 (26365)	23.76	22.89	21.67	18.86
		1857.5 (26115)	23.82	23.03	21.38	18.60
	36RB-High (38)	1907.5 (26615)	23.04	22.06	20.76	18.61
		1882.5 (26365)	22.96	22.00	20.73	18.59
		1857.5 (26115)	22.91	21.98	20.74	18.60
	36RB-Middle (19)	1907.5 (26615)	22.91	21.99	20.64	18.52
		1882.5 (26365)	22.80	21.91	20.52	18.40
		1857.5 (26115)	22.92	21.99	20.62	18.49
	36RB-Low (0)	1907.5 (26615)	22.92	21.97	20.58	18.45
		1882.5 (26365)	22.89	21.96	20.57	18.44
		1857.5 (26115)	22.79	21.86	20.45	18.33
	75RB (0)	1907.5 (26615)	23.04	22.02	20.62	18.49
		1882.5 (26365)	22.87	21.83	20.53	18.41
		1857.5 (26115)	22.92	21.91	20.50	18.38
20MHz	1RB-High (99)	1905 (26590)	23.85	22.98	21.80	18.97
		1882.5 (26365)	23.62	22.85	21.91	19.07
		1860 (26140)	23.68	22.98	21.79	18.96
	1RB-Middle (50)	1905 (26590)	23.70	22.92	21.51	18.72
		1882.5 (26365)	23.57	23.79	21.69	18.87
		1860 (26140)	23.64	23.63	21.66	18.85
	1RB-Low (0)	1905 (26590)	23.66	22.86	21.89	19.05
		1882.5 (26365)	23.88	22.97	21.67	18.86
		1860 (26140)	23.79	22.94	21.69	18.87
	50RB-High (50)	1905 (26590)	22.85	21.95	20.70	18.57
		1882.5 (26365)	22.96	21.86	20.90	18.74
		1860 (26140)	22.84	21.80	20.72	18.58
	50RB-Middle (25)	1905 (26590)	22.82	21.96	20.67	18.54
		1882.5 (26365)	22.78	21.83	20.61	18.48
		1860 (26140)	22.79	21.89	20.75	18.60
	50RB-Low (0)	1905 (26590)	22.82	21.80	20.64	18.52
		1882.5 (26365)	22.81	21.73	20.62	18.49
		1860 (26140)	22.80	21.78	20.55	18.43
	100RB (0)	1905 (26590)	22.94	21.92	20.70	18.57
		1882.5 (26365)	22.90	21.80	20.62	18.49
		1860 (26140)	22.85	21.87	20.56	18.43

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LTE Band25(ANT4 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	13.47	13.80	13.46	13.48
		1882.5 (26365)	13.42	13.79	13.54	13.55
		1850.7 (26047)	13.40	13.80	13.31	13.32
	1RB-Middle (3)	1914.3 (26683)	13.46	13.83	13.45	13.46
		1882.5 (26365)	13.44	13.76	13.36	13.37
		1850.7 (26047)	13.57	13.89	13.34	13.35
	1RB-Low (0)	1914.3 (26683)	13.48	13.77	13.49	13.50
		1882.5 (26365)	13.44	14.06	13.44	13.45
		1850.7 (26047)	13.42	13.69	13.48	13.49
	3RB-High (3)	1914.3 (26683)	13.43	13.55	13.35	13.36
		1882.5 (26365)	13.52	13.58	13.39	13.40
		1850.7 (26047)	13.47	13.67	13.40	13.41
	3RB-Middle (1)	1914.3 (26683)	13.49	13.63	13.21	13.23
		1882.5 (26365)	13.54	13.74	13.38	13.39
		1850.7 (26047)	13.45	13.61	13.48	13.49
	3RB-Low (0)	1914.3 (26683)	13.55	13.50	13.21	13.23
		1882.5 (26365)	13.53	13.57	13.39	13.40
		1850.7 (26047)	13.45	13.68	13.39	13.40
	6RB (0)	1914.3 (26683)	13.48	13.49	13.36	13.37
		1882.5 (26365)	13.44	13.61	13.28	13.29
		1850.7 (26047)	13.51	13.54	13.36	13.37
3MHz	1RB-High (14)	1913.5 (26675)	13.44	13.57	13.43	13.44
		1882.5 (26365)	13.38	13.89	13.41	13.42
		1851.5 (26055)	13.46	13.89	13.34	13.35
	1RB-Middle (7)	1913.5 (26675)	13.51	13.82	13.37	13.38
		1882.5 (26365)	13.58	13.98	13.37	13.38
		1851.5 (26055)	13.61	13.81	13.43	13.45
	1RB-Low (0)	1913.5 (26675)	13.48	13.73	13.33	13.34
		1882.5 (26365)	13.39	13.65	13.34	13.36
		1851.5 (26055)	13.38	13.84	13.46	13.48
	8RB-High (7)	1913.5 (26675)	13.54	13.66	13.35	13.36
		1882.5 (26365)	13.53	13.56	13.37	13.38
		1851.5 (26055)	13.55	13.55	13.38	13.39
	8RB-Middle (4)	1913.5 (26675)	13.59	13.56	13.32	13.33
		1882.5 (26365)	13.58	13.67	13.37	13.39
		1851.5 (26055)	13.61	13.64	13.41	13.42
	8RB-Low (0)	1913.5 (26675)	13.55	13.51	13.24	13.25
		1882.5 (26365)	13.50	13.53	13.24	13.25
		1851.5 (26055)	13.55	13.57	13.42	13.43
	15RB (0)	1913.5 (26675)	13.54	13.60	13.27	13.28
		1882.5 (26365)	13.47	13.41	13.23	13.24
		1851.5 (26055)	13.52	13.54	13.36	13.37

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5MHz	1RB-High (24)	1912.5 (26665)	13.56	13.76	13.56	13.57
		1882.5 (26365)	13.51	13.76	13.36	13.38
		1852.5 (26065)	13.46	13.72	13.41	13.42
	1RB-Middle (12)	1912.5 (26665)	13.64	13.93	13.58	13.28
		1882.5 (26365)	13.54	13.89	13.38	13.39
		1852.5 (26065)	13.61	13.84	13.41	13.42
	1RB-Low (0)	1912.5 (26665)	13.48	13.89	13.48	13.49
		1882.5 (26365)	13.39	14.05	13.34	13.35
		1852.5 (26065)	13.47	13.89	13.54	13.55
	12RB-High (13)	1912.5 (26665)	13.57	13.64	13.26	13.27
		1882.5 (26365)	13.52	13.64	13.28	13.29
		1852.5 (26065)	13.51	13.49	13.37	13.38
	12RB-Middle (6)	1912.5 (26665)	13.59	13.65	13.37	13.38
		1882.5 (26365)	13.47	13.55	13.32	13.33
		1852.5 (26065)	13.65	13.58	13.43	13.44
	12RB-Low (0)	1912.5 (26665)	13.49	13.47	13.33	13.34
		1882.5 (26365)	13.43	13.52	13.29	13.30
		1852.5 (26065)	13.59	13.60	13.37	13.39
	25RB (0)	1912.5 (26665)	13.43	13.56	13.29	13.30
		1882.5 (26365)	13.47	13.47	13.27	13.28
		1852.5 (26065)	13.54	13.57	13.31	13.32
10MHz	1RB-High (49)	1910 (26640)	13.51	13.86	13.52	13.53
		1882.5 (26365)	13.50	13.82	13.44	13.45
		1855 (26090)	13.48	13.91	13.38	13.39
	1RB-Middle (24)	1910 (26640)	13.58	13.85	13.54	13.55
		1882.5 (26365)	13.62	13.94	13.54	13.55
		1855 (26090)	13.45	13.77	13.34	13.36
	1RB-Low (0)	1910 (26640)	13.51	14.04	13.45	13.46
		1882.5 (26365)	13.39	13.90	13.49	13.50
		1855 (26090)	13.44	13.79	13.37	13.38
	25RB-High (25)	1910 (26640)	13.59	13.61	13.30	13.31
		1882.5 (26365)	13.54	13.52	13.37	13.38
		1855 (26090)	13.55	13.52	13.30	13.31
	25RB-Middle (12)	1910 (26640)	13.59	13.64	13.20	13.21
		1882.5 (26365)	13.49	13.59	13.26	13.27
		1855 (26090)	13.57	13.62	13.37	13.38
	25RB-Low (0)	1910 (26640)	13.58	13.52	13.27	13.28
		1882.5 (26365)	13.49	13.48	13.29	13.29
		1855 (26090)	13.50	13.54	13.30	13.31
	50RB (0)	1910 (26640)	13.66	13.51	13.16	13.17
		1882.5 (26365)	13.49	13.51	13.22	13.23
		1855 (26090)	13.59	13.52	13.37	13.39

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15MHz	1RB-High (74)	1907.5 (26615)	13.49	13.79	13.30	13.31
		1882.5 (26365)	13.26	13.37	13.20	13.21
		1857.5 (26115)	13.28	13.63	13.29	13.31
	1RB-Middle (37)	1907.5 (26615)	13.31	13.51	13.30	13.31
		1882.5 (26365)	13.30	13.63	13.35	13.36
		1857.5 (26115)	13.35	13.56	13.53	13.54
	1RB-Low (0)	1907.5 (26615)	13.30	13.55	13.43	13.44
		1882.5 (26365)	13.40	14.00	13.40	13.41
		1857.5 (26115)	13.26	13.87	13.32	13.33
	36RB-High (38)	1907.5 (26615)	13.48	13.48	13.17	13.18
		1882.5 (26365)	13.41	13.36	13.23	13.24
		1857.5 (26115)	13.34	13.40	13.28	13.29
	36RB-Middle (19)	1907.5 (26615)	13.42	13.38	13.17	13.18
		1882.5 (26365)	13.42	13.37	13.23	13.24
		1857.5 (26115)	13.37	13.41	13.29	13.31
	36RB-Low (0)	1907.5 (26615)	13.41	13.41	13.12	13.13
		1882.5 (26365)	13.35	13.34	13.20	13.20
		1857.5 (26115)	13.38	13.34	13.20	13.21
	75RB (0)	1907.5 (26615)	13.38	13.27	13.10	13.11
		1882.5 (26365)	13.41	13.34	13.21	13.23
		1857.5 (26115)	13.48	13.41	13.26	13.27
20MHz	1RB-High (99)	1905 (26590)	13.59	13.93	13.30	13.38
		1882.5 (26365)	13.58	13.89	13.21	13.19
		1860 (26140)	13.38	13.77	13.23	13.25
	1RB-Middle (50)	1905 (26590)	13.61	14.02	13.25	13.29
		1882.5 (26365)	13.61	13.97	13.46	13.23
		1860 (26140)	13.31	13.76	13.41	13.45
	1RB-Low (0)	1905 (26590)	13.63	13.99	13.26	13.16
		1882.5 (26365)	13.54	13.73	13.33	13.34
		1860 (26140)	13.23	13.55	13.36	13.29
	50RB-High (50)	1905 (26590)	13.76	13.72	13.25	13.25
		1882.5 (26365)	13.72	13.71	13.22	13.24
		1860 (26140)	13.51	13.52	13.29	13.36
	50RB-Middle (25)	1905 (26590)	13.68	13.69	13.10	13.22
		1882.5 (26365)	13.63	13.59	13.29	13.19
		1860 (26140)	13.43	13.47	13.27	13.31
	50RB-Low (0)	1905 (26590)	13.70	13.70	13.23	13.25
		1882.5 (26365)	13.60	13.63	13.18	13.16
		1860 (26140)	13.31	13.33	13.24	13.23
	100RB (0)	1905 (26590)	13.67	13.70	13.10	13.15
		1882.5 (26365)	13.62	13.60	13.24	13.13
		1860 (26140)	13.41	13.44	13.23	13.23

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LTE Band25(ANT4 DSI 12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	22.47	23.11	21.63	18.69
		1882.5 (26365)	22.32	22.93	21.72	18.77
		1850.7 (26047)	22.48	22.81	21.60	18.66
	1RB-Middle (3)	1914.3 (26683)	22.51	23.01	21.63	18.69
		1882.5 (26365)	22.44	23.06	21.74	18.78
		1850.7 (26047)	22.43	23.04	21.67	18.72
	1RB-Low (0)	1914.3 (26683)	22.49	23.03	21.69	18.74
		1882.5 (26365)	22.45	23.04	21.71	18.76
		1850.7 (26047)	22.37	23.06	21.57	18.64
	3RB-High (3)	1914.3 (26683)	22.41	22.74	21.58	18.64
		1882.5 (26365)	22.41	22.87	21.68	18.73
		1850.7 (26047)	22.50	22.64	21.54	18.61
	3RB-Middle (1)	1914.3 (26683)	22.41	22.61	21.64	18.70
		1882.5 (26365)	22.55	22.85	21.72	18.77
		1850.7 (26047)	22.52	22.98	21.49	18.57
	3RB-Low (0)	1914.3 (26683)	22.37	22.83	21.66	18.71
		1882.5 (26365)	22.40	22.81	21.68	18.73
		1850.7 (26047)	22.52	22.91	21.51	18.58
	6RB (0)	1914.3 (26683)	22.43	21.66	20.65	18.39
		1882.5 (26365)	22.44	21.70	20.75	18.49
		1850.7 (26047)	22.43	21.74	20.53	18.28
3MHz	1RB-High (14)	1913.5 (26675)	22.27	22.86	21.63	18.69
		1882.5 (26365)	22.44	22.76	21.60	18.66
		1851.5 (26055)	22.46	22.91	21.86	18.89
	1RB-Middle (7)	1913.5 (26675)	22.50	23.10	21.91	18.93
		1882.5 (26365)	22.45	23.07	21.68	18.73
		1851.5 (26055)	22.45	22.93	21.60	18.66
	1RB-Low (0)	1913.5 (26675)	22.41	23.03	21.88	18.91
		1882.5 (26365)	22.37	22.66	21.60	18.66
		1851.5 (26055)	22.32	22.74	21.62	18.68
	8RB-High (7)	1913.5 (26675)	22.61	21.81	20.75	18.48
		1882.5 (26365)	22.44	21.74	20.88	18.59
		1851.5 (26055)	22.47	21.78	20.63	18.37
	8RB-Middle (4)	1913.5 (26675)	22.45	21.81	20.87	18.58
		1882.5 (26365)	22.47	21.69	20.87	18.58
		1851.5 (26055)	22.47	21.83	20.63	18.37
	8RB-Low (0)	1913.5 (26675)	22.37	21.74	20.93	18.64
		1882.5 (26365)	22.43	21.68	20.81	18.54
		1851.5 (26055)	22.53	21.80	20.54	18.29
	15RB (0)	1913.5 (26675)	22.40	21.75	20.83	18.55
		1882.5 (26365)	22.35	21.60	20.82	18.55
		1851.5 (26055)	22.42	21.73	20.58	18.32

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5MHz	1RB-High (24)	1912.5 (26665)	22.35	22.79	21.55	18.62
		1882.5 (26365)	22.45	23.18	21.75	18.79
		1852.5 (26065)	22.32	22.86	21.94	18.96
	1RB-Middle (12)	1912.5 (26665)	22.36	22.97	21.91	18.93
		1882.5 (26365)	22.58	22.94	21.83	18.86
		1852.5 (26065)	22.41	22.90	21.69	18.74
	1RB-Low (0)	1912.5 (26665)	22.34	22.85	21.95	18.97
		1882.5 (26365)	22.42	23.00	21.51	18.58
		1852.5 (26065)	22.35	23.06	21.64	18.70
	12RB-High (13)	1912.5 (26665)	22.47	21.86	20.82	18.55
		1882.5 (26365)	22.44	21.86	20.81	18.54
		1852.5 (26065)	22.52	21.71	20.75	18.48
	12RB-Middle (6)	1912.5 (26665)	22.40	21.78	20.99	18.69
		1882.5 (26365)	22.41	21.77	20.87	18.58
		1852.5 (26065)	22.55	21.76	20.66	18.40
	12RB-Low (0)	1912.5 (26665)	22.33	21.76	21.08	18.77
		1882.5 (26365)	22.45	21.70	20.67	18.41
		1852.5 (26065)	22.50	21.73	20.55	18.30
	25RB (0)	1912.5 (26665)	22.37	21.72	20.90	18.61
		1882.5 (26365)	22.38	21.60	20.81	18.54
		1852.5 (26065)	22.47	21.64	20.63	18.37
10MHz	1RB-High (49)	1910 (26640)	22.40	23.09	21.68	18.73
		1882.5 (26365)	22.38	23.06	21.88	18.91
		1855 (26090)	22.38	22.98	22.03	19.04
	1RB-Middle (24)	1910 (26640)	22.44	22.75	21.87	18.90
		1882.5 (26365)	22.45	22.96	21.85	18.88
		1855 (26090)	22.41	23.00	21.76	18.80
	1RB-Low (0)	1910 (26640)	22.40	23.00	21.60	18.66
		1882.5 (26365)	22.44	22.98	21.78	18.82
		1855 (26090)	22.45	23.06	21.68	18.73
	25RB-High (25)	1910 (26640)	22.43	21.88	20.89	18.60
		1882.5 (26365)	22.50	21.78	20.83	18.55
		1855 (26090)	22.50	21.69	20.91	18.62
	25RB-Middle (12)	1910 (26640)	22.34	21.67	20.91	18.62
		1882.5 (26365)	22.41	21.64	20.81	18.54
		1855 (26090)	22.56	21.80	20.75	18.48
	25RB-Low (0)	1910 (26640)	22.42	21.68	20.80	18.53
		1882.5 (26365)	22.48	21.63	20.77	18.50
		1855 (26090)	22.35	21.70	20.65	18.39
	50RB (0)	1910 (26640)	22.39	21.64	20.79	18.52
		1882.5 (26365)	22.36	21.56	20.68	18.41
		1855 (26090)	22.48	21.71	20.73	18.46

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15MHz	1RB-High (74)	1907.5 (26615)	22.48	22.65	21.76	18.80
		1882.5 (26365)	22.49	22.54	21.77	18.81
		1857.5 (26115)	22.31	22.75	21.84	18.87
	1RB-Middle (37)	1907.5 (26615)	22.35	22.67	21.77	18.81
		1882.5 (26365)	22.33	22.68	21.77	18.81
		1857.5 (26115)	22.26	22.94	21.85	18.88
	1RB-Low (0)	1907.5 (26615)	22.21	22.92	21.74	18.78
		1882.5 (26365)	22.26	22.53	21.80	18.84
		1857.5 (26115)	22.31	22.67	21.51	18.58
	36RB-High (38)	1907.5 (26615)	22.48	21.86	20.88	18.59
		1882.5 (26365)	22.41	21.66	20.85	18.57
		1857.5 (26115)	22.36	21.64	20.86	18.58
	36RB-Middle (19)	1907.5 (26615)	22.36	21.65	20.76	18.50
		1882.5 (26365)	22.26	21.57	20.64	18.38
		1857.5 (26115)	22.37	21.65	20.74	18.47
	36RB-Low (0)	1907.5 (26615)	22.37	21.63	20.70	18.43
		1882.5 (26365)	22.34	21.62	20.69	18.42
		1857.5 (26115)	22.25	21.52	20.57	18.31
	75RB (0)	1907.5 (26615)	22.48	21.68	20.74	18.47
		1882.5 (26365)	22.32	21.49	20.65	18.39
		1857.5 (26115)	22.37	21.57	20.62	18.36
20MHz	1RB-High (99)	1905 (26590)	22.34	22.62	22.31	18.95
		1882.5 (26365)	22.73	22.62	21.90	19.05
		1860 (26140)	22.77	22.63	21.68	18.94
	1RB-Middle (50)	1905 (26590)	22.51	22.70	21.80	18.70
		1882.5 (26365)	22.48	22.75	22.13	18.85
		1860 (26140)	22.53	22.72	21.83	18.83
	1RB-Low (0)	1905 (26590)	22.81	22.51	21.84	19.03
		1882.5 (26365)	22.85	22.57	21.71	18.84
		1860 (26140)	22.71	22.63	21.71	18.85
	50RB-High (50)	1905 (26590)	22.67	21.87	20.72	18.55
		1882.5 (26365)	22.69	21.84	20.78	18.72
		1860 (26140)	22.65	21.78	20.72	18.56
	50RB-Middle (25)	1905 (26590)	22.66	21.86	20.83	18.52
		1882.5 (26365)	22.56	21.74	20.76	18.46
		1860 (26140)	22.61	21.75	20.78	18.58
	50RB-Low (0)	1905 (26590)	22.54	21.64	20.71	18.50
		1882.5 (26365)	22.55	21.67	20.75	18.47
		1860 (26140)	22.64	21.60	20.63	18.41
	100RB (0)	1905 (26590)	22.67	21.76	20.82	18.55
		1882.5 (26365)	22.62	21.79	20.78	18.47
		1860 (26140)	22.67	21.73	20.86	18.41

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LTE Band25(ANT5 DSI 1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	22.01	22.42	21.37	18.39
		1882.5 (26365)	22.19	22.33	21.28	18.32
		1850.7 (26047)	22.16	22.44	21.39	18.41
	1RB-Middle (3)	1914.3 (26683)	22.16	22.29	21.24	18.28
		1882.5 (26365)	22.22	22.30	21.25	18.29
		1850.7 (26047)	22.25	22.48	21.42	18.44
	1RB-Low (0)	1914.3 (26683)	22.06	22.26	21.22	18.26
		1882.5 (26365)	22.24	22.38	21.33	18.36
		1850.7 (26047)	22.28	22.29	21.24	18.28
	3RB-High (3)	1914.3 (26683)	22.13	22.32	21.21	19.05
		1882.5 (26365)	22.33	22.35	21.24	19.08
		1850.7 (26047)	22.38	22.35	21.24	19.08
	3RB-Middle (1)	1914.3 (26683)	22.13	22.33	21.22	19.06
		1882.5 (26365)	22.26	22.31	21.20	19.05
		1850.7 (26047)	22.35	22.32	21.21	19.05
	3RB-Low (0)	1914.3 (26683)	22.16	22.30	21.19	19.04
		1882.5 (26365)	22.32	22.40	21.29	19.02
		1850.7 (26047)	22.33	22.46	21.35	19.00
	6RB (0)	1914.3 (26683)	22.06	21.26	20.21	18.15
		1882.5 (26365)	22.26	21.51	20.44	18.36
		1850.7 (26047)	22.37	21.58	20.51	18.42
3MHz	1RB-High (14)	1913.5 (26675)	21.82	22.28	21.23	18.28
		1882.5 (26365)	21.97	22.37	21.32	18.35
		1851.5 (26055)	22.15	22.33	21.28	18.32
	1RB-Middle (7)	1913.5 (26675)	21.89	22.34	21.29	18.33
		1882.5 (26365)	22.12	22.31	21.26	18.30
		1851.5 (26055)	22.19	22.31	21.26	18.30
	1RB-Low (0)	1913.5 (26675)	21.78	22.28	21.23	18.28
		1882.5 (26365)	21.90	22.34	21.29	18.33
		1851.5 (26055)	22.10	22.39	21.34	18.37
	8RB-High (7)	1913.5 (26675)	21.92	21.19	20.14	18.09
		1882.5 (26365)	22.19	21.36	20.30	18.23
		1851.5 (26055)	22.23	21.50	20.43	18.35
	8RB-Middle (4)	1913.5 (26675)	21.96	21.17	20.12	18.07
		1882.5 (26365)	22.21	21.43	20.37	18.29
		1851.5 (26055)	22.30	21.43	20.37	18.29
	8RB-Low (0)	1913.5 (26675)	22.01	21.23	20.18	18.12
		1882.5 (26365)	22.15	21.32	20.26	18.20
		1851.5 (26055)	22.19	21.54	20.47	18.39
	15RB (0)	1913.5 (26675)	21.94	21.16	20.11	18.06
		1882.5 (26365)	22.06	21.30	20.24	18.18
		1851.5 (26055)	22.18	21.42	20.36	18.29

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5MHz	1RB-High (24)	1912.5 (26665)	21.97	22.31	21.26	18.30
		1882.5 (26365)	22.12	22.47	21.42	18.43
		1852.5 (26065)	22.18	22.39	21.34	18.37
	1RB-Middle (12)	1912.5 (26665)	22.08	22.44	21.39	18.41
		1882.5 (26365)	22.25	22.34	21.29	18.33
		1852.5 (26065)	22.29	22.46	21.41	18.42
	1RB-Low (0)	1912.5 (26665)	22.00	22.46	21.41	18.42
		1882.5 (26365)	22.06	22.28	21.23	18.28
		1852.5 (26065)	22.14	22.27	21.22	18.27
	12RB-High (13)	1912.5 (26665)	22.04	21.19	20.14	18.09
		1882.5 (26365)	22.16	21.31	20.25	18.19
		1852.5 (26065)	22.25	21.48	20.42	18.34
	12RB-Middle (6)	1912.5 (26665)	22.09	21.25	20.20	18.14
		1882.5 (26365)	22.21	21.27	20.22	18.16
		1852.5 (26065)	22.33	21.50	20.43	18.35
	12RB-Low (0)	1912.5 (26665)	22.07	21.21	20.16	18.11
		1882.5 (26365)	22.17	21.38	20.32	18.25
		1852.5 (26065)	22.24	21.36	20.30	18.23
	25RB (0)	1912.5 (26665)	22.03	21.15	20.10	18.06
		1882.5 (26365)	22.15	21.23	20.18	18.12
		1852.5 (26065)	22.23	21.40	20.34	18.27
10MHz	1RB-High (49)	1910 (26640)	22.04	22.37	21.32	18.35
		1882.5 (26365)	22.10	22.31	21.26	18.30
		1855 (26090)	22.17	22.43	21.38	18.40
	1RB-Middle (24)	1910 (26640)	22.01	22.49	21.43	18.45
		1882.5 (26365)	22.21	22.32	21.27	18.31
		1855 (26090)	22.25	22.50	21.44	18.46
	1RB-Low (0)	1910 (26640)	22.04	22.26	21.22	18.26
		1882.5 (26365)	22.15	22.44	21.39	18.41
		1855 (26090)	22.12	22.34	21.29	18.33
	25RB-High (25)	1910 (26640)	22.18	21.32	20.26	18.20
		1882.5 (26365)	22.28	21.40	20.34	18.27
		1855 (26090)	22.27	21.41	20.35	18.28
	25RB-Middle (12)	1910 (26640)	22.03	21.27	20.22	18.16
		1882.5 (26365)	22.17	21.34	20.28	18.22
		1855 (26090)	22.36	21.43	20.37	18.29
	25RB-Low (0)	1910 (26640)	22.06	21.11	20.06	18.02
		1882.5 (26365)	22.21	21.38	20.32	18.25
		1855 (26090)	22.20	21.26	20.21	18.15
	50RB (0)	1910 (26640)	22.06	21.18	20.13	18.08
		1882.5 (26365)	22.22	21.34	20.28	18.22
		1855 (26090)	22.35	21.40	20.34	18.27

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15MHz	1RB-High (74)	1907.5 (26615)	21.82	21.92	20.89	17.98
		1882.5 (26365)	21.93	22.16	21.12	18.18
		1857.5 (26115)	21.92	22.19	21.15	18.20
	1RB-Middle (37)	1907.5 (26615)	21.65	22.26	21.22	18.26
		1882.5 (26365)	21.79	22.14	21.10	18.16
		1857.5 (26115)	21.81	22.38	21.33	18.36
	1RB-Low (0)	1907.5 (26615)	21.77	22.05	21.02	18.09
		1882.5 (26365)	21.86	22.14	21.10	18.16
		1857.5 (26115)	21.95	21.90	20.87	17.96
	36RB-High (38)	1907.5 (26615)	21.88	21.08	20.04	18.00
		1882.5 (26365)	21.96	21.10	20.05	18.01
		1857.5 (26115)	22.03	21.05	20.01	17.97
	36RB-Middle (19)	1907.5 (26615)	21.89	21.07	20.03	17.99
		1882.5 (26365)	21.88	21.03	19.99	17.95
		1857.5 (26115)	22.04	21.17	20.12	18.07
	36RB-Low (0)	1907.5 (26615)	21.90	21.08	20.04	18.00
		1882.5 (26365)	21.90	20.98	19.94	17.91
		1857.5 (26115)	21.91	21.04	20.00	17.96
	75RB (0)	1907.5 (26615)	21.85	21.11	20.06	18.02
		1882.5 (26365)	21.91	21.04	20.00	17.96
		1857.5 (26115)	21.98	21.11	20.06	18.02
20MHz	1RB-High (99)	1905 (26590)	22.05	22.45	21.40	18.42
		1882.5 (26365)	21.99	22.34	21.29	18.33
		1860 (26140)	22.11	22.29	21.24	18.28
	1RB-Middle (50)	1905 (26590)	22.00	22.11	21.07	18.14
		1882.5 (26365)	22.01	22.46	21.41	18.42
		1860 (26140)	22.17	22.07	21.03	18.10
	1RB-Low (0)	1905 (26590)	22.05	22.28	21.23	18.28
		1882.5 (26365)	22.16	22.37	21.32	18.35
		1860 (26140)	22.05	22.36	21.31	18.34
	50RB-High (50)	1905 (26590)	22.08	21.28	20.23	18.17
		1882.5 (26365)	22.15	21.33	20.27	18.21
		1860 (26140)	22.22	21.26	20.21	18.15
	50RB-Middle (25)	1905 (26590)	22.14	21.21	20.16	18.11
		1882.5 (26365)	22.14	21.27	20.22	18.16
		1860 (26140)	22.20	21.34	20.28	18.22
	50RB-Low (0)	1905 (26590)	21.99	21.26	20.21	18.15
		1882.5 (26365)	22.16	21.39	20.33	18.26
		1860 (26140)	22.15	21.25	20.20	18.14
	100RB (0)	1905 (26590)	22.12	21.31	20.25	18.19
		1882.5 (26365)	22.13	21.27	20.22	18.16
		1860 (26140)	22.24	21.33	20.27	18.21

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LTE Band25(ANT5 DSI 5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	23.21	22.49	21.50	18.33
		1882.5 (26365)	23.23	22.95	21.94	18.71
		1850.7 (26047)	23.19	22.60	21.61	18.42
	1RB-Middle (3)	1914.3 (26683)	23.29	22.65	21.66	18.46
		1882.5 (26365)	23.25	22.61	21.62	18.43
		1850.7 (26047)	23.29	22.75	21.75	18.54
	1RB-Low (0)	1914.3 (26683)	23.26	22.98	21.97	18.73
		1882.5 (26365)	23.14	22.77	21.77	18.56
		1850.7 (26047)	23.23	22.83	21.83	18.61
	3RB-High (3)	1914.3 (26683)	23.39	22.59	21.60	18.41
		1882.5 (26365)	23.21	22.49	21.50	18.33
		1850.7 (26047)	23.29	22.53	21.54	18.36
	3RB-Middle (1)	1914.3 (26683)	23.25	22.47	21.48	18.31
		1882.5 (26365)	23.34	22.43	21.45	18.28
		1850.7 (26047)	23.28	22.52	21.53	18.35
	3RB-Low (0)	1914.3 (26683)	23.33	22.57	21.58	18.40
		1882.5 (26365)	23.35	22.50	21.51	18.34
		1850.7 (26047)	23.31	22.43	21.45	18.28
	6RB (0)	1914.3 (26683)	22.26	21.36	20.42	18.41
		1882.5 (26365)	22.27	21.36	20.42	18.41
		1850.7 (26047)	22.36	21.40	20.46	18.44
3MHz	1RB-High (14)	1913.5 (26675)	23.13	22.66	21.67	18.47
		1882.5 (26365)	23.16	22.66	21.67	18.47
		1851.5 (26055)	23.25	22.65	21.66	18.46
	1RB-Middle (7)	1913.5 (26675)	23.29	22.70	21.70	18.50
		1882.5 (26365)	23.28	22.49	21.50	18.33
		1851.5 (26055)	23.41	22.81	21.81	18.59
	1RB-Low (0)	1913.5 (26675)	23.27	22.64	21.65	18.45
		1882.5 (26365)	23.12	22.69	21.69	18.49
		1851.5 (26055)	23.20	22.68	21.68	18.49
	8RB-High (7)	1913.5 (26675)	22.38	21.44	20.50	18.47
		1882.5 (26365)	22.32	21.42	20.48	18.46
		1851.5 (26055)	22.43	21.49	20.55	18.52
	8RB-Middle (4)	1913.5 (26675)	22.39	21.45	20.51	18.48
		1882.5 (26365)	22.38	21.33	20.39	18.38
		1851.5 (26055)	22.42	21.51	20.57	18.53
	8RB-Low (0)	1913.5 (26675)	22.24	21.42	20.48	18.46
		1882.5 (26365)	22.29	21.32	20.38	18.38
		1851.5 (26055)	22.36	21.44	20.50	18.47
	15RB (0)	1913.5 (26675)	22.32	21.27	20.34	18.34
		1882.5 (26365)	22.27	21.40	20.46	18.44
		1851.5 (26055)	22.36	21.49	20.55	18.52

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5MHz	1RB-High (24)	1912.5 (26665)	23.31	22.82	21.82	18.60
		1882.5 (26365)	23.27	22.67	21.68	18.48
		1852.5 (26065)	23.26	22.53	21.54	18.36
	1RB-Middle (12)	1912.5 (26665)	23.22	23.10	22.09	18.83
		1882.5 (26365)	23.31	22.77	21.77	18.56
		1852.5 (26065)	23.33	22.75	21.75	18.54
	1RB-Low (0)	1912.5 (26665)	23.10	22.62	21.63	18.44
		1882.5 (26365)	23.29	22.59	21.60	18.41
		1852.5 (26065)	23.28	22.53	21.54	18.36
	12RB-High (13)	1912.5 (26665)	22.32	21.49	20.55	18.52
		1882.5 (26365)	22.36	21.36	20.42	18.41
		1852.5 (26065)	22.40	21.36	20.42	18.41
	12RB-Middle (6)	1912.5 (26665)	22.42	21.34	20.40	18.39
		1882.5 (26365)	22.34	21.34	20.40	18.39
		1852.5 (26065)	22.37	21.45	20.51	18.48
	12RB-Low (0)	1912.5 (26665)	22.21	21.40	20.46	18.44
		1882.5 (26365)	22.20	21.29	20.36	18.35
		1852.5 (26065)	22.38	21.44	20.50	18.47
	25RB (0)	1912.5 (26665)	22.28	21.34	20.40	18.39
		1882.5 (26365)	22.27	21.35	20.41	18.40
		1852.5 (26065)	22.42	21.41	20.47	18.45
10MHz	1RB-High (49)	1910 (26640)	23.28	22.95	21.94	18.71
		1882.5 (26365)	23.19	22.76	21.76	18.55
		1855 (26090)	23.30	22.61	21.62	18.43
	1RB-Middle (24)	1910 (26640)	23.22	22.66	21.67	18.47
		1882.5 (26365)	23.23	22.60	21.61	18.42
		1855 (26090)	23.30	22.67	21.68	18.48
	1RB-Low (0)	1910 (26640)	23.21	22.88	21.88	18.65
		1882.5 (26365)	23.26	22.72	21.72	18.52
		1855 (26090)	23.29	22.75	21.75	18.54
	25RB-High (25)	1910 (26640)	22.33	21.40	20.46	18.44
		1882.5 (26365)	22.37	21.30	20.37	18.36
		1855 (26090)	22.39	21.46	20.52	18.49
	25RB-Middle (12)	1910 (26640)	22.38	21.32	20.38	18.38
		1882.5 (26365)	22.39	21.33	20.39	18.38
		1855 (26090)	22.45	21.46	20.52	18.49
	25RB-Low (0)	1910 (26640)	22.27	21.25	20.32	18.32
		1882.5 (26365)	22.25	21.32	20.38	18.38
		1855 (26090)	22.23	21.43	20.49	18.47
	50RB (0)	1910 (26640)	22.38	21.31	20.37	18.37
		1882.5 (26365)	22.31	21.32	20.38	18.38
		1855 (26090)	22.43	21.43	20.49	18.47

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15MHz	1RB-High (74)	1907.5 (26615)	23.37	22.20	21.23	18.09
		1882.5 (26365)	23.04	22.47	21.48	18.31
		1857.5 (26115)	23.13	22.44	21.46	18.29
	1RB-Middle (37)	1907.5 (26615)	23.00	22.40	21.42	18.26
		1882.5 (26365)	23.10	22.32	21.34	18.19
		1857.5 (26115)	23.13	22.38	21.40	18.24
	1RB-Low (0)	1907.5 (26615)	23.00	22.66	21.67	18.47
		1882.5 (26365)	22.99	22.50	21.51	18.34
		1857.5 (26115)	23.09	22.67	21.68	18.48
	36RB-High (38)	1907.5 (26615)	22.18	21.34	20.40	18.39
		1882.5 (26365)	22.19	21.21	20.28	18.29
		1857.5 (26115)	22.23	21.25	20.32	18.32
	36RB-Middle (19)	1907.5 (26615)	22.26	21.25	20.32	18.32
		1882.5 (26365)	22.19	21.24	20.31	18.31
		1857.5 (26115)	22.25	21.31	20.37	18.37
	36RB-Low (0)	1907.5 (26615)	22.17	21.14	20.21	18.23
		1882.5 (26365)	22.18	21.23	20.30	18.30
		1857.5 (26115)	22.25	21.24	20.31	18.31
	75RB (0)	1907.5 (26615)	22.24	21.31	20.37	18.37
		1882.5 (26365)	22.22	21.19	20.26	18.27
		1857.5 (26115)	22.31	21.29	20.36	18.35
20MHz	1RB-High (99)	1905 (26590)	23.32	22.29	21.18	18.06
		1882.5 (26365)	23.57	22.20	21.23	18.09
		1860 (26140)	23.28	22.25	21.27	18.13
	1RB-Middle (50)	1905 (26590)	22.93	22.02	21.10	18.13
		1882.5 (26365)	23.17	22.12	21.15	18.03
		1860 (26140)	23.18	22.24	21.26	18.13
	1RB-Low (0)	1905 (26590)	23.15	22.40	21.42	18.26
		1882.5 (26365)	23.09	22.33	21.35	18.20
		1860 (26140)	23.15	22.25	21.27	18.13
	50RB-High (50)	1905 (26590)	22.27	21.21	20.28	18.29
		1882.5 (26365)	22.28	21.22	20.29	18.30
		1860 (26140)	22.25	21.20	20.27	18.28
	50RB-Middle (25)	1905 (26590)	22.31	21.30	20.37	18.36
		1882.5 (26365)	22.27	21.22	20.29	18.30
		1860 (26140)	22.26	21.24	20.31	18.31
	50RB-Low (0)	1905 (26590)	22.21	21.14	20.21	18.23
		1882.5 (26365)	22.15	21.15	20.22	18.24
		1860 (26140)	22.28	21.23	20.30	18.30
	100RB (0)	1905 (26590)	22.37	21.32	20.38	18.38
		1882.5 (26365)	22.20	21.29	20.36	18.35
		1860 (26140)	22.30	21.31	20.37	18.37

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LTE Band25(ANT5 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	13.77	14.02	14.07	14.03
		1882.5 (26365)	13.87	14.04	14.09	14.05
		1850.7 (26047)	13.81	14.09	14.14	14.10
	1RB-Middle (3)	1914.3 (26683)	13.62	14.01	14.06	14.02
		1882.5 (26365)	13.88	14.03	14.08	14.04
		1850.7 (26047)	13.98	14.00	14.05	14.01
	1RB-Low (0)	1914.3 (26683)	13.67	14.00	14.05	14.01
		1882.5 (26365)	13.90	14.04	14.09	14.05
		1850.7 (26047)	13.79	14.02	14.07	14.03
	3RB-High (3)	1914.3 (26683)	13.78	13.85	13.90	13.86
		1882.5 (26365)	13.87	13.97	14.02	13.98
		1850.7 (26047)	13.97	13.93	13.98	13.94
	3RB-Middle (1)	1914.3 (26683)	13.64	13.81	13.86	13.82
		1882.5 (26365)	13.91	14.00	14.05	14.01
		1850.7 (26047)	13.95	13.95	14.00	13.96
	3RB-Low (0)	1914.3 (26683)	13.86	13.77	13.82	13.78
		1882.5 (26365)	13.91	14.03	14.08	14.04
		1850.7 (26047)	13.93	14.07	14.12	14.08
	6RB (0)	1914.3 (26683)	13.74	13.84	13.89	13.85
		1882.5 (26365)	13.89	13.99	14.04	14.00
		1850.7 (26047)	13.91	14.01	14.06	14.02
3MHz	1RB-High (14)	1913.5 (26675)	13.69	14.06	14.11	14.07
		1882.5 (26365)	13.74	14.02	14.07	14.03
		1851.5 (26055)	13.81	14.05	14.10	14.06
	1RB-Middle (7)	1913.5 (26675)	13.76	14.03	14.08	14.04
		1882.5 (26365)	13.94	14.00	14.05	14.01
		1851.5 (26055)	13.87	14.00	14.05	14.01
	1RB-Low (0)	1913.5 (26675)	13.74	14.01	14.06	14.02
		1882.5 (26365)	13.76	14.01	14.06	14.02
		1851.5 (26055)	13.87	14.06	14.11	14.07
	8RB-High (7)	1913.5 (26675)	13.76	13.88	13.93	13.89
		1882.5 (26365)	13.90	13.99	14.04	14.00
		1851.5 (26055)	13.94	13.95	14.00	13.96
	8RB-Middle (4)	1913.5 (26675)	13.75	13.91	13.96	13.92
		1882.5 (26365)	13.94	14.05	14.10	14.06
		1851.5 (26055)	13.97	14.03	14.08	14.04
	8RB-Low (0)	1913.5 (26675)	13.80	13.89	13.94	13.90
		1882.5 (26365)	13.88	13.90	13.95	13.91
		1851.5 (26055)	13.99	14.02	14.07	14.03
	15RB (0)	1913.5 (26675)	13.72	13.79	13.84	13.80
		1882.5 (26365)	13.82	13.90	13.95	13.91
		1851.5 (26055)	13.96	13.95	14.00	13.96

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5MHz	1RB-High (24)	1912.5 (26665)	13.75	13.88	13.93	13.89
		1882.5 (26365)	13.86	13.98	14.03	13.99
		1852.5 (26065)	13.88	13.93	13.98	13.94
	1RB-Middle (12)	1912.5 (26665)	13.77	14.08	14.13	14.09
		1882.5 (26365)	13.90	14.06	14.11	14.07
		1852.5 (26065)	13.99	14.02	14.07	14.03
	1RB-Low (0)	1912.5 (26665)	13.66	14.01	14.06	14.02
		1882.5 (26365)	13.77	14.03	14.08	14.04
		1852.5 (26065)	13.80	14.05	14.10	14.06
	12RB-High (13)	1912.5 (26665)	13.80	13.83	13.88	13.84
		1882.5 (26365)	13.88	13.95	14.00	13.96
		1852.5 (26065)	13.97	13.98	14.03	13.99
	12RB-Middle (6)	1912.5 (26665)	13.82	13.84	13.89	13.85
		1882.5 (26365)	13.93	13.90	13.95	13.91
		1852.5 (26065)	13.94	14.06	14.11	14.07
	12RB-Low (0)	1912.5 (26665)	13.72	13.74	13.79	13.75
		1882.5 (26365)	13.87	13.90	13.95	13.91
		1852.5 (26065)	13.90	14.05	14.10	14.06
	25RB (0)	1912.5 (26665)	13.71	13.75	13.80	13.76
		1882.5 (26365)	13.84	13.90	13.95	13.91
		1852.5 (26065)	13.93	13.94	13.99	13.95
10MHz	1RB-High (49)	1910 (26640)	13.70	13.98	14.03	13.99
		1882.5 (26365)	13.82	14.01	14.06	14.02
		1855 (26090)	13.97	14.06	14.11	14.07
	1RB-Middle (24)	1910 (26640)	13.76	14.04	14.09	14.05
		1882.5 (26365)	13.97	14.05	14.10	14.06
		1855 (26090)	13.89	14.06	14.11	14.07
	1RB-Low (0)	1910 (26640)	13.78	14.02	14.07	14.03
		1882.5 (26365)	13.91	14.01	14.06	14.02
		1855 (26090)	13.98	14.02	14.07	14.03
	25RB-High (25)	1910 (26640)	13.81	13.87	13.92	13.88
		1882.5 (26365)	13.92	13.92	13.97	13.93
		1855 (26090)	13.96	13.95	14.00	13.96
	25RB-Middle (12)	1910 (26640)	13.87	13.81	13.86	13.82
		1882.5 (26365)	13.86	13.93	13.98	13.94
		1855 (26090)	14.02	14.05	14.10	14.06
	25RB-Low (0)	1910 (26640)	13.87	13.83	13.88	13.84
		1882.5 (26365)	13.89	13.97	14.02	13.98
		1855 (26090)	13.84	13.96	14.01	13.97
	50RB (0)	1910 (26640)	13.86	13.77	13.82	13.78
		1882.5 (26365)	13.88	13.90	13.95	13.91
		1855 (26090)	13.96	13.96	14.01	13.97

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15MHz	1RB-High (74)	1907.5 (26615)	13.55	13.89	13.94	13.90
		1882.5 (26365)	13.57	13.81	13.86	13.82
		1857.5 (26115)	13.77	14.12	14.17	14.13
	1RB-Middle (37)	1907.5 (26615)	13.61	13.88	13.93	13.89
		1882.5 (26365)	13.64	13.92	13.97	13.93
		1857.5 (26115)	13.58	14.07	14.12	14.08
	1RB-Low (0)	1907.5 (26615)	13.59	13.80	13.85	13.81
		1882.5 (26365)	13.71	14.05	14.10	14.06
		1857.5 (26115)	13.70	13.88	13.93	13.89
	36RB-High (38)	1907.5 (26615)	13.68	13.67	13.72	13.68
		1882.5 (26365)	13.80	13.81	13.86	13.82
		1857.5 (26115)	13.84	13.86	13.91	13.87
	36RB-Middle (19)	1907.5 (26615)	13.66	13.67	13.72	13.68
		1882.5 (26365)	13.72	13.73	13.78	13.74
		1857.5 (26115)	13.86	13.77	13.82	13.78
	36RB-Low (0)	1907.5 (26615)	13.70	13.66	13.71	13.67
		1882.5 (26365)	13.76	13.75	13.80	13.76
		1857.5 (26115)	13.76	13.83	13.88	13.84
	75RB (0)	1907.5 (26615)	13.60	13.59	13.64	13.60
		1882.5 (26365)	13.79	13.71	13.76	13.72
		1857.5 (26115)	13.85	13.85	13.90	13.86
20MHz	1RB-High (99)	1905 (26590)	13.51	13.97	14.02	13.98
		1882.5 (26365)	13.77	13.94	13.99	13.95
		1860 (26140)	13.47	13.87	13.92	13.88
	1RB-Middle (50)	1905 (26590)	13.60	14.02	14.07	14.03
		1882.5 (26365)	13.73	13.98	14.03	13.99
		1860 (26140)	13.76	13.92	13.97	13.93
	1RB-Low (0)	1905 (26590)	13.56	14.07	14.12	14.08
		1882.5 (26365)	13.66	13.97	14.02	13.98
		1860 (26140)	13.72	13.99	14.04	14.00
	50RB-High (50)	1905 (26590)	13.76	13.74	13.79	13.75
		1882.5 (26365)	13.84	13.84	13.89	13.85
		1860 (26140)	13.85	13.87	13.92	13.88
	50RB-Middle (25)	1905 (26590)	13.64	13.60	13.65	13.61
		1882.5 (26365)	13.72	13.73	13.78	13.74
		1860 (26140)	13.84	13.85	13.90	13.86
	50RB-Low (0)	1905 (26590)	13.71	13.73	13.78	13.74
		1882.5 (26365)	13.79	13.82	13.87	13.83
		1860 (26140)	13.78	13.87	13.92	13.88
	100RB (0)	1905 (26590)	13.68	13.63	13.68	13.64
		1882.5 (26365)	13.77	13.72	13.77	13.73
		1860 (26140)	13.86	13.89	13.94	13.90

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LTE Band26(ANT0 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	25.05	24.38	23.49	20.20
		831.5 (26865)	24.99	24.37	23.44	20.16
		814.7 (26697)	25.09	24.38	23.26	20.00
	1RB-Middle (3)	848.3 (27033)	25.11	24.55	23.31	20.04
		831.5 (26865)	25.03	24.41	23.40	20.12
		814.7 (26697)	25.16	24.25	23.45	20.16
	1RB-Low (0)	848.3 (27033)	25.06	24.32	23.26	20.00
		831.5 (26865)	24.97	24.37	23.27	20.01
		814.7 (26697)	25.10	24.52	23.34	20.07
	3RB-High (3)	848.3 (27033)	25.15	24.21	23.20	19.95
		831.5 (26865)	24.94	24.31	23.28	20.02
		814.7 (26697)	25.11	24.28	23.31	20.04
	3RB-Middle (1)	848.3 (27033)	25.15	24.13	23.26	20.00
		831.5 (26865)	25.24	24.32	23.34	20.07
		814.7 (26697)	25.08	24.41	23.31	20.04
	3RB-Low (0)	848.3 (27033)	25.11	24.25	23.23	19.98
		831.5 (26865)	24.99	24.23	23.28	20.02
		814.7 (26697)	25.16	24.30	23.33	20.06
	6RB (0)	848.3 (27033)	24.10	23.15	22.23	20.09
		831.5 (26865)	24.06	23.15	22.19	20.19
		814.7 (26697)	24.14	23.16	22.08	20.16
3MHz	1RB-High (14)	847.5 (27025)	25.05	24.05	23.44	20.16
		831.5 (26865)	25.10	24.42	23.26	20.00
		815.5 (26705)	25.01	24.52	23.32	20.05
	1RB-Middle (7)	847.5 (27025)	25.13	24.35	23.41	20.13
		831.5 (26865)	25.21	24.54	23.40	20.12
		815.5 (26705)	25.03	24.56	23.27	20.01
	1RB-Low (0)	847.5 (27025)	24.88	24.34	23.36	20.09
		831.5 (26865)	25.04	24.45	23.40	20.12
		815.5 (26705)	25.01	24.54	23.22	19.97
	8RB-High (7)	847.5 (27025)	24.19	23.26	22.17	20.14
		831.5 (26865)	24.22	23.28	22.28	20.24
		815.5 (26705)	24.21	23.29	22.20	20.16
	8RB-Middle (4)	847.5 (27025)	24.10	23.24	22.30	20.26
		831.5 (26865)	24.19	23.37	22.32	20.27
		815.5 (26705)	24.32	23.32	22.25	20.21
	8RB-Low (0)	847.5 (27025)	24.15	23.20	22.13	20.10
		831.5 (26865)	24.16	23.28	22.15	20.12
		815.5 (26705)	24.23	23.19	22.29	20.25
	15RB (0)	847.5 (27025)	24.07	23.20	22.25	20.21
		831.5 (26865)	24.14	23.17	22.14	20.11
		815.5 (26705)	24.17	23.16	22.14	20.11

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5MHz	1RB-High (24)	846.5 (27015)	25.00	24.55	23.28	20.02
		831.5 (26865)	25.22	24.59	23.43	20.15
		816.5 (26715)	25.20	24.36	23.33	20.06
	1RB-Middle (12)	846.5 (27015)	25.12	24.44	23.29	20.03
		831.5 (26865)	25.23	24.37	23.38	20.10
		816.5 (26715)	25.15	24.28	23.44	20.16
	1RB-Low (0)	846.5 (27015)	25.12	24.47	23.30	20.04
		831.5 (26865)	25.23	24.29	23.15	19.91
		816.5 (26715)	25.08	24.40	23.34	20.07
	12RB-High (13)	846.5 (27015)	24.20	23.20	22.09	20.06
		831.5 (26865)	24.24	23.30	22.29	20.25
		816.5 (26715)	24.18	23.20	22.13	20.10
	12RB-Middle (6)	846.5 (27015)	24.22	23.21	22.20	20.16
		831.5 (26865)	24.16	23.24	22.25	20.21
		816.5 (26715)	24.17	23.21	22.23	20.19
	12RB-Low (0)	846.5 (27015)	24.08	23.13	22.16	20.13
		831.5 (26865)	24.18	23.27	22.11	20.08
		816.5 (26715)	24.17	23.19	22.09	20.06
	25RB (0)	846.5 (27015)	24.13	23.11	22.16	20.13
		831.5 (26865)	24.14	23.18	22.09	20.06
		816.5 (26715)	24.18	23.18	22.19	20.16
10MHz	1RB-High (49)	844 (26990)	25.05	24.47	23.23	19.98
		831.5 (26865)	25.14	24.57	23.25	19.99
		820 (26750)	24.77	24.50	23.13	19.89
	1RB-Middle (24)	844 (26990)	25.21	24.46	23.36	20.09
		831.5 (26865)	24.99	24.44	23.43	20.15
		820 (26750)	24.74	24.33	23.52	20.22
	1RB-Low (0)	844 (26990)	25.22	24.34	23.51	20.22
		831.5 (26865)	25.20	24.31	23.23	19.98
		820 (26750)	24.69	24.36	23.58	20.28
	25RB-High (25)	844 (26990)	24.17	23.20	22.13	20.10
		831.5 (26865)	24.22	23.24	22.23	20.19
		820 (26750)	24.29	23.21	22.19	20.16
	25RB-Middle (12)	844 (26990)	24.11	23.11	22.23	20.19
		831.5 (26865)	24.10	23.20	22.13	20.10
		820 (26750)	24.27	23.29	22.27	20.23
	25RB-Low (0)	844 (26990)	24.12	23.17	22.14	20.11
		831.5 (26865)	24.14	23.24	22.14	20.11
		820 (26750)	24.15	23.21	22.15	20.12
	50RB (0)	844 (26990)	24.08	23.10	22.21	20.17
		831.5 (26865)	24.12	23.20	22.20	20.16
		820 (26750)	23.88	23.23	22.21	20.17

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15MHz	1RB-High (74)	841.5 (26965)	24.84	23.91	23.01	19.79
		831.5 (26865)	24.87	24.18	23.03	19.80
		822.5 (26775)	24.87	24.13	22.99	19.77
	1RB-Middle (37)	841.5 (26965)	25.06	24.33	23.41	20.13
		831.5 (26865)	24.53	24.37	23.09	19.85
		822.5 (26775)	24.96	24.58	23.55	20.25
	1RB-Low (0)	841.5 (26965)	24.95	24.41	23.28	20.02
		831.5 (26865)	25.02	24.24	23.30	20.04
		822.5 (26775)	24.89	24.58	23.21	19.96
	36RB-High (38)	841.5 (26965)	23.99	23.01	22.09	20.06
		831.5 (26865)	24.09	23.17	22.06	20.04
		822.5 (26775)	24.04	23.06	22.07	20.05
	36RB-Middle (19)	841.5 (26965)	24.02	23.13	22.06	20.04
		831.5 (26865)	24.02	23.00	22.06	20.04
		822.5 (26775)	24.08	23.06	22.06	20.04
	36RB-Low (0)	841.5 (26965)	24.01	23.06	22.00	19.98
		831.5 (26865)	24.07	23.05	22.05	20.03
		822.5 (26775)	24.06	22.98	22.05	20.03
	75RB (0)	841.5 (26965)	24.08	23.15	22.06	20.04
		831.5 (26865)	23.95	23.04	22.09	20.06
		822.5 (26775)	24.08	22.98	22.09	20.06

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LTE Band26(ANT0 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	16.15	16.35	16.46	16.34
		831.5 (26865)	16.24	16.46	16.55	16.43
		814.7 (26697)	16.25	16.32	16.55	16.43
	1RB-Middle (3)	848.3 (27033)	16.24	16.26	16.50	16.38
		831.5 (26865)	16.27	16.32	16.50	16.38
		814.7 (26697)	16.24	16.34	16.51	16.39
	1RB-Low (0)	848.3 (27033)	16.16	16.37	16.36	16.24
		831.5 (26865)	16.08	16.40	16.47	16.35
		814.7 (26697)	16.20	16.31	16.39	16.27
	3RB-High (3)	848.3 (27033)	16.24	16.21	16.41	16.29
		831.5 (26865)	16.26	16.30	16.52	16.40
		814.7 (26697)	16.23	16.30	16.52	16.40
	3RB-Middle (1)	848.3 (27033)	16.31	16.22	16.39	16.26
		831.5 (26865)	16.24	16.31	16.52	16.40
		814.7 (26697)	16.24	16.29	16.49	16.37
	3RB-Low (0)	848.3 (27033)	16.22	16.17	16.43	16.31
		831.5 (26865)	16.14	16.19	16.44	16.32
		814.7 (26697)	16.25	16.25	16.37	16.25
	6RB (0)	848.3 (27033)	16.28	16.17	16.43	16.31
		831.5 (26865)	16.24	16.15	16.48	16.36
		814.7 (26697)	16.24	16.21	16.39	16.27
3MHz	1RB-High (14)	847.5 (27025)	16.19	16.35	16.64	16.52
		831.5 (26865)	16.30	16.30	16.42	16.30
		815.5 (26705)	16.17	16.45	16.56	16.44
	1RB-Middle (7)	847.5 (27025)	16.20	16.33	16.50	16.38
		831.5 (26865)	16.24	16.43	16.67	16.54
		815.5 (26705)	16.38	16.36	16.57	16.45
	1RB-Low (0)	847.5 (27025)	16.20	16.34	16.59	16.47
		831.5 (26865)	16.19	16.34	16.44	16.32
		815.5 (26705)	16.18	16.20	16.74	16.61
	8RB-High (7)	847.5 (27025)	16.22	16.17	16.39	16.26
		831.5 (26865)	16.30	16.25	16.44	16.32
		815.5 (26705)	16.31	16.22	16.49	16.37
	8RB-Middle (4)	847.5 (27025)	16.24	16.18	16.44	16.32
		831.5 (26865)	16.35	16.30	16.52	16.40
		815.5 (26705)	16.37	16.20	16.50	16.37
	8RB-Low (0)	847.5 (27025)	16.20	16.07	16.36	16.24
		831.5 (26865)	16.29	16.17	16.40	16.28
		815.5 (26705)	16.26	16.27	16.37	16.25
	15RB (0)	847.5 (27025)	16.24	16.10	16.38	16.26
		831.5 (26865)	16.24	16.14	16.35	16.23
		815.5 (26705)	16.22	16.09	16.33	16.20

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5MHz	1RB-High (24)	846.5 (27015)	16.18	16.41	16.68	16.55
		831.5 (26865)	16.30	16.30	16.41	16.29
		816.5 (26715)	16.31	16.30	16.61	16.49
	1RB-Middle (12)	846.5 (27015)	16.34	16.32	16.68	16.56
		831.5 (26865)	16.35	16.33	16.55	16.43
		816.5 (26715)	16.33	16.36	16.52	16.40
	1RB-Low (0)	846.5 (27015)	16.19	16.41	16.42	16.30
		831.5 (26865)	16.14	16.28	16.53	16.41
		816.5 (26715)	16.15	16.34	16.33	16.20
	12RB-High (13)	846.5 (27015)	16.26	16.18	16.44	16.32
		831.5 (26865)	16.30	16.22	16.44	16.32
		816.5 (26715)	16.27	16.17	16.48	16.36
	12RB-Middle (6)	846.5 (27015)	16.30	16.07	16.46	16.34
		831.5 (26865)	16.24	16.08	16.42	16.30
		816.5 (26715)	16.32	16.31	16.44	16.32
	12RB-Low (0)	846.5 (27015)	16.17	16.12	16.35	16.23
		831.5 (26865)	16.24	16.16	16.33	16.20
		816.5 (26715)	16.23	16.20	16.42	16.30
	25RB (0)	846.5 (27015)	16.29	16.17	16.43	16.31
		831.5 (26865)	16.18	16.07	16.35	16.23
		816.5 (26715)	16.25	16.13	16.44	16.32
10MHz	1RB-High (49)	844 (26990)	16.29	16.46	16.49	16.37
		831.5 (26865)	16.10	16.38	16.53	16.41
		820 (26750)	16.13	16.40	16.37	16.25
	1RB-Middle (24)	844 (26990)	16.24	16.44	16.54	16.42
		831.5 (26865)	16.31	16.22	16.51	16.39
		820 (26750)	16.17	16.30	16.69	16.57
	1RB-Low (0)	844 (26990)	16.34	16.41	16.56	16.44
		831.5 (26865)	16.24	16.45	16.61	16.49
		820 (26750)	16.19	16.43	16.73	16.60
	25RB-High (25)	844 (26990)	16.24	16.16	16.45	16.33
		831.5 (26865)	16.23	16.20	16.50	16.37
		820 (26750)	16.29	16.23	16.50	16.37
	25RB-Middle (12)	844 (26990)	16.28	16.04	16.39	16.26
		831.5 (26865)	16.27	16.12	16.43	16.31
		820 (26750)	16.33	16.17	16.50	16.38
	25RB-Low (0)	844 (26990)	16.18	16.10	16.35	16.23
		831.5 (26865)	16.27	16.18	16.46	16.34
		820 (26750)	16.26	16.14	16.40	16.28
	50RB (0)	844 (26990)	16.24	16.11	16.35	16.23
		831.5 (26865)	16.30	16.10	16.39	16.26
		820 (26750)	16.29	16.17	16.42	16.30

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15MHz	1RB-High (74)	841.5 (26965)	15.91	16.13	16.33	16.20
		831.5 (26865)	16.03	16.09	16.08	16.18
		822.5 (26775)	15.87	16.17	16.35	16.30
	1RB-Middle (37)	841.5 (26965)	16.10	16.42	16.29	16.15
		831.5 (26865)	16.15	16.12	16.37	16.18
		822.5 (26775)	16.11	16.18	16.23	16.32
	1RB-Low (0)	841.5 (26965)	16.12	16.69	16.57	16.20
		831.5 (26865)	16.17	16.11	16.23	16.23
		822.5 (26775)	16.18	16.17	16.64	16.12
	36RB-High (38)	841.5 (26965)	16.14	16.07	16.22	16.11
		831.5 (26865)	16.15	16.17	16.20	16.20
		822.5 (26775)	16.18	16.23	16.23	16.19
	36RB-Middle (19)	841.5 (26965)	16.12	16.09	16.12	16.15
		831.5 (26865)	16.09	16.13	16.16	16.22
		822.5 (26775)	16.17	16.22	16.22	16.20
	36RB-Low (0)	841.5 (26965)	16.08	16.23	16.17	16.18
		831.5 (26865)	16.12	16.14	16.26	16.20
		822.5 (26775)	16.10	16.15	16.21	16.21
	75RB (0)	841.5 (26965)	16.10	16.19	16.22	16.20
		831.5 (26865)	16.04	16.22	16.19	16.20
		822.5 (26775)	16.16	16.25	16.21	16.24

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LTE Band26(ANT1 DSI 1/2/5/12/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	24.17	23.52	22.48	19.32
		831.5 (26865)	24.03	23.44	22.43	19.28
		814.7 (26697)	24.23	23.71	22.31	19.18
	1RB-Middle (3)	848.3 (27033)	24.22	23.67	22.62	19.44
		831.5 (26865)	24.09	23.64	22.52	19.36
		814.7 (26697)	24.25	23.58	22.37	19.23
	1RB-Low (0)	848.3 (27033)	24.23	23.80	22.36	19.22
		831.5 (26865)	24.07	23.56	22.37	19.23
		814.7 (26697)	24.24	23.56	22.42	19.27
	3RB-High (3)	848.3 (27033)	24.23	23.48	22.29	19.16
		831.5 (26865)	24.00	23.43	22.36	19.22
		814.7 (26697)	24.22	23.35	22.42	19.27
	3RB-Middle (1)	848.3 (27033)	24.24	23.43	22.28	19.15
		831.5 (26865)	24.29	23.34	22.33	19.20
		814.7 (26697)	24.35	23.36	22.42	19.27
	3RB-Low (0)	848.3 (27033)	24.19	23.44	22.37	19.23
		831.5 (26865)	24.04	23.32	22.36	19.22
		814.7 (26697)	24.28	23.40	22.58	19.41
	6RB (0)	848.3 (27033)	23.26	22.32	21.36	19.31
		831.5 (26865)	23.15	22.32	21.34	19.29
		814.7 (26697)	23.25	22.34	21.33	19.29
3MHz	1RB-High (14)	847.5 (27025)	24.19	23.62	22.55	19.38
		831.5 (26865)	24.15	23.58	22.62	19.44
		815.5 (26705)	24.26	23.64	22.72	19.53
	1RB-Middle (7)	847.5 (27025)	24.21	23.63	22.45	19.30
		831.5 (26865)	24.28	23.76	22.61	19.44
		815.5 (26705)	24.44	23.76	22.59	19.42
	1RB-Low (0)	847.5 (27025)	24.12	23.58	22.36	19.22
		831.5 (26865)	24.22	23.69	22.27	19.14
		815.5 (26705)	24.14	23.63	22.47	19.32
	8RB-High (7)	847.5 (27025)	23.23	22.34	21.33	19.29
		831.5 (26865)	23.37	22.43	21.40	19.35
		815.5 (26705)	23.31	22.36	21.40	19.35
	8RB-Middle (4)	847.5 (27025)	23.27	22.42	21.33	19.29
		831.5 (26865)	23.38	22.48	21.37	19.32
		815.5 (26705)	23.44	22.44	21.37	19.32
	8RB-Low (0)	847.5 (27025)	23.24	22.29	21.25	19.22
		831.5 (26865)	23.33	22.36	21.28	19.24
		815.5 (26705)	23.27	22.46	21.42	19.36
	15RB (0)	847.5 (27025)	23.22	22.33	21.34	19.29
		831.5 (26865)	23.25	22.29	21.29	19.25
		815.5 (26705)	23.27	22.34	21.35	19.30

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5MHz	1RB-High (24)	846.5 (27015)	24.15	23.55	22.46	19.31
		831.5 (26865)	24.35	23.58	22.67	19.49
		816.5 (26715)	24.01	23.51	22.36	19.22
	1RB-Middle (12)	846.5 (27015)	24.31	23.68	22.60	19.43
		831.5 (26865)	24.34	23.59	22.69	19.50
		816.5 (26715)	24.18	23.56	22.53	19.37
	1RB-Low (0)	846.5 (27015)	24.30	23.67	22.51	19.35
		831.5 (26865)	24.23	23.48	22.60	19.43
		816.5 (26715)	24.21	23.44	22.55	19.38
	12RB-High (13)	846.5 (27015)	23.34	22.34	21.36	19.31
		831.5 (26865)	23.30	22.37	21.33	19.29
		816.5 (26715)	23.28	22.36	21.37	19.32
	12RB-Middle (6)	846.5 (27015)	23.37	22.42	21.32	19.28
		831.5 (26865)	23.34	22.32	21.28	19.24
		816.5 (26715)	23.33	22.37	21.43	19.37
	12RB-Low (0)	846.5 (27015)	23.31	22.19	21.26	19.23
		831.5 (26865)	23.23	22.29	21.26	19.23
		816.5 (26715)	23.20	22.27	21.31	19.27
	25RB (0)	846.5 (27015)	23.35	22.34	21.28	19.24
		831.5 (26865)	23.25	22.26	21.26	19.23
		816.5 (26715)	23.27	22.37	21.33	19.29
10MHz	1RB-High (49)	844 (26990)	24.34	23.64	22.38	19.24
		831.5 (26865)	24.18	23.87	22.70	19.51
		820 (26750)	24.31	23.53	22.35	19.21
	1RB-Middle (24)	844 (26990)	24.19	23.58	22.47	19.32
		831.5 (26865)	24.34	23.42	22.59	19.42
		820 (26750)	24.21	23.58	22.53	19.37
	1RB-Low (0)	844 (26990)	24.27	23.83	22.40	19.26
		831.5 (26865)	24.19	23.67	22.50	19.34
		820 (26750)	24.35	23.66	22.42	19.27
	25RB-High (25)	844 (26990)	23.33	22.30	21.32	19.28
		831.5 (26865)	23.30	22.36	21.37	19.32
		820 (26750)	23.31	22.42	21.35	19.30
	25RB-Middle (12)	844 (26990)	23.35	22.27	21.34	19.29
		831.5 (26865)	23.30	22.32	21.30	19.26
		820 (26750)	23.30	22.31	21.37	19.32
	25RB-Low (0)	844 (26990)	23.27	22.32	21.29	19.25
		831.5 (26865)	23.31	22.34	21.33	19.29
		820 (26750)	23.25	22.29	21.39	19.34
	50RB (0)	844 (26990)	23.23	22.22	21.27	19.23
		831.5 (26865)	23.27	22.30	21.28	19.24
		820 (26750)	22.62	22.31	21.39	19.34

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15MHz	1RB-High (74)	841.5 (26965)	23.88	23.03	22.40	19.26
		831.5 (26865)	24.03	23.17	22.03	18.94
		822.5 (26775)	23.95	23.30	22.37	19.23
	1RB-Middle (37)	841.5 (26965)	23.90	23.18	22.39	19.25
		831.5 (26865)	24.03	23.19	22.28	19.15
		822.5 (26775)	24.09	23.39	22.40	19.26
	1RB-Low (0)	841.5 (26965)	24.08	23.46	22.42	19.27
		831.5 (26865)	24.02	23.42	22.44	19.29
		822.5 (26775)	24.06	23.46	22.21	19.09
	36RB-High (38)	841.5 (26965)	23.09	22.10	21.13	19.11
		831.5 (26865)	23.20	22.23	21.24	19.21
		822.5 (26775)	23.16	22.19	21.12	19.11
	36RB-Middle (19)	841.5 (26965)	23.21	22.26	21.25	19.22
		831.5 (26865)	23.18	22.14	21.22	19.19
		822.5 (26775)	23.13	22.27	21.23	19.20
	36RB-Low (0)	841.5 (26965)	23.16	22.17	21.16	19.14
		831.5 (26865)	23.24	22.22	21.18	19.16
		822.5 (26775)	23.22	22.15	21.20	19.17
	75RB (0)	841.5 (26965)	23.21	22.21	21.20	19.17
		831.5 (26865)	23.11	22.13	21.17	19.15
		822.5 (26775)	23.17	22.20	21.17	19.15

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LTE Band26(ANT1 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	19.09	19.47	19.28	19.25
		831.5 (26865)	19.19	19.60	19.38	19.35
		814.7 (26697)	19.21	19.44	19.38	19.35
	1RB-Middle (3)	848.3 (27033)	19.19	19.37	19.33	19.30
		831.5 (26865)	19.23	19.44	19.33	19.30
		814.7 (26697)	19.20	19.46	19.34	19.31
	1RB-Low (0)	848.3 (27033)	19.10	19.50	19.16	19.13
		831.5 (26865)	19.01	19.53	19.29	19.26
		814.7 (26697)	19.15	19.43	19.20	19.17
	3RB-High (3)	848.3 (27033)	19.19	19.31	19.22	19.19
		831.5 (26865)	19.22	19.41	19.35	19.32
		814.7 (26697)	19.18	19.41	19.35	19.32
	3RB-Middle (1)	848.3 (27033)	19.28	19.32	19.19	19.16
		831.5 (26865)	19.20	19.43	19.35	19.32
		814.7 (26697)	19.19	19.40	19.31	19.28
	3RB-Low (0)	848.3 (27033)	19.17	19.26	19.24	19.21
		831.5 (26865)	19.08	19.28	19.26	19.23
		814.7 (26697)	19.21	19.36	19.17	19.14
	6RB (0)	848.3 (27033)	19.24	19.26	19.24	19.21
		831.5 (26865)	19.20	19.24	19.30	19.27
		814.7 (26697)	19.20	19.31	19.20	19.17
3MHz	1RB-High (14)	847.5 (27025)	19.13	19.48	19.49	19.46
		831.5 (26865)	19.27	19.41	19.23	19.20
		815.5 (26705)	19.11	19.59	19.40	19.37
	1RB-Middle (7)	847.5 (27025)	19.15	19.45	19.33	19.30
		831.5 (26865)	19.19	19.57	19.52	19.49
		815.5 (26705)	19.36	19.49	19.41	19.38
	1RB-Low (0)	847.5 (27025)	19.15	19.46	19.43	19.40
		831.5 (26865)	19.13	19.46	19.25	19.22
		815.5 (26705)	19.12	19.29	19.60	19.57
	8RB-High (7)	847.5 (27025)	19.17	19.26	19.19	19.16
		831.5 (26865)	19.27	19.36	19.26	19.23
		815.5 (26705)	19.28	19.32	19.31	19.28
	8RB-Middle (4)	847.5 (27025)	19.20	19.27	19.26	19.23
		831.5 (26865)	19.32	19.41	19.35	19.32
		815.5 (26705)	19.35	19.29	19.32	19.29
	8RB-Low (0)	847.5 (27025)	19.15	19.14	19.16	19.13
		831.5 (26865)	19.25	19.26	19.21	19.18
		815.5 (26705)	19.22	19.38	19.17	19.14
	15RB (0)	847.5 (27025)	19.20	19.18	19.18	19.15
		831.5 (26865)	19.19	19.23	19.15	19.12
		815.5 (26705)	19.17	19.17	19.12	19.09

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5MHz	1RB-High (24)	846.5 (27015)	19.12	19.55	19.53	19.50
		831.5 (26865)	19.27	19.41	19.22	19.19
		816.5 (26715)	19.28	19.42	19.45	19.42
	1RB-Middle (12)	846.5 (27015)	19.31	19.44	19.54	19.51
		831.5 (26865)	19.33	19.45	19.38	19.35
		816.5 (26715)	19.30	19.49	19.35	19.32
	1RB-Low (0)	846.5 (27015)	19.14	19.54	19.23	19.20
		831.5 (26865)	19.08	19.39	19.36	19.33
		816.5 (26715)	19.09	19.46	19.12	19.09
	12RB-High (13)	846.5 (27015)	19.22	19.27	19.26	19.23
		831.5 (26865)	19.27	19.32	19.25	19.22
		816.5 (26715)	19.23	19.26	19.30	19.27
	12RB-Middle (6)	846.5 (27015)	19.27	19.14	19.28	19.25
		831.5 (26865)	19.20	19.15	19.23	19.20
		816.5 (26715)	19.29	19.43	19.26	19.23
	12RB-Low (0)	846.5 (27015)	19.11	19.20	19.15	19.12
		831.5 (26865)	19.19	19.25	19.12	19.09
		816.5 (26715)	19.18	19.30	19.23	19.20
	25RB (0)	846.5 (27015)	19.25	19.26	19.24	19.21
		831.5 (26865)	19.12	19.14	19.15	19.12
		816.5 (26715)	19.21	19.21	19.26	19.23
10MHz	1RB-High (49)	844 (26990)	19.25	19.60	19.31	19.28
		831.5 (26865)	19.03	19.51	19.36	19.33
		820 (26750)	19.07	19.53	19.17	19.14
	1RB-Middle (24)	844 (26990)	19.19	19.58	19.37	19.34
		831.5 (26865)	19.28	19.32	19.34	19.31
		820 (26750)	19.11	19.41	19.55	19.52
	1RB-Low (0)	844 (26990)	19.31	19.54	19.40	19.37
		831.5 (26865)	19.19	19.59	19.45	19.42
		820 (26750)	19.14	19.57	19.59	19.56
	25RB-High (25)	844 (26990)	19.19	19.25	19.27	19.24
		831.5 (26865)	19.18	19.30	19.32	19.29
		820 (26750)	19.25	19.33	19.32	19.29
	25RB-Middle (12)	844 (26990)	19.24	19.10	19.19	19.16
		831.5 (26865)	19.23	19.20	19.24	19.21
		820 (26750)	19.30	19.26	19.33	19.30
	25RB-Low (0)	844 (26990)	19.12	19.18	19.15	19.12
		831.5 (26865)	19.23	19.27	19.28	19.25
		820 (26750)	19.22	19.22	19.21	19.18
	50RB (0)	844 (26990)	19.19	19.19	19.15	19.12
		831.5 (26865)	19.27	19.18	19.19	19.16
		820 (26750)	19.25	19.26	19.23	19.20

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15MHz	1RB-High (74)	841.5 (26965)	18.90	19.31	19.11	19.08
		831.5 (26865)	18.95	19.27	19.09	19.06
		822.5 (26775)	18.78	19.18	19.23	19.20
	1RB-Middle (37)	841.5 (26965)	18.94	19.29	19.05	19.02
		831.5 (26865)	19.12	19.44	19.09	19.06
		822.5 (26775)	18.94	19.07	19.26	19.23
	1RB-Low (0)	841.5 (26965)	18.92	19.41	19.11	19.08
		831.5 (26865)	18.91	19.24	19.15	19.12
		822.5 (26775)	18.97	19.26	19.02	18.99
	36RB-High (38)	841.5 (26965)	19.10	19.03	19.01	18.98
		831.5 (26865)	19.08	19.12	19.12	19.09
		822.5 (26775)	19.11	19.15	19.10	19.07
	36RB-Middle (19)	841.5 (26965)	18.99	18.92	19.05	19.02
		831.5 (26865)	19.02	19.09	19.14	19.11
		822.5 (26775)	19.11	19.10	19.11	19.08
	36RB-Low (0)	841.5 (26965)	19.12	19.09	19.09	19.06
		831.5 (26865)	19.04	19.07	19.11	19.08
		822.5 (26775)	19.11	19.08	19.13	19.10
	75RB (0)	841.5 (26965)	18.99	19.03	19.12	19.09
		831.5 (26865)	19.04	19.10	19.11	19.08
		822.5 (26775)	19.15	19.11	19.16	19.13

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LTE Band30(ANT4 DSI 1/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	21.74	22.15	21.71	18.69
		2310 (27710)	21.72	22.01	21.72	18.70
		2307.5 (27685)	21.69	22.05	21.78	18.76
	1RB-Middle (12)	2312.5 (27735)	21.83	22.07	21.72	18.70
		2310 (27710)	21.74	22.01	21.72	18.70
		2307.5 (27685)	21.73	22.08	21.80	18.78
	1RB-Low (0)	2312.5 (27735)	21.68	22.03	21.69	18.67
		2310 (27710)	21.64	21.94	21.75	18.73
		2307.5 (27685)	21.59	22.02	21.46	18.83
	12RB-High (13)	2312.5 (27735)	21.79	21.75	20.84	18.84
		2310 (27710)	21.63	21.82	20.81	18.82
		2307.5 (27685)	21.67	21.82	20.82	18.83
	12RB-Middle (6)	2312.5 (27735)	21.75	21.78	20.72	18.74
		2310 (27710)	21.64	21.85	20.59	18.62
		2307.5 (27685)	21.69	21.83	20.69	18.71
	12RB-Low (0)	2312.5 (27735)	21.71	21.70	20.65	18.67
		2310 (27710)	21.63	21.79	20.64	18.66
		2307.5 (27685)	21.57	21.71	20.52	18.56
	25RB (0)	2312.5 (27735)	21.71	21.77	20.69	18.71
		2310 (27710)	21.61	21.69	20.60	18.63
		2307.5 (27685)	21.65	21.66	20.57	18.61
10MHz	1RB-High (49)	2310 (27710)	21.64	22.09	21.74	18.72
	1RB-Middle (24)	2310 (27710)	21.72	22.05	21.97	18.92
	1RB-Low (0)	2310 (27710)	21.61	22.12	21.67	18.86
	25RB-High (25)	2310 (27710)	21.60	21.71	20.62	18.65
	25RB-Middle (12)	2310 (27710)	21.65	21.75	20.78	18.79
	25RB-Low (0)	2310 (27710)	21.63	21.70	20.69	18.71
	50RB (0)	2310 (27710)	21.66	21.68	20.63	18.65

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LTE Band30(ANT4 DSI 2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	23.88	23.20	21.73	18.72
		2310 (27710)	23.75	23.11	21.74	18.73
		2307.5 (27685)	23.83	23.12	21.80	18.79
	1RB-Middle (12)	2312.5 (27735)	23.85	23.31	21.74	18.73
		2310 (27710)	23.97	23.23	21.74	18.73
		2307.5 (27685)	23.91	23.34	21.82	18.81
	1RB-Low (0)	2312.5 (27735)	23.80	23.19	21.71	18.70
		2310 (27710)	23.78	23.26	21.77	18.76
		2307.5 (27685)	23.81	23.03	21.48	18.86
	12RB-High (13)	2312.5 (27735)	22.92	21.91	20.86	18.87
		2310 (27710)	22.89	21.91	20.83	18.85
		2307.5 (27685)	23.01	22.01	20.84	18.86
	12RB-Middle (6)	2312.5 (27735)	22.93	21.93	20.74	18.77
		2310 (27710)	22.91	22.01	20.61	18.65
		2307.5 (27685)	22.93	22.02	20.71	18.74
	12RB-Low (0)	2312.5 (27735)	22.96	21.97	20.67	18.70
		2310 (27710)	22.89	21.95	20.66	18.69
		2307.5 (27685)	22.87	21.99	20.54	18.59
	25RB (0)	2312.5 (27735)	22.89	22.01	20.71	18.74
		2310 (27710)	22.90	21.92	20.62	18.66
		2307.5 (27685)	22.91	21.96	20.59	18.64
10MHz	1RB-High (49)	2310 (27710)	24.04	23.43	21.76	18.75
	1RB-Middle (24)	2310 (27710)	24.10	23.45	21.99	18.95
	1RB-Low (0)	2310 (27710)	24.06	23.44	21.69	18.89
	25RB-High (25)	2310 (27710)	22.91	21.95	20.64	18.68
	25RB-Middle (12)	2310 (27710)	23.05	22.11	20.80	18.82
	25RB-Low (0)	2310 (27710)	23.00	21.99	20.71	18.74
	50RB (0)	2310 (27710)	23.04	21.97	20.65	18.68

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LTE Band30(ANT4 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	15.00	15.56	15.43	15.37
		2310 (27710)	15.01	15.52	15.31	15.25
		2307.5 (27685)	15.03	15.47	15.42	15.36
	1RB-Middle (12)	2312.5 (27735)	15.15	15.46	15.43	15.37
		2310 (27710)	15.10	15.51	15.48	15.42
		2307.5 (27685)	15.08	15.43	15.29	15.27
	1RB-Low (0)	2312.5 (27735)	15.08	15.48	15.57	15.51
		2310 (27710)	14.96	15.37	15.54	15.48
		2307.5 (27685)	14.94	15.34	15.45	15.39
	12RB-High (13)	2312.5 (27735)	15.09	15.14	15.27	15.22
		2310 (27710)	15.00	15.07	15.35	15.29
		2307.5 (27685)	15.05	14.93	15.40	15.34
	12RB-Middle (6)	2312.5 (27735)	15.10	15.15	15.27	15.22
		2310 (27710)	15.05	15.13	15.35	15.29
		2307.5 (27685)	15.07	14.95	15.42	15.36
	12RB-Low (0)	2312.5 (27735)	15.09	15.10	15.21	15.15
		2310 (27710)	14.96	15.02	15.31	15.24
		2307.5 (27685)	14.93	14.83	15.31	15.25
	25RB (0)	2312.5 (27735)	15.09	15.09	15.19	15.13
		2310 (27710)	14.97	15.04	15.33	15.27
		2307.5 (27685)	15.03	15.01	15.38	15.32
10MHz	1RB-High (49)	2310 (27710)	15.02	15.54	15.43	15.45
	1RB-Middle (24)	2310 (27710)	15.10	15.45	15.33	15.23
	1RB-Low (0)	2310 (27710)	14.98	15.38	15.35	15.30
	25RB-High (25)	2310 (27710)	14.99	15.03	15.37	15.34
	25RB-Middle (12)	2310 (27710)	15.01	15.02	15.24	15.28
	25RB-Low (0)	2310 (27710)	14.95	14.96	15.55	15.52
	50RB (0)	2310 (27710)	14.98	15.01	15.38	15.20

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LTE Band30(ANT5 DSI 1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	21.11	21.33	20.68	17.74
		2310 (27710)	21.02	21.16	20.52	17.59
		2307.5 (27685)	21.02	21.58	20.93	17.94
	1RB-Middle (12)	2312.5 (27735)	21.00	21.38	20.73	18.01
		2310 (27710)	21.03	21.37	20.72	18.00
		2307.5 (27685)	20.99	21.47	20.82	18.09
	1RB-Low (0)	2312.5 (27735)	21.05	21.26	20.62	17.91
		2310 (27710)	21.01	21.26	20.62	17.68
		2307.5 (27685)	20.95	21.20	20.56	17.63
	12RB-High (13)	2312.5 (27735)	21.07	21.12	19.75	17.56
		2310 (27710)	20.99	21.10	19.73	17.78
		2307.5 (27685)	21.05	21.08	19.72	17.76
	12RB-Middle (6)	2312.5 (27735)	21.15	21.17	19.80	17.84
		2310 (27710)	21.04	21.08	19.72	17.76
		2307.5 (27685)	21.10	21.06	19.70	17.51
	12RB-Low (0)	2312.5 (27735)	21.06	21.19	19.82	17.62
		2310 (27710)	21.03	21.08	19.72	17.53
		2307.5 (27685)	20.99	21.07	19.71	17.75
	25RB (0)	2312.5 (27735)	21.09	21.15	19.78	17.82
		2310 (27710)	21.08	21.06	19.70	17.74
		2307.5 (27685)	21.08	21.07	19.71	17.75
10MHz	1RB-High (49)	2310 (27710)	21.39	21.64	20.98	17.99
	1RB-Middle (24)	2310 (27710)	21.33	21.48	20.83	17.86
	1RB-Low (0)	2310 (27710)	21.32	21.78	21.12	18.11
	25RB-High (25)	2310 (27710)	21.35	21.31	19.93	17.95
	25RB-Middle (12)	2310 (27710)	21.32	21.34	19.96	17.98
	25RB-Low (0)	2310 (27710)	21.32	21.33	19.95	17.97
	50RB (0)	2310 (27710)	21.34	21.26	19.88	17.91

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LTE Band30(ANT5 DSI 5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	22.92	22.15	21.15	17.94
		2310 (27710)	22.93	22.26	21.25	18.03
		2307.5 (27685)	22.97	22.31	21.30	18.07
	1RB-Middle (12)	2312.5 (27735)	23.10	22.41	21.40	18.15
		2310 (27710)	23.08	22.51	21.49	18.23
		2307.5 (27685)	23.00	22.67	21.64	18.36
	1RB-Low (0)	2312.5 (27735)	23.01	22.27	21.26	18.04
		2310 (27710)	22.98	22.14	21.14	17.93
		2307.5 (27685)	22.85	22.49	21.47	18.22
	12RB-High (13)	2312.5 (27735)	22.09	21.08	20.13	18.08
		2310 (27710)	22.01	21.02	20.07	18.03
		2307.5 (27685)	22.05	21.08	20.13	18.08
	12RB-Middle (6)	2312.5 (27735)	22.13	21.08	20.13	18.08
		2310 (27710)	21.99	21.09	20.14	18.08
		2307.5 (27685)	22.00	21.08	20.13	18.08
	12RB-Low (0)	2312.5 (27735)	22.01	21.15	20.19	18.13
		2310 (27710)	21.98	21.11	20.15	18.10
		2307.5 (27685)	21.95	20.94	19.99	17.96
	25RB (0)	2312.5 (27735)	22.04	21.00	20.05	18.01
		2310 (27710)	21.96	21.01	20.06	18.02
		2307.5 (27685)	21.98	21.06	20.11	18.06
10MHz	1RB-High (49)	2310 (27710)	22.92	22.26	21.25	18.03
	1RB-Middle (24)	2310 (27710)	23.01	22.32	21.31	18.08
	1RB-Low (0)	2310 (27710)	22.92	22.15	21.15	17.94
	25RB-High (25)	2310 (27710)	21.89	21.09	20.14	18.08
	25RB-Middle (12)	2310 (27710)	22.02	21.08	20.13	18.08
	25RB-Low (0)	2310 (27710)	21.90	21.00	20.05	18.01
	50RB (0)	2310 (27710)	22.03	21.10	20.15	18.09

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LTE Band30(ANT5 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	12.08	12.40	12.08	11.86
		2310 (27710)	12.01	12.45	12.13	11.91
		2307.5 (27685)	11.96	12.55	12.22	12.00
	1RB-Middle (12)	2312.5 (27735)	12.15	12.53	12.32	11.99
		2310 (27710)	12.12	12.52	12.31	11.98
		2307.5 (27685)	12.07	12.53	12.32	11.99
	1RB-Low (0)	2312.5 (27735)	12.12	12.56	12.35	12.01
		2310 (27710)	12.08	12.52	12.19	11.98
		2307.5 (27685)	11.99	12.49	12.16	11.95
	12RB-High (13)	2312.5 (27735)	12.10	12.16	11.84	11.63
		2310 (27710)	12.05	12.08	11.88	11.55
		2307.5 (27685)	12.04	12.21	12.01	11.68
	12RB-Middle (6)	2312.5 (27735)	12.18	12.16	11.96	11.63
		2310 (27710)	12.08	12.19	11.99	11.66
		2307.5 (27685)	12.15	12.17	11.85	11.64
	12RB-Low (0)	2312.5 (27735)	12.09	12.17	11.85	11.64
		2310 (27710)	12.09	12.15	11.83	11.62
		2307.5 (27685)	12.06	12.09	11.89	11.56
	25RB (0)	2312.5 (27735)	12.16	12.20	12.00	11.67
		2310 (27710)	12.09	12.09	11.89	11.56
		2307.5 (27685)	12.09	12.11	11.91	11.58
10MHz	1RB-High (49)	2310 (27710)	12.25	12.69	12.36	12.14
	1RB-Middle (24)	2310 (27710)	12.31	12.65	12.32	12.10
	1RB-Low (0)	2310 (27710)	12.37	12.66	12.45	12.11
	25RB-High (25)	2310 (27710)	12.38	12.26	12.06	11.73
	25RB-Middle (12)	2310 (27710)	12.26	12.32	12.12	11.78
	25RB-Low (0)	2310 (27710)	12.34	12.20	12.00	11.67
	50RB (0)	2310 (27710)	12.26	12.32	12.00	11.78

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LTE Band38(ANT2 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	24.25	24.09	23.06	19.89
		2595 (38000)	24.08	24.03	23.24	20.05
		2572.5 (37775)	24.07	24.10	23.06	19.89
	1RB-Middle (12)	2617.5 (38225)	24.28	24.41	23.15	19.96
		2595 (38000)	24.23	24.43	23.13	19.95
		2572.5 (37775)	24.10	24.26	23.11	19.93
	1RB-Low (0)	2617.5 (38225)	24.19	24.22	23.18	20.00
		2595 (38000)	24.16	24.12	23.04	19.87
		2572.5 (37775)	23.94	24.07	22.99	19.83
	12RB-High (13)	2617.5 (38225)	24.25	23.37	22.01	19.93
		2595 (38000)	24.17	23.24	21.99	19.92
		2572.5 (37775)	24.14	23.30	21.97	19.90
	12RB-Middle (6)	2617.5 (38225)	24.28	23.34	22.03	19.95
		2595 (38000)	24.14	23.22	21.92	19.86
		2572.5 (37775)	24.13	23.29	21.95	19.88
	12RB-Low (0)	2617.5 (38225)	24.18	23.33	21.98	19.91
		2595 (38000)	24.14	23.23	21.96	19.89
		2572.5 (37775)	24.09	23.18	21.92	19.86
	25RB (0)	2617.5 (38225)	24.23	23.32	22.00	19.92
		2595 (38000)	24.09	23.26	21.89	19.83
		2572.5 (37775)	24.11	23.22	21.97	19.90
10MHz	1RB-High (49)	2615 (38200)	24.16	24.35	23.11	19.93
		2595 (38000)	24.09	24.35	23.29	20.09
		2575 (37800)	24.04	24.23	23.11	19.93
	1RB-Middle (24)	2615 (38200)	24.16	24.26	23.20	20.00
		2595 (38000)	24.20	24.18	23.18	19.99
		2575 (37800)	24.07	24.02	23.16	19.97
	1RB-Low (0)	2615 (38200)	24.16	24.46	23.23	20.04
		2595 (38000)	24.14	24.26	23.09	19.91
		2575 (37800)	24.08	24.06	23.04	19.87
	25RB-High (25)	2615 (38200)	24.22	23.34	22.05	19.97
		2595 (38000)	24.21	23.34	22.03	19.96
		2575 (37800)	24.17	23.24	22.01	19.94
	25RB-Middle (12)	2615 (38200)	24.20	23.29	22.07	19.99
		2595 (38000)	24.16	23.29	21.96	19.90
		2575 (37800)	24.16	23.28	21.99	19.92
	25RB-Low (0)	2615 (38200)	24.19	23.27	22.02	19.95
		2595 (38000)	24.16	23.26	22.00	19.93
		2575 (37800)	24.15	23.30	21.96	19.90
	50RB (0)	2615 (38200)	24.16	23.28	22.04	19.96
		2595 (38000)	24.13	23.25	21.93	19.87
		2575 (37800)	24.16	23.28	22.01	19.94

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15MHz	1RB-High (74)	2612.5 (38175)	23.94	23.94	23.15	19.97
		2595 (38000)	23.89	24.07	23.33	20.13
		2577.5 (37825)	23.83	24.08	23.15	19.97
	1RB-Middle (37)	2612.5 (38175)	24.02	24.19	23.24	20.04
		2595 (38000)	24.01	24.34	23.22	20.03
		2577.5 (37825)	23.97	24.17	23.20	20.01
	1RB-Low (0)	2612.5 (38175)	24.05	24.16	23.27	20.08
		2595 (38000)	23.97	24.25	23.13	19.95
		2577.5 (37825)	24.02	24.05	23.08	19.91
	36RB-High (38)	2612.5 (38175)	24.14	23.19	22.10	20.01
		2595 (38000)	24.08	23.18	22.08	20.00
		2577.5 (37825)	24.06	23.17	22.06	19.98
	36RB-Middle (19)	2612.5 (38175)	24.11	23.23	22.12	20.03
		2595 (38000)	24.00	23.13	22.01	19.94
		2577.5 (37825)	24.05	23.16	22.04	19.96
	36RB-Low (0)	2612.5 (38175)	24.06	23.18	22.07	19.99
		2595 (38000)	24.05	23.18	22.05	19.97
		2577.5 (37825)	23.99	23.11	22.01	19.94
	75RB (0)	2612.5 (38175)	24.13	23.20	22.09	20.00
		2595 (38000)	24.00	23.11	21.98	19.91
		2577.5 (37825)	24.01	23.14	22.06	19.98
20MHz	1RB-High (99)	2610 (38150)	24.00	24.00	23.20	20.01
		2595 (38000)	23.99	24.19	23.38	20.17
		2580 (37850)	24.01	24.00	23.20	20.01
	1RB-Middle (50)	2610 (38150)	23.98	24.09	23.29	20.08
		2595 (38000)	24.00	24.07	23.27	20.07
		2580 (37850)	23.93	24.05	23.25	20.05
	1RB-Low (0)	2610 (38150)	24.03	24.13	23.32	20.12
		2595 (38000)	24.15	23.98	23.18	19.99
		2580 (37850)	24.03	23.93	23.13	19.95
	50RB-High (50)	2610 (38150)	24.09	23.21	22.14	20.05
		2595 (38000)	24.08	23.19	22.12	20.04
		2580 (37850)	24.06	23.17	22.10	20.02
	50RB-Middle (25)	2610 (38150)	24.14	23.23	22.16	20.07
		2595 (38000)	24.03	23.12	22.05	19.98
		2580 (37850)	24.05	23.15	22.08	20.00
	50RB-Low (0)	2610 (38150)	24.06	23.18	22.11	20.03
		2595 (38000)	24.06	23.16	22.09	20.01
		2580 (37850)	24.03	23.12	22.05	19.98
	100RB (0)	2610 (38150)	24.14	23.20	22.13	20.04
		2595 (38000)	24.04	23.09	22.02	19.95
		2580 (37850)	24.06	23.17	22.10	20.02

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LTE Band38(ANT2 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	23.16	23.35	23.34	20.35
		2595 (38000)	23.09	23.29	23.28	20.30
		2572.5 (37775)	23.08	23.08	23.08	20.12
	1RB-Middle (12)	2617.5 (38225)	23.30	23.43	23.42	20.42
		2595 (38000)	23.17	23.36	23.35	20.36
		2572.5 (37775)	23.13	23.27	23.26	20.28
	1RB-Low (0)	2617.5 (38225)	23.19	23.16	23.16	20.18
		2595 (38000)	23.11	23.11	23.11	20.14
		2572.5 (37775)	23.05	23.13	23.13	20.16
	12RB-High (13)	2617.5 (38225)	23.24	23.22	22.32	20.24
		2595 (38000)	23.17	23.22	22.32	20.24
		2572.5 (37775)	23.11	23.11	22.21	20.14
	12RB-Middle (6)	2617.5 (38225)	23.30	23.31	22.40	20.32
		2595 (38000)	23.15	23.19	22.29	20.21
		2572.5 (37775)	23.14	23.11	22.21	20.14
	12RB-Low (0)	2617.5 (38225)	23.18	23.20	22.30	20.22
		2595 (38000)	23.14	23.08	22.18	20.12
		2572.5 (37775)	23.10	23.03	22.13	20.07
	25RB (0)	2617.5 (38225)	23.23	23.26	22.35	20.27
		2595 (38000)	23.12	23.11	22.21	20.14
		2572.5 (37775)	23.11	23.09	22.19	20.12
10MHz	1RB-High (49)	2615 (38200)	23.11	23.31	23.30	20.32
		2595 (38000)	23.16	23.28	23.27	20.29
		2575 (37800)	22.99	23.26	23.25	20.27
	1RB-Middle (24)	2615 (38200)	23.22	23.42	23.41	20.41
		2595 (38000)	23.20	23.29	23.28	20.30
		2575 (37800)	23.12	23.11	23.11	20.14
	1RB-Low (0)	2615 (38200)	23.17	23.39	23.38	20.39
		2595 (38000)	23.20	23.15	23.15	20.18
		2575 (37800)	23.09	23.17	23.17	20.19
	25RB-High (25)	2615 (38200)	23.22	23.26	22.35	20.27
		2595 (38000)	23.21	23.23	22.33	20.25
		2575 (37800)	23.15	23.16	22.26	20.18
	25RB-Middle (12)	2615 (38200)	23.20	23.22	22.32	20.24
		2595 (38000)	23.17	23.19	22.29	20.21
		2575 (37800)	23.19	23.18	22.28	20.20
	25RB-Low (0)	2615 (38200)	23.21	23.13	22.23	20.16
		2595 (38000)	23.14	23.21	22.31	20.23
		2575 (37800)	23.14	23.12	22.22	20.15
	50RB (0)	2615 (38200)	23.18	23.18	22.28	20.20
		2595 (38000)	23.19	23.15	22.25	20.18
		2575 (37800)	23.13	23.18	22.28	20.20

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15MHz	1RB-High (74)	2612.5 (38175)	22.95	23.07	23.07	20.11
		2595 (38000)	22.87	22.98	22.99	20.03
		2577.5 (37825)	22.84	22.81	22.82	19.88
	1RB-Middle (37)	2612.5 (38175)	22.96	23.24	23.24	20.25
		2595 (38000)	22.96	23.18	23.18	20.20
		2577.5 (37825)	22.97	22.98	22.99	20.03
	1RB-Low (0)	2612.5 (38175)	23.00	23.05	23.05	20.09
		2595 (38000)	23.03	23.07	23.07	20.11
		2577.5 (37825)	22.88	23.00	23.00	20.05
	36RB-High (38)	2612.5 (38175)	23.12	23.14	22.24	20.17
		2595 (38000)	23.07	23.09	22.19	20.12
		2577.5 (37825)	23.06	23.06	22.16	20.10
	36RB-Middle (19)	2612.5 (38175)	23.09	23.12	22.22	20.15
		2595 (38000)	23.00	23.00	22.10	20.05
		2577.5 (37825)	23.03	23.08	22.18	20.12
	36RB-Low (0)	2612.5 (38175)	23.05	23.07	22.17	20.11
		2595 (38000)	23.03	23.09	22.19	20.12
		2577.5 (37825)	22.97	23.01	22.11	20.05
	75RB (0)	2612.5 (38175)	23.10	23.11	22.21	20.14
		2595 (38000)	22.99	23.02	22.12	20.06
		2577.5 (37825)	23.04	23.06	22.16	20.10
20MHz	1RB-High (99)	2610 (38150)	22.89	23.10	23.10	20.13
		2595 (38000)	22.93	23.04	23.04	20.08
		2580 (37850)	22.98	23.00	23.00	20.05
	1RB-Middle (50)	2610 (38150)	23.03	23.27	23.26	20.28
		2595 (38000)	23.23	23.36	23.35	20.36
		2580 (37850)	22.97	23.19	23.19	20.21
	1RB-Low (0)	2610 (38150)	23.08	23.10	23.10	20.13
		2595 (38000)	23.29	23.12	23.12	20.15
		2580 (37850)	22.99	23.23	23.23	20.25
	50RB-High (50)	2610 (38150)	23.15	23.13	22.23	20.16
		2595 (38000)	23.11	23.17	22.27	20.19
		2580 (37850)	23.06	23.09	22.19	20.12
	50RB-Middle (25)	2610 (38150)	23.13	23.17	22.27	20.19
		2595 (38000)	23.05	23.07	22.17	20.11
		2580 (37850)	23.11	23.08	22.18	20.12
	50RB-Low (0)	2610 (38150)	23.12	23.12	22.22	20.15
		2595 (38000)	23.09	23.08	22.18	20.12
		2580 (37850)	23.04	23.04	22.14	20.08
	100RB (0)	2610 (38150)	23.12	23.16	22.26	20.18
		2595 (38000)	23.04	23.06	22.16	20.10
		2580 (37850)	23.08	23.07	22.17	20.11

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LTE Band38(ANT2 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	22.68	22.82	22.67	20.17
		2595 (38000)	22.64	22.69	22.55	20.06
		2572.5 (37775)	22.55	22.64	22.50	20.01
	1RB-Middle (12)	2617.5 (38225)	22.79	22.96	22.81	20.30
		2595 (38000)	22.65	22.91	22.76	20.25
		2572.5 (37775)	22.57	22.55	22.42	19.93
	1RB-Low (0)	2617.5 (38225)	22.68	22.65	22.51	20.02
		2595 (38000)	22.59	22.69	22.55	20.06
		2572.5 (37775)	22.49	22.51	22.38	19.90
	12RB-High (13)	2617.5 (38225)	22.76	22.71	21.67	20.07
		2595 (38000)	22.70	22.69	21.65	20.06
		2572.5 (37775)	22.62	22.66	21.62	20.03
	12RB-Middle (6)	2617.5 (38225)	22.77	22.68	21.64	20.05
		2595 (38000)	22.63	22.74	21.70	20.10
		2572.5 (37775)	22.65	22.61	21.57	19.99
	12RB-Low (0)	2617.5 (38225)	22.69	22.59	21.55	19.97
		2595 (38000)	22.62	22.63	21.59	20.00
		2572.5 (37775)	22.60	22.64	21.60	20.01
	25RB (0)	2617.5 (38225)	22.72	22.78	21.73	20.14
		2595 (38000)	22.60	22.62	21.58	19.99
		2572.5 (37775)	22.59	22.62	21.58	19.99
10MHz	1RB-High (49)	2615 (38200)	22.70	22.80	22.65	20.15
		2595 (38000)	22.61	22.66	22.52	20.03
		2575 (37800)	22.58	22.58	22.44	19.96
	1RB-Middle (24)	2615 (38200)	22.72	22.90	22.75	20.24
		2595 (38000)	22.68	22.72	22.58	20.08
		2575 (37800)	22.60	22.65	22.51	20.02
	1RB-Low (0)	2615 (38200)	22.69	22.78	22.63	20.14
		2595 (38000)	22.72	22.73	22.59	20.09
		2575 (37800)	22.57	22.69	22.55	20.06
	25RB-High (25)	2615 (38200)	22.75	22.72	21.68	20.08
		2595 (38000)	22.73	22.73	21.69	20.09
		2575 (37800)	22.68	22.66	21.62	20.03
	25RB-Middle (12)	2615 (38200)	22.71	22.66	21.62	20.03
		2595 (38000)	22.66	22.70	21.66	20.07
		2575 (37800)	22.68	22.69	21.65	20.06
	25RB-Low (0)	2615 (38200)	22.67	22.69	21.65	20.06
		2595 (38000)	22.68	22.73	21.69	20.09
		2575 (37800)	22.68	22.65	21.61	20.02
	50RB (0)	2615 (38200)	22.68	22.67	21.63	20.04
		2595 (38000)	22.62	22.65	21.61	20.02
		2575 (37800)	22.66	22.66	21.62	20.03

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15MHz	1RB-High (74)	2612.5 (38175)	22.56	22.53	22.40	19.92
		2595 (38000)	22.42	22.66	22.52	20.03
		2577.5 (37825)	22.29	22.51	22.38	19.90
	1RB-Middle (37)	2612.5 (38175)	22.50	22.52	22.39	19.91
		2595 (38000)	22.63	22.57	22.43	19.95
		2577.5 (37825)	22.40	22.69	22.55	20.06
	1RB-Low (0)	2612.5 (38175)	22.56	22.56	22.42	19.94
		2595 (38000)	22.44	22.49	22.36	19.88
		2577.5 (37825)	22.55	22.58	22.44	19.96
	36RB-High (38)	2612.5 (38175)	22.63	22.60	21.56	19.98
		2595 (38000)	22.59	22.61	21.57	19.99
		2577.5 (37825)	22.51	22.56	21.52	19.94
	36RB-Middle (19)	2612.5 (38175)	22.62	22.63	21.59	20.00
		2595 (38000)	22.52	22.53	21.50	19.92
		2577.5 (37825)	22.54	22.56	21.52	19.94
	36RB-Low (0)	2612.5 (38175)	22.56	22.58	21.54	19.96
		2595 (38000)	22.54	22.58	21.54	19.96
		2577.5 (37825)	22.48	22.55	21.52	19.93
	75RB (0)	2612.5 (38175)	22.61	22.63	21.59	20.00
		2595 (38000)	22.54	22.52	21.49	19.91
		2577.5 (37825)	22.52	22.52	21.49	19.91
20MHz	1RB-High (99)	2610 (38150)	22.58	22.67	22.53	20.04
		2595 (38000)	22.40	22.47	22.34	19.86
		2580 (37850)	22.52	22.54	22.41	19.92
	1RB-Middle (50)	2610 (38150)	22.49	22.95	22.80	20.29
		2595 (38000)	22.65	22.62	22.48	19.99
		2580 (37850)	22.49	22.54	22.41	19.92
	1RB-Low (0)	2610 (38150)	22.57	22.58	22.44	19.96
		2595 (38000)	22.65	22.66	22.52	20.03
		2580 (37850)	22.46	22.49	22.36	19.88
	50RB-High (50)	2610 (38150)	22.60	22.67	21.63	20.04
		2595 (38000)	22.60	22.59	21.55	19.97
		2580 (37850)	22.58	22.62	21.58	19.99
	50RB-Middle (25)	2610 (38150)	22.64	22.69	21.65	20.06
		2595 (38000)	22.50	22.56	21.52	19.94
		2580 (37850)	22.59	22.58	21.54	19.96
	50RB-Low (0)	2610 (38150)	22.59	22.58	21.54	19.96
		2595 (38000)	22.55	22.55	21.52	19.93
		2580 (37850)	22.51	22.54	21.51	19.92
	100RB (0)	2610 (38150)	22.63	22.64	21.60	20.01
		2595 (38000)	22.52	22.52	21.49	19.91
		2580 (37850)	22.57	22.59	21.55	19.97

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LTE Band38(ANT2 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	14.18	14.29	14.07	14.00
		2595 (38000)	14.03	14.11	13.92	13.85
		2572.5 (37775)	13.99	13.90	13.88	13.81
	1RB-Middle (12)	2617.5 (38225)	14.22	14.21	14.11	14.04
		2595 (38000)	14.07	14.25	13.96	13.89
		2572.5 (37775)	14.15	14.20	14.04	13.97
	1RB-Low (0)	2617.5 (38225)	14.23	14.37	14.12	14.05
		2595 (38000)	14.06	14.30	13.95	13.88
		2572.5 (37775)	13.97	14.10	13.86	13.79
	12RB-High (13)	2617.5 (38225)	14.21	14.23	14.10	14.03
		2595 (38000)	14.16	14.10	14.05	13.98
		2572.5 (37775)	14.07	14.12	13.96	13.89
	12RB-Middle (6)	2617.5 (38225)	14.16	14.13	14.05	13.98
		2595 (38000)	14.19	14.26	14.08	14.01
		2572.5 (37775)	14.13	14.16	14.02	13.95
	12RB-Low (0)	2617.5 (38225)	14.15	14.24	14.04	13.97
		2595 (38000)	14.07	14.05	13.96	13.89
		2572.5 (37775)	14.09	14.04	13.98	13.91
	25RB (0)	2617.5 (38225)	14.19	14.25	14.08	14.01
		2595 (38000)	14.16	14.17	14.05	13.98
		2572.5 (37775)	14.15	14.08	14.04	13.97
10MHz	1RB-High (49)	2615 (38200)	14.11	14.22	14.00	13.93
		2595 (38000)	14.04	14.12	13.93	13.86
		2575 (37800)	14.01	14.07	13.90	13.83
	1RB-Middle (24)	2615 (38200)	14.16	14.23	14.05	13.98
		2595 (38000)	14.12	14.23	14.01	13.94
		2575 (37800)	14.06	14.15	13.95	13.88
	1RB-Low (0)	2615 (38200)	14.17	14.34	14.06	13.99
		2595 (38000)	14.15	14.13	14.04	13.97
		2575 (37800)	14.01	14.01	13.90	13.83
	25RB-High (25)	2615 (38200)	14.20	14.25	14.09	14.02
		2595 (38000)	14.14	14.23	14.03	13.96
		2575 (37800)	14.15	14.09	14.04	13.97
	25RB-Middle (12)	2615 (38200)	14.25	14.29	14.14	14.07
		2595 (38000)	14.19	14.20	14.08	14.01
		2575 (37800)	14.17	14.15	14.06	13.99
	25RB-Low (0)	2615 (38200)	14.17	14.18	14.06	13.99
		2595 (38000)	14.11	14.10	14.00	13.93
		2575 (37800)	14.05	14.01	13.94	13.87
	50RB (0)	2615 (38200)	14.27	14.26	14.16	14.09
		2595 (38000)	14.18	14.20	14.07	14.00
		2575 (37800)	14.17	14.11	14.06	13.99

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15MHz	1RB-High (74)	2612.5 (38175)	13.87	13.95	13.76	13.69
		2595 (38000)	13.94	13.93	13.83	13.76
		2577.5 (37825)	13.81	13.82	13.70	13.63
	1RB-Middle (37)	2612.5 (38175)	14.09	14.20	13.98	13.91
		2595 (38000)	13.93	14.11	13.82	13.75
		2577.5 (37825)	14.11	14.04	14.00	13.93
	1RB-Low (0)	2612.5 (38175)	13.96	14.12	13.85	13.78
		2595 (38000)	13.96	14.14	13.85	13.78
		2577.5 (37825)	13.94	14.03	13.83	13.76
	36RB-High (38)	2612.5 (38175)	14.08	14.07	13.97	13.90
		2595 (38000)	14.03	14.01	13.92	13.85
		2577.5 (37825)	14.03	14.05	13.92	13.85
	36RB-Middle (19)	2612.5 (38175)	14.00	14.00	13.89	13.82
		2595 (38000)	14.06	14.04	13.95	13.88
		2577.5 (37825)	14.01	14.01	13.90	13.83
	36RB-Low (0)	2612.5 (38175)	14.06	14.05	13.95	13.88
		2595 (38000)	14.02	14.00	13.91	13.84
		2577.5 (37825)	13.97	13.97	13.86	13.79
	75RB (0)	2612.5 (38175)	14.04	14.01	13.93	13.86
		2595 (38000)	14.04	14.05	13.93	13.86
		2577.5 (37825)	14.03	14.00	13.92	13.85
20MHz	1RB-High (99)	2610 (38150)	13.78	13.68	13.67	13.60
		2595 (38000)	13.72	13.91	13.61	13.54
		2580 (37850)	13.72	13.80	13.61	13.54
	1RB-Middle (50)	2610 (38150)	13.81	13.90	13.70	13.63
		2595 (38000)	13.83	13.79	13.72	13.65
		2580 (37850)	13.75	13.74	13.64	13.57
	1RB-Low (0)	2610 (38150)	13.90	13.86	13.79	13.72
		2595 (38000)	13.97	13.79	13.86	13.79
		2580 (37850)	13.81	13.88	13.70	13.63
	50RB-High (50)	2610 (38150)	13.88	13.88	13.77	13.70
		2595 (38000)	13.89	13.87	13.78	13.71
		2580 (37850)	13.85	13.89	13.74	13.67
	50RB-Middle (25)	2610 (38150)	13.90	13.96	13.79	13.72
		2595 (38000)	13.95	13.92	13.84	13.77
		2580 (37850)	13.90	13.89	13.79	13.72
	50RB-Low (0)	2610 (38150)	13.86	13.84	13.75	13.68
		2595 (38000)	13.88	13.86	13.77	13.70
		2580 (37850)	13.80	13.81	13.69	13.62
	100RB (0)	2610 (38150)	13.91	13.92	13.80	13.73
		2595 (38000)	13.92	13.92	13.81	13.74
		2580 (37850)	13.91	13.92	13.80	13.73

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LTE Band38(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	21.84	21.91	21.96	20.18
		2595 (38000)	21.61	21.63	21.72	19.96
		2572.5 (37775)	21.55	21.80	21.66	19.91
	1RB-Middle (12)	2617.5 (38225)	21.91	21.79	22.02	20.24
		2595 (38000)	21.67	21.85	21.78	20.02
		2572.5 (37775)	21.80	21.77	21.91	20.14
	1RB-Low (0)	2617.5 (38225)	21.92	21.64	22.03	20.25
		2595 (38000)	21.66	21.93	21.77	20.01
		2572.5 (37775)	21.52	21.62	21.63	19.88
	12RB-High (13)	2617.5 (38225)	21.89	21.82	22.00	20.22
		2595 (38000)	21.81	21.62	21.92	20.15
		2572.5 (37775)	21.67	21.65	21.78	20.02
	12RB-Middle (6)	2617.5 (38225)	21.81	21.66	21.92	20.15
		2595 (38000)	21.86	21.87	21.97	20.19
		2572.5 (37775)	21.77	21.71	21.88	20.11
	12RB-Low (0)	2617.5 (38225)	21.80	21.84	21.91	20.14
		2595 (38000)	21.67	22.04	21.78	20.02
		2572.5 (37775)	21.70	22.02	21.82	20.05
	25RB (0)	2617.5 (38225)	21.86	21.85	21.97	20.19
		2595 (38000)	21.81	21.73	21.92	20.15
		2572.5 (37775)	21.80	22.08	21.91	20.14
10MHz	1RB-High (49)	2615 (38200)	21.74	21.80	21.85	20.08
		2595 (38000)	21.63	21.65	21.74	19.98
		2575 (37800)	21.58	22.07	21.69	19.94
	1RB-Middle (24)	2615 (38200)	21.81	21.82	21.92	20.15
		2595 (38000)	21.75	21.82	21.86	20.09
		2575 (37800)	21.66	21.69	21.77	20.01
	1RB-Low (0)	2615 (38200)	21.83	21.99	21.94	20.16
		2595 (38000)	21.80	21.66	21.91	20.14
		2575 (37800)	21.58	21.98	21.69	19.94
	25RB-High (25)	2615 (38200)	21.87	21.85	21.99	20.21
		2595 (38000)	21.78	21.82	21.89	20.12
		2575 (37800)	21.80	22.10	21.91	20.14
	25RB-Middle (12)	2615 (38200)	21.95	21.91	22.06	20.28
		2595 (38000)	21.86	21.77	21.97	20.19
		2575 (37800)	21.83	21.69	21.94	20.16
	25RB-Low (0)	2615 (38200)	21.83	21.74	21.94	20.16
		2595 (38000)	21.74	21.62	21.85	20.08
		2575 (37800)	21.64	21.98	21.75	19.99
	50RB (0)	2615 (38200)	21.98	21.87	22.09	20.30
		2595 (38000)	21.84	21.77	21.96	20.18
		2575 (37800)	21.83	21.63	21.94	20.16

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15MHz	1RB-High (74)	2612.5 (38175)	21.37	21.88	21.48	19.74
		2595 (38000)	21.47	21.85	21.58	19.83
		2577.5 (37825)	21.27	21.68	21.38	19.65
	1RB-Middle (37)	2612.5 (38175)	21.70	21.77	21.82	20.05
		2595 (38000)	21.46	21.63	21.57	19.82
		2577.5 (37825)	21.74	22.02	21.85	20.08
	1RB-Low (0)	2612.5 (38175)	21.50	21.65	21.61	19.86
		2595 (38000)	21.50	21.68	21.61	19.86
		2577.5 (37825)	21.47	22.01	21.58	19.83
	36RB-High (38)	2612.5 (38175)	21.69	22.07	21.80	20.04
		2595 (38000)	21.61	21.98	21.72	19.96
		2577.5 (37825)	21.61	22.04	21.72	19.96
	36RB-Middle (19)	2612.5 (38175)	21.57	21.96	21.68	19.93
		2595 (38000)	21.66	22.02	21.77	20.01
		2577.5 (37825)	21.58	21.98	21.69	19.94
	36RB-Low (0)	2612.5 (38175)	21.66	22.04	21.77	20.01
		2595 (38000)	21.60	21.96	21.71	19.95
		2577.5 (37825)	21.52	21.91	21.63	19.88
	75RB (0)	2612.5 (38175)	21.63	21.98	21.74	19.98
		2595 (38000)	21.63	22.04	21.74	19.98
		2577.5 (37825)	21.61	21.96	21.72	19.96
20MHz	1RB-High (99)	2610 (38150)	21.50	21.53	21.56	19.82
		2595 (38000)	21.40	21.46	21.42	19.69
		2580 (37850)	21.33	21.40	21.08	19.37
	1RB-Middle (50)	2610 (38150)	21.55	21.64	22.02	20.24
		2595 (38000)	21.52	22.07	21.60	19.85
		2580 (37850)	21.44	21.82	21.44	19.71
	1RB-Low (0)	2610 (38150)	21.59	21.85	21.60	19.85
		2595 (38000)	21.57	21.83	21.63	19.88
		2580 (37850)	21.73	21.73	21.45	19.71
	50RB-High (50)	2610 (38150)	21.62	21.62	21.64	19.89
		2595 (38000)	21.58	21.62	21.58	19.83
		2580 (37850)	21.62	21.57	21.61	19.86
	50RB-Middle (25)	2610 (38150)	21.65	21.63	21.69	19.94
		2595 (38000)	21.62	21.53	21.60	19.85
		2580 (37850)	21.63	21.63	21.59	19.84
	50RB-Low (0)	2610 (38150)	21.58	21.59	21.55	19.81
		2595 (38000)	21.56	21.58	21.59	19.84
		2580 (37850)	21.53	21.59	21.54	19.80
	100RB (0)	2610 (38150)	21.64	21.65	21.65	19.90
		2595 (38000)	21.56	21.54	21.58	19.83
		2580 (37850)	21.60	21.62	21.59	19.84

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LTE Band38(ANT3 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	24.26	23.34	22.28	19.21
		2595 (38000)	24.26	23.41	22.28	19.21
		2572.5 (37775)	24.26	23.39	22.43	19.34
	1RB-Middle (12)	2617.5 (38225)	24.40	23.43	22.61	19.50
		2595 (38000)	24.36	23.68	22.47	19.37
		2572.5 (37775)	24.40	23.64	22.59	19.48
	1RB-Low (0)	2617.5 (38225)	24.31	23.30	22.32	19.25
		2595 (38000)	24.25	23.33	22.44	19.35
		2572.5 (37775)	24.31	23.36	22.42	19.33
	12RB-High (13)	2617.5 (38225)	23.33	22.33	21.42	19.43
		2595 (38000)	23.30	22.34	21.42	19.43
		2572.5 (37775)	23.39	22.36	21.50	19.50
	12RB-Middle (6)	2617.5 (38225)	23.37	22.32	21.39	19.40
		2595 (38000)	23.34	22.41	21.57	19.56
		2572.5 (37775)	23.41	22.38	21.52	19.52
	12RB-Low (0)	2617.5 (38225)	23.23	22.30	21.23	19.25
		2595 (38000)	23.27	22.18	21.30	19.32
		2572.5 (37775)	23.40	22.37	21.53	19.53
	25RB (0)	2617.5 (38225)	23.33	22.35	21.44	19.45
		2595 (38000)	23.34	22.35	21.43	19.44
		2572.5 (37775)	23.36	22.40	21.51	19.51
10MHz	1RB-High (49)	2615 (38200)	24.25	23.35	22.23	19.17
		2595 (38000)	24.34	23.32	22.41	19.32
		2575 (37800)	24.27	23.52	22.39	19.31
	1RB-Middle (24)	2615 (38200)	24.30	23.40	22.40	19.31
		2595 (38000)	24.35	23.60	22.53	19.43
		2575 (37800)	24.34	23.35	22.37	19.29
	1RB-Low (0)	2615 (38200)	24.28	23.50	22.41	19.32
		2595 (38000)	24.41	23.49	22.51	19.41
		2575 (37800)	24.34	23.51	22.39	19.31
	25RB-High (25)	2615 (38200)	23.30	22.34	21.43	19.44
		2595 (38000)	23.34	22.36	21.42	19.43
		2575 (37800)	23.36	22.42	21.47	19.47
	25RB-Middle (12)	2615 (38200)	23.26	22.28	21.37	19.38
		2595 (38000)	23.38	22.37	21.46	19.46
		2575 (37800)	23.45	22.42	21.50	19.50
	25RB-Low (0)	2615 (38200)	23.26	22.33	21.38	19.39
		2595 (38000)	23.25	22.31	21.44	19.45
		2575 (37800)	23.41	22.38	21.51	19.51
	50RB (0)	2615 (38200)	23.33	22.35	21.44	19.45
		2595 (38000)	23.35	22.37	21.43	19.44
		2575 (37800)	23.42	22.40	21.50	19.50

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15MHz	1RB-High (74)	2612.5 (38175)	24.12	23.15	22.01	18.98
		2595 (38000)	24.11	23.01	22.18	19.12
		2577.5 (37825)	24.01	23.14	22.21	19.15
	1RB-Middle (37)	2612.5 (38175)	24.27	23.12	22.11	19.06
		2595 (38000)	24.19	23.17	22.07	19.03
		2577.5 (37825)	24.11	23.42	22.19	19.13
	1RB-Low (0)	2612.5 (38175)	24.14	23.29	22.10	19.06
		2595 (38000)	24.12	23.09	22.26	19.19
		2577.5 (37825)	24.26	23.22	22.18	19.12
	36RB-High (38)	2612.5 (38175)	23.21	22.20	21.31	19.33
		2595 (38000)	23.17	22.21	21.30	19.32
		2577.5 (37825)	23.24	22.29	21.33	19.35
	36RB-Middle (19)	2612.5 (38175)	23.13	22.14	21.19	19.22
		2595 (38000)	23.22	22.24	21.28	19.30
		2577.5 (37825)	23.27	22.26	21.37	19.38
	36RB-Low (0)	2612.5 (38175)	23.18	22.18	21.26	19.28
		2595 (38000)	23.18	22.18	21.34	19.35
		2577.5 (37825)	23.24	22.20	21.37	19.38
	75RB (0)	2612.5 (38175)	23.15	22.13	21.21	19.24
		2595 (38000)	23.22	22.26	21.33	19.35
		2577.5 (37825)	23.25	22.29	21.35	19.36
20MHz	1RB-High (99)	2610 (38150)	24.01	23.25	22.20	19.14
		2595 (38000)	23.96	23.09	22.14	19.09
		2580 (37850)	24.15	23.15	22.10	19.06
	1RB-Middle (50)	2610 (38150)	24.11	23.36	22.26	19.19
		2595 (38000)	24.18	23.01	22.19	19.13
		2580 (37850)	24.15	23.30	22.31	19.24
	1RB-Low (0)	2610 (38150)	24.13	23.33	22.25	19.18
		2595 (38000)	24.14	23.25	22.26	19.19
		2580 (37850)	24.25	23.20	22.43	19.34
	50RB-High (50)	2610 (38150)	23.20	22.21	21.25	19.27
		2595 (38000)	23.19	22.18	21.29	19.31
		2580 (37850)	23.26	22.26	21.35	19.36
	50RB-Middle (25)	2610 (38150)	23.19	22.18	21.28	19.30
		2595 (38000)	23.23	22.28	21.34	19.35
		2580 (37850)	23.27	22.31	21.39	19.40
	50RB-Low (0)	2610 (38150)	23.20	22.14	21.29	19.31
		2595 (38000)	23.18	22.16	21.34	19.35
		2580 (37850)	23.26	22.23	21.36	19.37
	100RB (0)	2610 (38150)	23.15	22.12	21.24	19.26
		2595 (38000)	23.23	22.20	21.32	19.34
		2580 (37850)	23.28	22.27	21.33	19.35

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LTE Band38(ANT3 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	17.22	17.17	17.25	17.18
		2595 (38000)	17.03	17.17	17.06	17.18
		2572.5 (37775)	16.63	17.23	16.66	17.24
	1RB-Middle (12)	2617.5 (38225)	17.21	17.28	17.24	17.29
		2595 (38000)	17.24	17.27	17.27	17.28
		2572.5 (37775)	17.07	17.26	17.10	17.27
	1RB-Low (0)	2617.5 (38225)	17.21	17.22	17.24	17.18
		2595 (38000)	17.07	17.20	17.10	17.21
		2572.5 (37775)	17.04	17.25	17.07	17.26
	12RB-High (13)	2617.5 (38225)	17.21	17.23	17.24	17.24
		2595 (38000)	17.16	17.24	17.19	17.25
		2572.5 (37775)	16.67	17.11	16.70	17.12
	12RB-Middle (6)	2617.5 (38225)	17.23	17.21	17.26	17.22
		2595 (38000)	17.24	17.21	17.27	17.22
		2572.5 (37775)	17.18	17.04	17.21	17.05
	12RB-Low (0)	2617.5 (38225)	17.13	17.07	17.16	17.08
		2595 (38000)	17.08	17.09	17.11	17.10
		2572.5 (37775)	17.11	17.15	17.14	17.16
	25RB (0)	2617.5 (38225)	17.21	17.19	17.24	17.20
		2595 (38000)	17.14	17.18	17.17	17.19
		2572.5 (37775)	17.11	17.09	17.14	17.10
10MHz	1RB-High (49)	2615 (38200)	17.08	17.21	17.11	17.22
		2595 (38000)	17.14	17.14	17.17	17.15
		2575 (37800)	17.06	17.17	17.09	17.18
	1RB-Middle (24)	2615 (38200)	17.19	17.15	17.22	17.16
		2595 (38000)	17.22	17.07	17.25	17.08
		2575 (37800)	17.15	17.06	17.18	17.07
	1RB-Low (0)	2615 (38200)	17.17	17.09	17.20	17.10
		2595 (38000)	17.14	17.26	17.17	17.27
		2575 (37800)	17.08	17.16	17.11	17.17
	25RB-High (25)	2615 (38200)	17.23	17.19	17.26	17.20
		2595 (38000)	17.23	17.14	17.26	17.15
		2575 (37800)	17.17	17.09	17.20	17.10
	25RB-Middle (12)	2615 (38200)	17.19	17.15	17.22	17.16
		2595 (38000)	17.20	17.22	17.23	17.23
		2575 (37800)	17.16	17.18	17.19	17.19
	25RB-Low (0)	2615 (38200)	17.19	17.16	17.22	17.17
		2595 (38000)	17.12	17.11	17.15	17.12
		2575 (37800)	17.19	17.17	17.22	17.18
	50RB (0)	2615 (38200)	17.20	17.11	17.23	17.12
		2595 (38000)	17.25	17.23	17.28	17.24
		2575 (37800)	17.23	17.17	17.26	17.18

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15MHz	1RB-High (74)	2612.5 (38175)	16.91	17.05	16.94	17.06
		2595 (38000)	16.92	17.00	16.95	17.01
		2577.5 (37825)	16.82	16.85	16.85	16.86
	1RB-Middle (37)	2612.5 (38175)	16.99	17.02	17.02	17.03
		2595 (38000)	16.93	17.09	16.96	17.10
		2577.5 (37825)	16.99	17.19	17.02	17.20
	1RB-Low (0)	2612.5 (38175)	17.00	16.98	17.03	16.99
		2595 (38000)	17.08	17.09	17.11	17.10
		2577.5 (37825)	16.98	17.02	17.01	17.03
	36RB-High (38)	2612.5 (38175)	17.12	17.12	17.15	17.13
		2595 (38000)	17.07	17.10	17.10	17.11
		2577.5 (37825)	17.07	17.09	17.10	17.10
	36RB-Middle (19)	2612.5 (38175)	17.10	17.11	17.13	17.12
		2595 (38000)	17.11	17.08	17.14	17.09
		2577.5 (37825)	17.07	17.09	17.10	17.10
	36RB-Low (0)	2612.5 (38175)	17.06	17.11	17.09	17.12
		2595 (38000)	17.00	17.05	17.03	17.06
		2577.5 (37825)	17.00	16.98	17.03	16.99
	75RB (0)	2612.5 (38175)	17.09	17.10	17.12	17.11
		2595 (38000)	17.08	17.10	17.11	17.11
		2577.5 (37825)	17.05	17.06	17.08	17.07
20MHz	1RB-High (99)	2610 (38150)	17.15	17.11	17.18	17.12
		2595 (38000)	16.93	17.00	16.96	17.01
		2580 (37850)	16.90	17.03	16.93	17.04
	1RB-Middle (50)	2610 (38150)	17.16	17.14	17.19	17.15
		2595 (38000)	17.06	16.95	17.09	16.96
		2580 (37850)	16.95	16.89	16.98	16.90
	1RB-Low (0)	2610 (38150)	17.13	17.05	17.16	17.06
		2595 (38000)	17.05	16.95	17.08	16.96
		2580 (37850)	17.12	17.01	17.15	17.04
	50RB-High (50)	2610 (38150)	17.07	17.12	17.10	17.13
		2595 (38000)	17.10	17.06	17.13	17.07
		2580 (37850)	17.09	17.06	17.12	17.07
	50RB-Middle (25)	2610 (38150)	17.15	17.18	17.18	17.19
		2595 (38000)	17.11	17.10	17.14	17.11
		2580 (37850)	17.19	17.07	17.12	17.08
	50RB-Low (0)	2610 (38150)	17.07	17.08	17.10	17.09
		2595 (38000)	17.03	17.03	17.06	17.04
		2580 (37850)	17.04	17.02	17.07	17.03
	100RB (0)	2610 (38150)	17.11	17.14	17.14	17.15
		2595 (38000)	17.10	17.13	17.13	17.14
		2580 (37850)	17.09	17.11	17.12	17.12

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LTE Band38(ANT4 DSI 1/2/5/12/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	24.27	23.26	22.31	19.20
		2595 (38000)	24.26	23.29	22.31	19.20
		2572.5 (37775)	24.39	23.47	22.46	19.33
	1RB-Middle (12)	2617.5 (38225)	24.33	23.34	22.64	19.49
		2595 (38000)	24.34	23.40	22.50	19.36
		2572.5 (37775)	24.47	23.61	22.62	19.47
	1RB-Low (0)	2617.5 (38225)	24.32	23.32	22.35	19.24
		2595 (38000)	24.28	23.30	22.47	19.34
		2572.5 (37775)	24.45	23.46	22.45	19.32
	12RB-High (13)	2617.5 (38225)	23.33	22.22	21.45	19.42
		2595 (38000)	23.36	22.36	21.45	19.42
		2572.5 (37775)	23.50	22.53	21.53	19.49
	12RB-Middle (6)	2617.5 (38225)	23.39	22.29	21.42	19.39
		2595 (38000)	23.36	22.45	21.60	19.55
		2572.5 (37775)	23.55	22.59	21.55	19.51
	12RB-Low (0)	2617.5 (38225)	23.40	22.16	21.26	19.24
		2595 (38000)	23.35	22.33	21.33	19.31
		2572.5 (37775)	23.49	22.48	21.56	19.52
	25RB (0)	2617.5 (38225)	23.37	22.24	21.47	19.44
		2595 (38000)	23.34	22.35	21.46	19.43
		2572.5 (37775)	23.49	22.52	21.54	19.50
10MHz	1RB-High (49)	2615 (38200)	24.35	23.29	22.26	19.16
		2595 (38000)	24.34	23.36	22.44	19.31
		2575 (37800)	24.43	23.64	22.42	19.30
	1RB-Middle (24)	2615 (38200)	24.33	23.39	22.43	19.30
		2595 (38000)	24.41	23.49	22.56	19.42
		2575 (37800)	24.49	23.59	22.40	19.28
	1RB-Low (0)	2615 (38200)	24.37	23.53	22.44	19.31
		2595 (38000)	24.41	23.47	22.54	19.40
		2575 (37800)	24.51	23.71	22.42	19.30
	25RB-High (25)	2615 (38200)	23.39	22.37	21.46	19.43
		2595 (38000)	23.44	22.43	21.45	19.42
		2575 (37800)	23.58	22.60	21.50	19.46
	25RB-Middle (12)	2615 (38200)	23.47	22.35	21.40	19.37
		2595 (38000)	23.45	22.50	21.49	19.45
		2575 (37800)	23.62	22.60	21.53	19.49
	25RB-Low (0)	2615 (38200)	23.39	22.40	21.41	19.38
		2595 (38000)	23.38	22.38	21.47	19.44
		2575 (37800)	23.60	22.61	21.54	19.50
	50RB (0)	2615 (38200)	23.36	22.31	21.47	19.44
		2595 (38000)	23.39	22.37	21.46	19.43
		2575 (37800)	23.58	22.63	21.53	19.49

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15MHz	1RB-High (74)	2612.5 (38175)	23.99	22.80	22.04	18.97
		2595 (38000)	24.00	23.07	22.21	19.11
		2577.5 (37825)	24.25	23.17	22.24	19.14
	1RB-Middle (37)	2612.5 (38175)	24.05	23.05	22.14	19.05
		2595 (38000)	24.07	23.14	22.10	19.02
		2577.5 (37825)	24.22	23.44	22.22	19.12
	1RB-Low (0)	2612.5 (38175)	24.04	23.01	22.13	19.05
		2595 (38000)	24.17	23.14	22.29	19.18
		2577.5 (37825)	24.41	23.50	22.21	19.11
	36RB-High (38)	2612.5 (38175)	23.05	22.07	21.34	19.32
		2595 (38000)	23.18	22.17	21.33	19.31
		2577.5 (37825)	23.30	22.34	21.36	19.34
	36RB-Middle (19)	2612.5 (38175)	23.12	22.11	21.22	19.21
		2595 (38000)	23.22	22.25	21.31	19.29
		2577.5 (37825)	23.34	22.35	21.40	19.37
	36RB-Low (0)	2612.5 (38175)	23.07	22.04	21.29	19.27
		2595 (38000)	23.22	22.21	21.37	19.34
		2577.5 (37825)	23.40	22.38	21.40	19.37
	75RB (0)	2612.5 (38175)	23.03	22.08	21.24	19.23
		2595 (38000)	23.11	22.17	21.36	19.34
		2577.5 (37825)	23.39	22.32	21.38	19.35
20MHz	1RB-High (99)	2610 (38150)	24.03	22.89	22.23	19.13
		2595 (38000)	24.25	23.22	22.17	19.08
		2580 (37850)	24.40	23.24	22.13	19.05
	1RB-Middle (50)	2610 (38150)	24.15	23.26	22.29	19.18
		2595 (38000)	24.13	23.37	22.22	19.12
		2580 (37850)	24.34	23.75	22.34	19.23
	1RB-Low (0)	2610 (38150)	24.20	23.28	22.28	19.17
		2595 (38000)	24.26	23.47	22.29	19.18
		2580 (37850)	24.37	23.48	22.46	19.33
	50RB-High (50)	2610 (38150)	23.21	22.23	21.28	19.26
		2595 (38000)	23.28	22.28	21.32	19.30
		2580 (37850)	23.41	22.44	21.38	19.35
	50RB-Middle (25)	2610 (38150)	23.19	22.18	21.31	19.29
		2595 (38000)	23.27	22.22	21.37	19.34
		2580 (37850)	23.43	22.45	21.42	19.39
	50RB-Low (0)	2610 (38150)	23.20	22.20	21.32	19.30
		2595 (38000)	23.27	22.30	21.37	19.34
		2580 (37850)	23.53	22.48	21.39	19.36
	100RB (0)	2610 (38150)	23.17	22.18	21.27	19.25
		2595 (38000)	23.29	22.24	21.35	19.33
		2580 (37850)	23.47	22.47	21.36	19.34

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LTE Band38(ANT4 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	15.29	15.34	15.16	15.20
		2595 (38000)	15.39	15.50	14.99	15.20
		2572.5 (37775)	15.28	15.22	14.64	15.26
	1RB-Middle (12)	2617.5 (38225)	15.46	15.45	15.15	15.30
		2595 (38000)	15.46	15.17	15.18	15.29
		2572.5 (37775)	15.41	15.53	15.03	15.28
	1RB-Low (0)	2617.5 (38225)	15.30	15.40	15.15	15.20
		2595 (38000)	15.42	15.11	15.03	15.23
		2572.5 (37775)	15.35	15.33	15.00	15.28
	12RB-High (13)	2617.5 (38225)	15.37	15.41	15.15	15.26
		2595 (38000)	15.46	15.37	15.11	15.27
		2572.5 (37775)	15.24	15.29	14.68	15.15
	12RB-Middle (6)	2617.5 (38225)	15.43	15.41	15.17	15.24
		2595 (38000)	15.50	15.13	15.18	15.24
		2572.5 (37775)	15.29	15.31	15.12	15.09
	12RB-Low (0)	2617.5 (38225)	15.32	15.25	15.08	15.12
		2595 (38000)	15.49	15.45	15.04	15.13
		2572.5 (37775)	15.33	15.36	15.06	15.19
	25RB (0)	2617.5 (38225)	15.32	15.30	15.15	15.22
		2595 (38000)	15.46	15.13	15.09	15.21
		2572.5 (37775)	15.24	15.24	15.06	15.13
10MHz	1RB-High (49)	2615 (38200)	15.39	15.12	15.04	15.24
		2595 (38000)	15.38	15.42	15.09	15.18
		2575 (37800)	15.20	15.20	15.02	15.20
	1RB-Middle (24)	2615 (38200)	15.37	15.16	15.13	15.19
		2595 (38000)	15.13	15.17	15.16	15.12
		2575 (37800)	15.26	15.40	15.10	15.11
	1RB-Low (0)	2615 (38200)	15.39	15.47	15.12	15.13
		2595 (38000)	15.14	15.20	15.09	15.28
		2575 (37800)	15.29	15.36	15.04	15.20
	25RB-High (25)	2615 (38200)	15.44	15.44	15.17	15.22
		2595 (38000)	15.49	15.49	15.17	15.18
		2575 (37800)	15.21	15.24	15.12	15.13
	25RB-Middle (12)	2615 (38200)	15.45	15.42	15.13	15.19
		2595 (38000)	15.16	15.17	15.14	15.25
		2575 (37800)	15.40	15.33	15.11	15.21
	25RB-Low (0)	2615 (38200)	15.45	15.45	15.13	15.20
		2595 (38000)	15.15	15.15	15.07	15.15
		2575 (37800)	15.35	15.38	15.13	15.20
	50RB (0)	2615 (38200)	15.45	15.46	15.14	15.15
		2595 (38000)	15.11	15.15	15.19	15.26
		2575 (37800)	15.35	15.38	15.17	15.20

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15MHz	1RB-High (74)	2612.5 (38175)	15.08	15.04	14.89	15.10
		2595 (38000)	15.12	15.26	14.90	15.05
		2577.5 (37825)	15.29	15.17	14.81	14.92
	1RB-Middle (37)	2612.5 (38175)	15.20	15.15	14.96	15.07
		2595 (38000)	15.24	15.13	14.90	15.13
		2577.5 (37825)	15.50	15.15	14.96	15.22
	1RB-Low (0)	2612.5 (38175)	15.22	15.22	14.97	15.04
		2595 (38000)	15.13	15.41	15.04	15.13
		2577.5 (37825)	15.48	15.16	14.95	15.07
	36RB-High (38)	2612.5 (38175)	15.25	15.31	15.07	15.16
		2595 (38000)	15.34	15.33	15.03	15.14
		2577.5 (37825)	15.45	15.50	15.03	15.13
	36RB-Middle (19)	2612.5 (38175)	15.20	15.19	15.05	15.15
		2595 (38000)	15.35	15.35	15.06	15.13
		2577.5 (37825)	15.14	15.17	15.03	15.13
	36RB-Low (0)	2612.5 (38175)	15.25	15.26	15.02	15.15
		2595 (38000)	15.40	15.42	14.97	15.10
		2577.5 (37825)	15.23	15.24	14.97	15.04
	75RB (0)	2612.5 (38175)	15.23	15.24	15.05	15.14
		2595 (38000)	15.37	15.37	15.04	15.14
		2577.5 (37825)	15.15	15.15	15.01	15.11
20MHz	1RB-High (99)	2610 (38150)	15.25	15.33	15.10	15.15
		2595 (38000)	14.90	15.09	14.90	15.05
		2580 (37850)	14.75	15.03	14.88	15.08
	1RB-Middle (50)	2610 (38150)	15.22	15.20	15.11	15.18
		2595 (38000)	14.89	14.97	15.02	15.01
		2580 (37850)	14.71	14.88	14.92	14.96
	1RB-Low (0)	2610 (38150)	15.04	15.05	15.08	15.10
		2595 (38000)	14.77	14.91	15.01	15.01
		2580 (37850)	14.60	14.90	15.07	15.08
	50RB-High (50)	2610 (38150)	15.28	15.30	15.03	15.16
		2595 (38000)	15.06	15.11	15.05	15.11
		2580 (37850)	14.82	14.84	15.05	15.11
	50RB-Middle (25)	2610 (38150)	15.17	15.18	15.10	15.21
		2595 (38000)	15.03	15.02	15.06	15.14
		2580 (37850)	14.81	14.89	15.05	15.12
	50RB-Low (0)	2610 (38150)	15.11	15.10	15.03	15.13
		2595 (38000)	14.96	14.98	14.99	15.08
		2580 (37850)	14.78	14.80	15.00	15.07
	100RB (0)	2610 (38150)	15.16	15.16	15.06	15.18
		2595 (38000)	15.01	15.03	15.05	15.17
		2580 (37850)	14.82	14.85	15.05	15.15

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LTE Band38(ANT5 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	23.14	22.46	21.29	18.40
		2595 (38000)	23.21	22.60	21.42	18.52
		2572.5 (37775)	23.41	22.61	21.71	18.77
	1RB-Middle (12)	2617.5 (38225)	23.26	22.61	21.43	18.53
		2595 (38000)	23.28	22.68	21.50	18.58
		2572.5 (37775)	23.60	22.65	21.55	18.59
	1RB-Low (0)	2617.5 (38225)	23.20	22.40	21.23	18.35
		2595 (38000)	23.23	22.63	21.45	18.54
		2572.5 (37775)	23.44	22.67	21.68	18.74
	12RB-High (13)	2617.5 (38225)	22.30	21.27	20.16	18.43
		2595 (38000)	22.30	21.35	20.23	18.49
		2572.5 (37775)	22.56	21.66	20.53	18.75
	12RB-Middle (6)	2617.5 (38225)	22.35	21.24	20.13	18.40
		2595 (38000)	22.31	21.34	20.22	18.48
		2572.5 (37775)	22.62	21.70	20.57	18.78
	12RB-Low (0)	2617.5 (38225)	22.34	21.18	20.07	18.35
		2595 (38000)	22.32	21.43	20.31	18.56
		2572.5 (37775)	22.56	21.59	20.46	18.69
	25RB (0)	2617.5 (38225)	22.31	21.19	20.08	18.36
		2595 (38000)	22.28	21.31	20.20	18.46
		2572.5 (37775)	22.58	21.58	20.45	18.68
10MHz	1RB-High (49)	2615 (38200)	23.14	22.55	21.37	18.48
		2595 (38000)	23.16	22.54	21.36	18.47
		2575 (37800)	23.33	22.71	21.52	18.61
	1RB-Middle (24)	2615 (38200)	23.30	22.48	21.31	18.42
		2595 (38000)	23.23	22.74	21.55	18.63
		2575 (37800)	23.47	22.79	21.60	18.67
	1RB-Low (0)	2615 (38200)	23.30	22.39	21.22	18.35
		2595 (38000)	23.32	22.70	21.51	18.60
		2575 (37800)	23.51	22.68	21.57	18.61
	25RB-High (25)	2615 (38200)	22.29	21.24	20.13	18.40
		2595 (38000)	22.29	21.28	20.17	18.43
		2575 (37800)	22.58	21.55	20.42	18.66
	25RB-Middle (12)	2615 (38200)	22.36	21.20	20.09	18.37
		2595 (38000)	22.35	21.40	20.28	18.53
		2575 (37800)	22.61	21.60	20.47	18.70
	25RB-Low (0)	2615 (38200)	22.36	21.15	20.04	18.33
		2595 (38000)	22.36	21.37	20.25	18.51
		2575 (37800)	22.60	21.65	20.52	18.74
	50RB (0)	2615 (38200)	22.30	21.18	20.07	18.35
		2595 (38000)	22.32	21.36	20.24	18.50
		2575 (37800)	22.53	21.56	20.43	18.66

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15MHz	1RB-High (74)	2612.5 (38175)	22.91	22.38	21.21	18.34
		2595 (38000)	22.91	22.28	21.12	18.26
		2577.5 (37825)	23.16	22.59	21.41	18.51
	1RB-Middle (37)	2612.5 (38175)	23.02	22.27	21.11	18.25
		2595 (38000)	23.07	22.48	21.31	18.42
		2577.5 (37825)	23.28	22.64	21.65	18.72
	1RB-Low (0)	2612.5 (38175)	23.11	22.31	21.14	18.28
		2595 (38000)	23.18	22.52	21.34	18.45
		2577.5 (37825)	23.30	22.68	21.67	18.73
	36RB-High (38)	2612.5 (38175)	22.16	21.09	19.99	18.28
		2595 (38000)	22.15	21.19	20.08	18.36
		2577.5 (37825)	22.38	21.38	20.26	18.52
	36RB-Middle (19)	2612.5 (38175)	22.22	21.08	19.98	18.27
		2595 (38000)	22.23	21.24	20.13	18.40
		2577.5 (37825)	22.40	21.45	20.33	18.57
	36RB-Low (0)	2612.5 (38175)	22.24	21.00	19.90	18.20
		2595 (38000)	22.26	21.30	20.19	18.45
		2577.5 (37825)	22.51	21.52	20.40	18.63
	75RB (0)	2612.5 (38175)	22.22	21.08	19.98	18.27
		2595 (38000)	22.18	21.18	20.07	18.35
		2577.5 (37825)	22.43	21.43	20.31	18.56
20MHz	1RB-High (99)	2610 (38150)	22.79	22.19	21.03	18.18
		2595 (38000)	22.85	22.18	21.02	18.17
		2580 (37850)	23.14	22.52	21.34	18.45
	1RB-Middle (50)	2610 (38150)	22.88	22.16	21.00	18.16
		2595 (38000)	22.99	22.69	21.69	18.76
		2580 (37850)	23.35	22.69	21.64	18.71
	1RB-Low (0)	2610 (38150)	23.08	22.34	21.17	18.30
		2595 (38000)	23.25	22.59	21.41	18.51
		2580 (37850)	23.43	22.78	21.59	18.67
	50RB-High (50)	2610 (38150)	22.01	21.08	19.98	18.27
		2595 (38000)	22.15	21.21	20.10	18.38
		2580 (37850)	22.32	21.36	20.24	18.50
	50RB-Middle (25)	2610 (38150)	22.05	21.10	20.00	18.29
		2595 (38000)	22.22	21.26	20.15	18.42
		2580 (37850)	22.42	21.46	20.34	18.58
	50RB-Low (0)	2610 (38150)	22.08	21.09	19.99	18.28
		2595 (38000)	22.32	21.29	20.18	18.44
		2580 (37850)	22.47	21.48	20.36	18.60
	100RB (0)	2610 (38150)	22.07	21.08	19.98	18.27
		2595 (38000)	22.20	21.24	20.13	18.40
		2580 (37850)	22.43	21.38	20.26	18.52

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LTE Band38(ANT5 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	14.75	14.86	14.89	14.96
		2595 (38000)	14.73	14.95	14.99	15.06
		2572.5 (37775)	14.71	14.94	14.98	15.05
	1RB-Middle (12)	2617.5 (38225)	14.81	15.02	15.06	15.13
		2595 (38000)	14.78	15.06	15.10	15.17
		2572.5 (37775)	14.80	14.96	15.00	15.07
	1RB-Low (0)	2617.5 (38225)	14.81	14.92	14.96	15.03
		2595 (38000)	14.77	14.92	14.96	15.03
		2572.5 (37775)	14.76	14.91	14.95	15.02
	12RB-High (13)	2617.5 (38225)	14.80	14.83	14.86	14.93
		2595 (38000)	14.83	14.85	14.88	14.95
		2572.5 (37775)	14.72	14.87	14.90	14.97
	12RB-Middle (6)	2617.5 (38225)	14.83	14.87	14.90	14.97
		2595 (38000)	14.87	14.84	14.87	14.94
		2572.5 (37775)	14.77	14.85	14.88	14.95
	12RB-Low (0)	2617.5 (38225)	14.76	14.79	14.82	14.89
		2595 (38000)	14.84	14.84	14.87	14.94
		2572.5 (37775)	14.80	14.76	14.79	14.86
	25RB (0)	2617.5 (38225)	14.76	14.81	14.84	14.91
		2595 (38000)	14.83	14.92	14.96	15.03
		2572.5 (37775)	14.74	14.76	14.79	14.86
10MHz	1RB-High (49)	2615 (38200)	14.78	14.80	14.83	14.90
		2595 (38000)	14.78	14.91	14.95	15.02
		2575 (37800)	14.72	14.98	15.02	15.09
	1RB-Middle (24)	2615 (38200)	14.82	14.93	14.97	15.04
		2595 (38000)	14.86	14.95	14.99	15.06
		2575 (37800)	14.81	14.87	14.90	14.97
	1RB-Low (0)	2615 (38200)	14.82	14.91	14.95	15.02
		2595 (38000)	14.77	15.03	15.07	15.14
		2575 (37800)	14.80	14.80	14.83	14.90
	25RB-High (25)	2615 (38200)	14.83	14.82	14.85	14.92
		2595 (38000)	14.86	14.93	14.97	15.04
		2575 (37800)	14.77	14.85	14.88	14.95
	25RB-Middle (12)	2615 (38200)	14.91	14.95	14.99	15.06
		2595 (38000)	14.92	14.96	15.00	15.07
		2575 (37800)	14.85	14.85	14.88	14.95
	25RB-Low (0)	2615 (38200)	14.84	14.89	14.92	15.00
		2595 (38000)	14.87	14.83	14.86	14.93
		2575 (37800)	14.84	14.80	14.83	14.90
	50RB (0)	2615 (38200)	14.85	14.89	14.92	15.00
		2595 (38000)	14.90	14.83	14.86	14.93
		2575 (37800)	14.85	14.83	14.86	14.93

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15MHz	1RB-High (74)	2612.5 (38175)	14.54	14.58	14.60	14.67
		2595 (38000)	14.63	14.58	14.60	14.67
		2577.5 (37825)	14.59	14.65	14.68	14.75
	1RB-Middle (37)	2612.5 (38175)	14.61	14.65	14.68	14.75
		2595 (38000)	14.68	14.75	14.78	14.85
		2577.5 (37825)	14.82	14.67	14.70	14.77
	1RB-Low (0)	2612.5 (38175)	14.69	14.70	14.73	14.80
		2595 (38000)	14.70	14.74	14.77	14.84
		2577.5 (37825)	14.66	14.70	14.73	14.80
	36RB-High (38)	2612.5 (38175)	14.73	14.75	14.78	14.85
		2595 (38000)	14.74	14.79	14.82	14.89
		2577.5 (37825)	14.63	14.78	14.81	14.88
	36RB-Middle (19)	2612.5 (38175)	14.65	14.74	14.77	14.84
		2595 (38000)	14.72	14.84	14.87	14.94
		2577.5 (37825)	14.71	14.73	14.76	14.83
	36RB-Low (0)	2612.5 (38175)	14.66	14.72	14.75	14.82
		2595 (38000)	14.76	14.71	14.74	14.81
		2577.5 (37825)	14.73	14.71	14.74	14.81
	75RB (0)	2612.5 (38175)	14.63	14.70	14.73	14.80
		2595 (38000)	14.73	14.74	14.77	14.84
		2577.5 (37825)	14.75	14.74	14.77	14.84
20MHz	1RB-High (99)	2610 (38150)	14.51	14.70	14.73	14.80
		2595 (38000)	14.56	14.72	14.75	14.82
		2580 (37850)	14.59	14.70	14.73	14.80
	1RB-Middle (50)	2610 (38150)	14.60	15.14	15.18	15.25
		2595 (38000)	14.64	14.84	14.87	14.94
		2580 (37850)	14.61	14.94	14.98	15.05
	1RB-Low (0)	2610 (38150)	14.74	14.88	14.91	14.98
		2595 (38000)	14.86	14.66	14.69	14.76
		2580 (37850)	14.68	14.99	15.03	15.10
	50RB-High (50)	2610 (38150)	14.71	14.76	14.79	14.86
		2595 (38000)	14.72	14.80	14.83	14.90
		2580 (37850)	14.66	14.75	14.78	14.85
	50RB-Middle (25)	2610 (38150)	14.65	14.67	14.70	14.77
		2595 (38000)	14.73	14.73	14.76	14.83
		2580 (37850)	14.69	14.79	14.82	14.89
	50RB-Low (0)	2610 (38150)	14.65	14.69	14.72	14.79
		2595 (38000)	14.77	14.75	14.78	14.85
		2580 (37850)	14.73	14.77	14.80	14.87
	100RB (0)	2610 (38150)	14.64	14.70	14.73	14.80
		2595 (38000)	14.75	14.74	14.77	14.84
		2580 (37850)	14.63	14.78	14.81	14.88

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LTE Band41 PC2(ANT2 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	25.54	25.52	24.46	21.56
		2640.3(41093)	25.63	25.57	24.51	21.60
		2593 (40620)	25.51	25.34	24.28	21.40
		2545.8(40148)	25.56	25.43	24.36	21.47
		2498.5 (39675)	25.48	25.52	24.46	21.56
	1RB-Middle (12)	2687.5 (41565)	25.60	25.71	24.65	21.72
		2640.3(41093)	25.80	25.92	24.53	21.62
		2593 (40620)	25.60	25.52	24.46	21.56
		2545.8(40148)	25.68	25.76	24.69	21.77
		2498.5 (39675)	25.60	25.74	24.67	21.74
	1RB-Low (0)	2687.5 (41565)	25.57	25.53	24.48	21.57
		2640.3(41093)	25.62	25.65	24.58	21.67
		2593 (40620)	25.54	25.40	24.34	21.45
		2545.8(40148)	25.46	25.57	24.51	21.60
		2498.5 (39675)	25.56	25.63	24.56	21.64
	12RB-High (13)	2687.5 (41565)	25.47	24.56	23.52	21.60
		2640.3(41093)	25.51	24.61	23.56	21.63
		2593 (40620)	25.42	24.47	23.42	21.51
		2545.8(40148)	25.44	24.61	23.56	21.63
		2498.5 (39675)	25.37	24.39	23.36	21.45
	12RB-Middle (6)	2687.5 (41565)	25.48	24.61	23.56	21.63
		2640.3(41093)	25.56	24.61	23.56	21.63
		2593 (40620)	25.46	24.56	23.52	21.60
		2545.8(40148)	25.45	24.62	23.57	21.64
		2498.5 (39675)	25.38	24.46	23.41	21.50
	12RB-Low (0)	2687.5 (41565)	25.41	24.49	23.45	21.52
		2640.3(41093)	25.55	24.70	23.47	21.55
		2593 (40620)	25.41	24.53	23.49	21.57
		2545.8(40148)	25.42	24.61	23.56	21.63
		2498.5 (39675)	25.39	24.65	23.60	21.67
	25RB (0)	2687.5 (41565)	25.49	24.58	23.53	21.60
		2640.3(41093)	25.50	24.64	23.59	21.66
		2593 (40620)	25.45	24.55	23.51	21.59
		2545.8(40148)	25.43	24.50	23.46	21.53
		2498.5 (39675)	24.34	23.45	22.43	21.64

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10MHz	1RB-High (49)	2685 (41540)	25.58	25.67	24.60	21.69
		2639(41080)	25.66	25.71	24.65	21.72
		2593 (40620)	25.51	25.58	24.52	21.61
		2547(40160)	25.54	25.64	24.57	21.66
		2501 (39700)	25.53	25.43	24.36	21.47
	1RB-Middle (24)	2685 (41540)	25.67	25.65	24.58	21.67
		2639(41080)	25.71	25.73	24.66	21.73
		2593 (40620)	25.60	25.48	24.41	21.51
		2547(40160)	25.64	25.41	24.35	21.46
		2501 (39700)	25.55	25.55	24.50	21.59
	1RB-Low (0)	2685 (41540)	25.72	25.64	24.57	21.66
		2639(41080)	25.66	25.74	24.67	21.74
		2593 (40620)	25.62	25.93	24.65	21.72
		2547(40160)	25.53	25.42	24.35	21.46
		2501 (39700)	25.58	25.73	24.66	21.73
	25RB-High (25)	2685 (41540)	25.51	24.60	23.55	21.62
		2639(41080)	25.57	24.64	23.59	21.66
		2593 (40620)	25.44	24.50	23.46	21.53
		2547(40160)	25.48	24.54	23.50	21.58
		2501 (39700)	25.30	24.47	23.42	21.51
	25RB-Middle (12)	2685 (41540)	25.56	24.63	23.59	21.66
		2639(41080)	25.54	24.70	23.55	21.62
		2593 (40620)	25.50	24.60	23.55	21.62
		2547(40160)	25.49	24.58	23.53	21.60
		2501 (39700)	25.39	24.46	23.41	21.50
	25RB-Low (0)	2685 (41540)	25.45	24.51	23.47	21.55
		2639(41080)	25.59	24.65	23.60	21.67
		2593 (40620)	25.46	24.56	23.52	21.60
		2547(40160)	25.51	24.58	23.53	21.60
		2501 (39700)	25.35	24.48	23.44	21.52
	50RB (0)	2685 (41540)	25.54	24.60	23.55	21.62
		2639(41080)	25.53	24.65	23.60	21.67
		2593 (40620)	25.45	24.56	23.52	21.60
		2547(40160)	25.49	24.55	23.51	21.59
		2501 (39700)	25.37	24.46	23.41	21.50

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15MHz	1RB-High (74)	2682.5 (41515)	25.49	25.70	24.64	21.71
		2637.8(41068)	25.62	25.67	24.60	21.69
		2593 (40620)	25.41	25.69	24.63	21.71
		2548.3(40173)	25.55	25.61	24.54	21.63
		2503.5 (39725)	25.24	25.24	24.17	21.30
	1RB-Middle (37)	2682.5 (41515)	25.45	25.55	24.50	21.59
		2637.8(41068)	25.56	25.48	24.41	21.51
		2593 (40620)	25.42	25.52	24.46	21.56
		2548.3(40173)	25.42	25.43	24.36	21.47
		2503.5 (39725)	25.32	25.27	24.21	21.34
	1RB-Low (0)	2682.5 (41515)	25.63	25.49	24.42	21.52
		2637.8(41068)	25.48	25.67	24.60	21.69
		2593 (40620)	25.44	25.36	24.30	21.41
		2548.3(40173)	25.37	25.38	24.33	21.44
		2503.5 (39725)	25.38	25.33	24.27	21.39
	36RB-High (38)	2682.5 (41515)	25.37	24.50	23.46	21.53
		2637.8(41068)	25.46	24.52	23.48	21.56
		2593 (40620)	25.25	24.37	23.34	21.44
		2548.3(40173)	25.32	24.45	23.40	21.49
		2503.5 (39725)	25.21	24.28	23.23	21.34
	36RB-Middle (19)	2682.5 (41515)	25.40	24.52	23.48	21.56
		2637.8(41068)	25.45	24.56	23.52	21.60
		2593 (40620)	25.31	24.45	23.40	21.49
		2548.3(40173)	25.32	24.37	23.34	21.44
		2503.5 (39725)	25.23	24.29	23.25	21.36
	36RB-Low (0)	2682.5 (41515)	25.36	24.49	23.45	21.52
		2637.8(41068)	25.40	24.50	23.46	21.53
		2593 (40620)	25.35	24.42	23.38	21.47
		2548.3(40173)	25.31	24.44	23.39	21.48
		2503.5 (39725)	25.18	24.34	23.31	21.40
	75RB (0)	2682.5 (41515)	25.44	24.50	23.46	21.53
		2637.8(41068)	25.44	24.59	23.54	21.61
		2593 (40620)	25.28	24.37	23.34	21.44
		2548.3(40173)	25.33	24.43	23.39	21.48
		2503.5 (39725)	25.22	24.31	23.27	21.37

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20MHz	1RB-High (99)	2680 (41490)	25.39	25.63	24.79	21.68
		2636.5(41055)	25.37	25.49	24.68	21.70
		2593 (40620)	25.34	25.51	24.42	21.50
		2549.5(40185)	25.39	25.45	24.28	21.56
		2506 (39750)	25.33	25.25	24.18	21.39
	1RB-Middle (50)	2680 (41490)	25.40	25.46	24.71	21.49
		2636.5(41055)	25.34	25.71	24.72	21.64
		2593 (40620)	25.24	25.31	24.44	21.71
		2549.5(40185)	25.30	25.56	24.57	21.73
		2506 (39750)	25.41	25.50	24.59	21.64
	1RB-Low (0)	2680 (41490)	25.58	25.63	24.72	21.70
		2636.5(41055)	25.42	25.48	24.59	21.77
		2593 (40620)	25.38	25.51	24.48	21.55
		2549.5(40185)	25.42	25.44	24.41	21.70
		2506 (39750)	25.43	25.31	24.25	21.37
	50RB-High (50)	2680 (41490)	25.52	24.92	23.40	21.68
		2636.5(41055)	25.53	24.90	23.41	21.67
		2593 (40620)	25.48	24.77	23.28	21.49
		2549.5(40185)	25.47	24.88	23.37	21.53
		2506 (39750)	25.45	24.76	23.26	21.49
	50RB-Middle (25)	2680 (41490)	25.51	24.96	23.42	21.55
		2636.5(41055)	25.49	24.96	23.43	21.68
		2593 (40620)	25.36	24.81	23.33	21.57
		2549.5(40185)	25.42	24.92	23.40	21.61
		2506 (39750)	25.41	24.75	23.30	21.52
	50RB-Low (0)	2680 (41490)	25.49	24.87	23.46	21.52
		2636.5(41055)	25.49	24.87	23.38	21.58
		2593 (40620)	25.33	24.79	23.29	21.49
		2549.5(40185)	25.39	24.89	23.44	21.60
		2506 (39750)	25.30	24.71	23.25	21.40
	100RB (0)	2680 (41490)	25.49	24.96	23.40	21.64
		2636.5(41055)	25.49	24.93	23.45	21.67
		2593 (40620)	25.36	24.75	23.30	21.45
		2549.5(40185)	25.46	24.88	23.38	21.59
		2506 (39750)	25.41	24.77	23.25	21.51

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LTE Band41 PC2(ANT2 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	24.27	24.78	24.63	21.64
		2640.3(41093)	24.31	25.00	24.67	21.68
		2593 (40620)	24.25	24.67	24.45	21.48
		2545.8(40148)	24.28	24.68	24.53	21.55
		2498.5 (39675)	24.21	24.71	24.63	21.64
	1RB-Middle (12)	2687.5 (41565)	24.30	24.86	24.81	21.81
		2640.3(41093)	24.41	24.89	24.69	21.71
		2593 (40620)	24.39	24.83	24.63	21.64
		2545.8(40148)	24.34	24.97	24.86	21.85
		2498.5 (39675)	24.26	24.88	24.84	21.83
	1RB-Low (0)	2687.5 (41565)	24.31	24.79	24.64	21.65
		2640.3(41093)	24.36	24.83	24.75	21.75
		2593 (40620)	24.22	24.60	24.51	21.53
		2545.8(40148)	24.23	24.74	24.67	21.68
		2498.5 (39675)	24.22	24.83	24.73	21.73
	12RB-High (13)	2687.5 (41565)	24.38	24.51	24.25	21.68
		2640.3(41093)	24.42	24.64	24.29	21.72
		2593 (40620)	24.32	24.57	24.15	21.59
		2545.8(40148)	24.34	24.63	24.29	21.72
		2498.5 (39675)	24.31	24.49	24.09	21.53
	12RB-Middle (6)	2687.5 (41565)	24.39	24.75	24.29	21.72
		2640.3(41093)	24.47	24.68	24.29	21.72
		2593 (40620)	24.36	24.59	24.25	21.68
		2545.8(40148)	24.36	24.57	24.30	21.73
		2498.5 (39675)	24.32	24.52	24.14	21.58
	12RB-Low (0)	2687.5 (41565)	24.29	24.53	24.17	21.61
		2640.3(41093)	24.44	24.64	24.19	21.63
		2593 (40620)	24.32	24.58	24.21	21.65
		2545.8(40148)	24.31	24.52	24.29	21.72
		2498.5 (39675)	24.29	24.55	24.32	21.75
	25RB (0)	2687.5 (41565)	24.38	24.60	24.26	21.68
		2640.3(41093)	24.41	24.66	24.31	21.74
		2593 (40620)	24.33	24.54	24.23	21.67
		2545.8(40148)	24.33	24.59	24.18	21.62
		2498.5 (39675)	24.10	23.47	24.26	21.73

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10MHz	1RB-High (49)	2685 (41540)	24.26	24.78	24.77	21.77
		2639(41080)	24.31	24.86	24.81	21.81
		2593 (40620)	24.22	24.79	24.68	21.69
		2547(40160)	24.28	24.83	24.74	21.74
		2501 (39700)	24.18	24.73	24.53	21.55
	1RB-Middle (24)	2685 (41540)	24.34	24.75	24.75	21.75
		2639(41080)	24.36	24.89	24.82	21.82
		2593 (40620)	24.31	24.93	24.57	21.59
		2547(40160)	24.32	24.87	24.52	21.54
		2501 (39700)	24.26	24.58	24.66	21.67
	1RB-Low (0)	2685 (41540)	24.32	24.87	24.74	21.74
		2639(41080)	24.31	24.83	24.84	21.83
		2593 (40620)	24.25	24.83	24.81	21.81
		2547(40160)	24.26	24.86	24.52	21.54
		2501 (39700)	24.23	24.63	24.82	21.82
	25RB-High (25)	2685 (41540)	24.42	24.67	24.28	21.71
		2639(41080)	24.48	24.63	24.31	21.74
		2593 (40620)	24.33	24.60	24.18	21.62
		2547(40160)	24.34	24.65	24.22	21.66
		2501 (39700)	24.29	24.46	24.15	21.59
	25RB-Middle (12)	2685 (41540)	24.47	24.61	24.31	21.74
		2639(41080)	24.48	24.72	24.28	21.71
		2593 (40620)	24.37	24.60	24.28	21.71
		2547(40160)	24.42	24.64	24.26	21.68
		2501 (39700)	24.31	24.49	24.14	21.58
	25RB-Low (0)	2685 (41540)	24.32	24.58	24.19	21.63
		2639(41080)	24.43	24.66	24.32	21.75
		2593 (40620)	24.34	24.58	24.25	21.68
		2547(40160)	24.37	24.63	24.26	21.68
		2501 (39700)	24.31	24.52	24.16	21.61
	50RB (0)	2685 (41540)	24.43	24.65	24.28	21.71
		2639(41080)	24.44	24.70	24.32	21.75
		2593 (40620)	24.34	24.62	24.25	21.68
		2547(40160)	24.35	24.61	24.23	21.67
		2501 (39700)	24.29	24.48	24.14	21.58

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15MHz	1RB-High (74)	2682.5 (41515)	24.26	24.79	24.80	21.79
		2637.8(41068)	24.23	24.92	24.77	21.77
		2593 (40620)	24.26	24.65	24.79	21.79
		2548.3(40173)	24.23	24.72	24.70	21.72
		2503.5 (39725)	24.10	24.35	24.34	21.38
	1RB-Middle (37)	2682.5 (41515)	24.19	24.81	24.66	21.67
		2637.8(41068)	24.20	24.93	24.57	21.59
		2593 (40620)	24.09	24.87	24.63	21.64
		2548.3(40173)	24.12	24.68	24.53	21.55
		2503.5 (39725)	24.05	24.89	24.38	21.42
	1RB-Low (0)	2682.5 (41515)	24.19	24.93	24.58	21.61
		2637.8(41068)	24.27	24.86	24.77	21.77
		2593 (40620)	24.15	24.67	24.47	21.49
		2548.3(40173)	24.04	24.54	24.50	21.52
		2503.5 (39725)	24.13	24.61	24.44	21.47
	36RB-High (38)	2682.5 (41515)	24.29	24.57	24.18	21.62
		2637.8(41068)	24.32	24.57	24.20	21.64
		2593 (40620)	24.23	24.46	24.07	21.52
		2548.3(40173)	24.27	24.47	24.14	21.57
		2503.5 (39725)	24.09	24.35	23.96	21.42
	36RB-Middle (19)	2682.5 (41515)	24.28	24.55	24.20	21.64
		2637.8(41068)	24.34	24.61	24.25	21.68
		2593 (40620)	24.26	24.42	24.14	21.57
		2548.3(40173)	24.25	24.44	24.07	21.52
		2503.5 (39725)	24.17	24.38	23.98	21.44
	36RB-Low (0)	2682.5 (41515)	24.27	24.50	24.17	21.61
		2637.8(41068)	24.29	24.50	24.18	21.62
		2593 (40620)	24.27	24.47	24.11	21.55
		2548.3(40173)	24.26	24.48	24.12	21.56
		2503.5 (39725)	24.19	24.36	24.04	21.48
	75RB (0)	2682.5 (41515)	24.32	24.54	24.18	21.62
		2637.8(41068)	24.35	24.63	24.27	21.69
		2593 (40620)	24.22	24.42	24.07	21.52
		2548.3(40173)	24.28	24.47	24.12	21.56
		2503.5 (39725)	24.17	24.40	24.11	21.45

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20MHz	1RB-High (99)	2680 (41490)	24.29	24.58	24.57	21.76
		2636.5(41055)	24.58	24.59	24.63	21.78
		2593 (40620)	24.38	24.34	24.58	21.58
		2549.5(40185)	24.27	24.46	24.32	21.64
		2506 (39750)	24.32	24.41	24.44	21.47
	1RB-Middle (50)	2680 (41490)	24.33	24.43	24.79	21.57
		2636.5(41055)	24.40	24.61	24.83	21.73
		2593 (40620)	24.20	24.71	24.65	21.79
		2549.5(40185)	24.27	24.48	24.87	21.82
		2506 (39750)	24.34	24.47	24.57	21.73
	1RB-Low (0)	2680 (41490)	24.61	24.70	24.76	21.78
		2636.5(41055)	24.51	24.43	24.69	21.85
		2593 (40620)	24.29	24.45	24.91	21.63
		2549.5(40185)	24.26	24.52	24.61	21.78
		2506 (39750)	24.32	24.36	24.42	21.45
	50RB-High (50)	2680 (41490)	24.50	24.50	23.91	21.76
		2636.5(41055)	24.52	24.49	23.94	21.75
		2593 (40620)	24.36	24.35	23.76	21.57
		2549.5(40185)	24.41	24.48	23.86	21.62
		2506 (39750)	24.37	24.39	23.74	21.57
	50RB-Middle (25)	2680 (41490)	24.55	24.53	23.92	21.63
		2636.5(41055)	24.54	24.55	23.95	21.76
		2593 (40620)	24.38	24.46	23.82	21.65
		2549.5(40185)	24.49	24.50	23.88	21.69
		2506 (39750)	24.37	24.42	23.79	21.61
	50RB-Low (0)	2680 (41490)	24.51	24.50	23.91	21.61
		2636.5(41055)	24.43	24.49	23.90	21.66
		2593 (40620)	24.34	24.39	23.77	21.57
		2549.5(40185)	24.46	24.52	23.91	21.68
		2506 (39750)	24.28	24.32	23.71	21.48
	100RB (0)	2680 (41490)	24.52	24.56	23.91	21.73
		2636.5(41055)	24.56	24.58	23.95	21.75
		2593 (40620)	24.38	24.41	23.82	21.53
		2549.5(40185)	24.47	24.49	23.90	21.67
		2506 (39750)	24.36	24.39	23.80	21.59

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LTE Band41 PC2(ANT2 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	22.63	22.58	22.82	21.59
		2640.3(41093)	22.70	22.37	22.88	21.39
		2593 (40620)	22.58	22.24	22.76	21.64
		2545.8(40148)	22.60	22.31	22.79	21.71
		2498.5 (39675)	22.55	22.24	22.73	21.64
	1RB-Middle (12)	2687.5 (41565)	22.73	22.75	22.92	21.76
		2640.3(41093)	22.78	22.54	22.96	21.56
		2593 (40620)	22.67	22.47	22.84	21.49
		2545.8(40148)	22.65	22.43	22.83	21.45
		2498.5 (39675)	22.62	22.34	22.81	21.73
	1RB-Low (0)	2687.5 (41565)	22.58	22.36	22.76	21.38
		2640.3(41093)	22.69	22.41	22.87	21.43
		2593 (40620)	22.59	22.24	22.77	21.64
		2545.8(40148)	22.55	22.40	22.73	21.42
		2498.5 (39675)	22.57	22.39	22.75	21.41
	12RB-High (13)	2687.5 (41565)	22.71	22.42	22.90	21.44
		2640.3(41093)	22.76	22.48	22.95	21.49
		2593 (40620)	22.65	22.34	22.83	21.73
		2545.8(40148)	22.67	22.43	22.84	21.45
		2498.5 (39675)	22.63	22.25	22.82	21.65
	12RB-Middle (6)	2687.5 (41565)	22.76	22.46	22.95	21.47
		2640.3(41093)	22.79	22.38	22.97	21.40
		2593 (40620)	22.69	22.36	22.86	21.38
		2545.8(40148)	22.69	22.43	22.87	21.45
		2498.5 (39675)	22.67	22.34	22.84	21.73
	12RB-Low (0)	2687.5 (41565)	22.67	22.29	22.84	21.69
		2640.3(41093)	22.76	22.38	22.95	21.40
		2593 (40620)	22.68	22.29	22.85	21.69
		2545.8(40148)	22.62	22.33	22.81	21.73
		2498.5 (39675)	22.65	22.33	22.83	21.73
	25RB (0)	2687.5 (41565)	22.73	22.42	22.92	21.44
		2640.3(41093)	22.74	22.46	22.93	21.47
		2593 (40620)	22.66	22.36	22.83	21.38
		2545.8(40148)	22.66	22.36	22.83	21.38
		2498.5 (39675)	22.61	22.33	22.80	21.73

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10MHz	1RB-High (49)	2685 (41540)	22.66	22.52	22.83	21.54
		2639(41080)	22.66	22.48	22.83	21.49
		2593 (40620)	22.49	22.38	22.68	21.40
		2547(40160)	22.66	22.37	22.83	21.39
		2501 (39700)	22.55	22.36	22.73	21.38
	1RB-Middle (24)	2685 (41540)	22.74	22.66	22.93	21.67
		2639(41080)	22.70	22.47	22.88	21.49
		2593 (40620)	22.55	22.35	22.73	21.74
		2547(40160)	22.60	22.44	22.79	21.46
		2501 (39700)	22.54	22.28	22.72	21.68
	1RB-Low (0)	2685 (41540)	22.62	22.44	22.81	21.46
		2639(41080)	22.66	22.52	22.83	21.53
		2593 (40620)	22.65	22.26	22.83	21.66
		2547(40160)	22.62	22.37	22.81	21.39
		2501 (39700)	22.53	22.43	22.71	21.45
	25RB-High (25)	2685 (41540)	22.73	22.42	22.92	21.44
		2639(41080)	22.73	22.50	22.92	21.51
		2593 (40620)	22.66	22.37	22.83	21.39
		2547(40160)	22.67	22.34	22.84	21.73
		2501 (39700)	22.58	22.33	22.76	21.73
	25RB-Middle (12)	2685 (41540)	22.76	22.50	22.95	21.51
		2639(41080)	22.78	22.53	22.96	21.55
		2593 (40620)	22.69	22.43	22.86	21.45
		2547(40160)	22.69	22.38	22.87	21.40
		2501 (39700)	22.66	22.37	22.83	21.39
	25RB-Low (0)	2685 (41540)	22.67	22.41	22.84	21.43
		2639(41080)	22.75	22.56	22.94	21.58
		2593 (40620)	22.67	22.40	22.84	21.42
		2547(40160)	22.67	22.36	22.84	21.38
		2501 (39700)	22.63	22.34	22.82	21.73
	50RB (0)	2685 (41540)	22.80	22.46	22.98	21.47
		2639(41080)	22.78	22.46	22.96	21.47
		2593 (40620)	22.67	22.36	22.84	21.38
		2547(40160)	22.67	22.37	22.84	21.39
		2501 (39700)	22.63	22.34	22.82	21.73

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15MHz	1RB-High (74)	2682.5 (41515)	22.54	22.39	22.72	21.41
		2637.8(41068)	22.55	22.24	22.73	21.64
		2593 (40620)	22.47	22.25	22.65	21.65
		2548.3(40173)	22.59	22.22	22.77	21.62
		2503.5 (39725)	22.24	22.03	22.42	21.44
	1RB-Middle (37)	2682.5 (41515)	22.54	22.25	22.72	21.65
		2637.8(41068)	22.55	22.25	22.73	21.65
		2593 (40620)	22.40	22.15	22.58	21.55
		2548.3(40173)	22.43	22.33	22.61	21.73
		2503.5 (39725)	22.44	22.15	22.61	21.55
	1RB-Low (0)	2682.5 (41515)	22.69	22.18	22.86	21.59
		2637.8(41068)	22.58	22.24	22.76	21.64
		2593 (40620)	22.52	22.26	22.70	21.66
		2548.3(40173)	22.47	22.19	22.65	21.59
		2503.5 (39725)	22.36	22.14	22.54	21.54
	36RB-High (38)	2682.5 (41515)	22.59	22.29	22.77	21.69
		2637.8(41068)	22.63	22.35	22.82	21.74
		2593 (40620)	22.54	22.27	22.72	21.67
		2548.3(40173)	22.50	22.28	22.69	21.68
		2503.5 (39725)	22.44	22.13	22.62	21.53
	36RB-Middle (19)	2682.5 (41515)	22.59	22.34	22.77	21.73
		2637.8(41068)	22.68	22.36	22.85	21.38
		2593 (40620)	22.55	22.24	22.73	21.64
		2548.3(40173)	22.52	22.26	22.70	21.66
		2503.5 (39725)	22.44	22.16	22.62	21.56
	36RB-Low (0)	2682.5 (41515)	22.53	22.25	22.71	21.65
		2637.8(41068)	22.57	22.25	22.75	21.65
		2593 (40620)	22.58	22.27	22.76	21.67
		2548.3(40173)	22.56	22.26	22.74	21.66
		2503.5 (39725)	22.42	22.18	22.60	21.59
	75RB (0)	2682.5 (41515)	22.62	22.35	22.81	21.75
		2637.8(41068)	22.67	22.38	22.84	21.40
		2593 (40620)	22.54	22.26	22.72	21.66
		2548.3(40173)	22.54	22.25	22.72	21.65
		2503.5 (39725)	22.44	22.17	22.61	21.58

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20MHz	1RB-High (99)	2680 (41490)	22.32	22.45	22.66	21.59
		2636.5(41055)	22.45	22.56	22.78	21.47
		2593 (40620)	22.39	22.41	22.61	21.59
		2549.5(40185)	22.25	22.53	22.65	21.45
		2506 (39750)	22.30	22.36	22.53	21.64
	1RB-Middle (50)	2680 (41490)	22.36	22.51	22.56	21.86
		2636.5(41055)	22.36	22.59	22.71	21.42
		2593 (40620)	22.22	22.50	22.84	21.59
		2549.5(40185)	22.47	22.71	22.71	21.49
		2506 (39750)	22.22	22.43	22.47	21.68
	1RB-Low (0)	2680 (41490)	22.58	22.69	22.57	21.58
		2636.5(41055)	22.57	22.54	22.81	21.61
		2593 (40620)	22.51	22.75	22.74	21.66
		2549.5(40185)	22.55	22.40	22.51	21.62
		2506 (39750)	22.52	22.26	22.50	21.66
	50RB-High (50)	2680 (41490)	22.56	22.51	22.56	21.58
		2636.5(41055)	22.56	22.60	22.58	21.63
		2593 (40620)	22.55	22.45	22.41	21.56
		2549.5(40185)	22.53	22.51	22.44	21.54
		2506 (39750)	22.54	22.40	22.30	21.58
	50RB-Middle (25)	2680 (41490)	22.52	22.52	22.62	21.54
		2636.5(41055)	22.54	22.60	22.62	21.59
		2593 (40620)	22.43	22.48	22.42	21.62
		2549.5(40185)	22.47	22.53	22.51	21.61
		2506 (39750)	22.39	22.48	22.36	21.63
	50RB-Low (0)	2680 (41490)	22.54	22.47	22.56	21.56
		2636.5(41055)	22.42	22.53	22.57	21.50
		2593 (40620)	22.38	22.41	22.37	21.55
		2549.5(40185)	22.52	22.51	22.53	21.53
		2506 (39750)	22.29	22.39	22.40	21.53
	100RB (0)	2680 (41490)	22.61	22.56	22.59	21.52
		2636.5(41055)	22.57	22.57	22.60	21.55
		2593 (40620)	22.40	22.45	22.40	21.57
		2549.5(40185)	22.47	22.53	22.49	21.63
		2506 (39750)	22.35	22.40	22.37	21.63

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LTE Band41 PC2(ANT2 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	14.71	15.05	14.84	14.93
		2640.3(41093)	14.74	15.16	14.95	14.96
		2593 (40620)	14.65	14.88	14.68	14.86
		2545.8(40148)	14.65	15.04	14.84	14.86
		2498.5 (39675)	14.53	14.96	14.76	14.73
	1RB-Middle (12)	2687.5 (41565)	14.88	15.28	15.07	15.10
		2640.3(41093)	14.82	15.24	15.04	15.03
		2593 (40620)	14.76	15.22	15.02	14.98
		2545.8(40148)	14.72	15.15	14.95	14.94
		2498.5 (39675)	14.66	15.08	14.87	14.87
	1RB-Low (0)	2687.5 (41565)	14.84	15.07	14.86	15.06
		2640.3(41093)	14.73	15.08	14.88	14.95
		2593 (40620)	14.71	15.10	14.90	14.93
		2545.8(40148)	14.61	15.17	14.96	14.82
		2498.5 (39675)	14.61	15.08	14.88	14.82
	12RB-High (13)	2687.5 (41565)	14.84	15.14	14.94	15.06
		2640.3(41093)	14.81	15.14	14.94	15.02
		2593 (40620)	14.71	15.08	14.87	14.93
		2545.8(40148)	14.69	15.09	14.89	14.90
		2498.5 (39675)	14.70	15.08	14.88	14.91
	12RB-Middle (6)	2687.5 (41565)	14.90	15.10	14.90	15.11
		2640.3(41093)	14.90	15.25	15.05	15.11
		2593 (40620)	14.76	15.04	14.84	14.98
		2545.8(40148)	14.69	15.01	14.81	14.90
		2498.5 (39675)	14.73	14.98	14.79	14.95
	12RB-Low (0)	2687.5 (41565)	14.78	15.07	14.86	14.98
		2640.3(41093)	14.84	15.15	14.95	15.06
		2593 (40620)	14.75	15.08	14.87	14.97
		2545.8(40148)	14.64	15.04	14.84	14.86
		2498.5 (39675)	14.71	15.11	14.91	14.93
	25RB (0)	2687.5 (41565)	14.84	15.16	14.95	15.06
		2640.3(41093)	14.88	15.19	14.98	15.10
		2593 (40620)	14.76	15.09	14.89	14.98
		2545.8(40148)	14.69	15.02	14.82	14.89
		2498.5 (39675)	14.73	15.03	14.83	14.95

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10MHz	1RB-High (49)	2685 (41540)	14.72	15.22	15.02	14.94
		2639(41080)	14.72	15.15	14.95	14.94
		2593 (40620)	14.67	15.03	14.83	14.88
		2547(40160)	14.66	15.10	14.90	14.87
		2501 (39700)	14.69	15.02	14.82	14.89
	1RB-Middle (24)	2685 (41540)	14.87	15.24	15.04	15.09
		2639(41080)	14.84	15.16	14.95	15.06
		2593 (40620)	14.79	15.02	14.82	15.00
		2547(40160)	14.70	15.08	14.87	14.91
		2501 (39700)	14.60	15.01	14.81	14.81
	1RB-Low (0)	2685 (41540)	14.78	15.15	14.95	14.98
		2639(41080)	14.76	15.19	14.98	14.98
		2593 (40620)	14.69	14.97	14.77	14.89
		2547(40160)	14.63	15.00	14.80	14.85
		2501 (39700)	14.67	14.97	14.77	14.88
	25RB-High (25)	2685 (41540)	14.87	15.17	14.96	15.09
		2639(41080)	14.91	15.17	14.96	15.12
		2593 (40620)	14.73	14.98	14.79	14.95
		2547(40160)	14.74	15.04	14.84	14.96
		2501 (39700)	14.70	15.01	14.81	14.91
	25RB-Middle (12)	2685 (41540)	14.83	15.15	14.95	15.04
		2639(41080)	14.92	15.24	15.04	15.13
		2593 (40620)	14.82	15.07	14.86	15.03
		2547(40160)	14.79	15.12	14.93	15.00
		2501 (39700)	14.73	15.07	14.86	14.95
	25RB-Low (0)	2685 (41540)	14.82	15.11	14.91	15.03
		2639(41080)	14.83	15.09	14.89	15.05
		2593 (40620)	14.81	15.05	14.84	15.02
		2547(40160)	14.70	15.08	14.88	14.91
		2501 (39700)	14.70	15.02	14.82	14.91
	50RB (0)	2685 (41540)	14.84	15.12	14.93	15.06
		2639(41080)	14.89	15.19	14.98	15.11
		2593 (40620)	14.82	15.07	14.86	15.03
		2547(40160)	14.80	15.07	14.86	15.01
		2501 (39700)	14.73	14.98	14.79	14.95

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15MHz	1RB-High (74)	2682.5 (41515)	14.63	15.02	14.82	14.85
		2637.8(41068)	14.71	15.10	14.90	14.93
		2593 (40620)	14.47	14.98	14.79	14.68
		2548.3(40173)	14.43	15.04	14.84	14.64
		2503.5 (39725)	14.38	15.07	14.86	14.59
	1RB-Middle (37)	2682.5 (41515)	14.70	15.18	14.97	14.91
		2637.8(41068)	14.63	15.07	14.86	14.85
		2593 (40620)	14.69	14.94	14.74	14.89
		2548.3(40173)	14.63	14.95	14.75	14.85
		2503.5 (39725)	14.51	14.82	14.62	14.72
	1RB-Low (0)	2682.5 (41515)	14.72	14.78	14.57	14.94
		2637.8(41068)	14.64	15.11	14.91	14.86
		2593 (40620)	14.66	14.94	14.74	14.87
		2548.3(40173)	14.44	14.90	14.70	14.65
		2503.5 (39725)	14.48	15.00	14.80	14.69
	36RB-High (38)	2682.5 (41515)	14.82	15.04	14.84	15.03
		2637.8(41068)	14.70	15.00	14.80	14.91
		2593 (40620)	14.57	14.91	14.72	14.79
		2548.3(40173)	14.62	14.98	14.79	14.83
		2503.5 (39725)	14.53	14.87	14.67	14.73
	36RB-Middle (19)	2682.5 (41515)	14.71	15.02	14.82	14.93
		2637.8(41068)	14.70	15.08	14.87	14.91
		2593 (40620)	14.61	14.89	14.69	14.82
		2548.3(40173)	14.65	14.96	14.76	14.86
		2503.5 (39725)	14.58	14.83	14.63	14.80
	36RB-Low (0)	2682.5 (41515)	14.72	14.97	14.77	14.94
		2637.8(41068)	14.64	15.00	14.80	14.86
		2593 (40620)	14.63	14.90	14.70	14.85
		2548.3(40173)	14.62	14.98	14.79	14.83
		2503.5 (39725)	14.56	14.91	14.72	14.78
	75RB (0)	2682.5 (41515)	14.67	15.01	14.81	14.88
		2637.8(41068)	14.70	15.07	14.86	14.91
		2593 (40620)	14.60	14.95	14.75	14.81
		2548.3(40173)	14.62	14.96	14.76	14.83
		2503.5 (39725)	14.53	14.91	14.72	14.74

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20MHz	1RB-High (99)	2680 (41490)	14.88	15.02	15.00	14.69
		2636.5(41055)	14.68	15.19	15.13	14.66
		2593 (40620)	14.56	15.07	14.85	14.68
		2549.5(40185)	14.60	15.08	14.95	14.59
		2506 (39750)	14.45	15.16	14.82	14.66
	1RB-Middle (50)	2680 (41490)	14.66	15.14	15.17	14.69
		2636.5(41055)	14.59	14.09	15.19	14.73
		2593 (40620)	14.50	15.01	15.04	14.73
		2549.5(40185)	14.55	15.09	14.98	14.69
		2506 (39750)	14.59	15.21	14.97	14.72
	1RB-Low (0)	2680 (41490)	14.74	15.08	15.38	14.76
		2636.5(41055)	14.73	15.03	15.04	14.66
		2593 (40620)	14.60	15.01	15.03	14.80
		2549.5(40185)	14.48	15.19	15.13	14.71
		2506 (39750)	14.45	15.18	14.88	14.66
	50RB-High (50)	2680 (41490)	14.83	15.02	15.00	14.73
		2636.5(41055)	14.77	15.01	15.02	14.73
		2593 (40620)	14.67	14.88	14.88	14.74
		2549.5(40185)	14.80	15.04	15.04	14.75
		2506 (39750)	14.67	14.89	14.89	14.86
	50RB-Middle (25)	2680 (41490)	14.89	15.11	15.10	14.71
		2636.5(41055)	14.86	15.04	15.06	14.74
		2593 (40620)	14.69	14.91	14.93	14.78
		2549.5(40185)	14.83	15.04	15.04	14.79
		2506 (39750)	14.73	14.87	14.91	14.82
	50RB-Low (0)	2680 (41490)	14.82	15.02	15.06	14.73
		2636.5(41055)	14.74	14.96	14.98	14.68
		2593 (40620)	14.64	14.87	14.88	14.68
		2549.5(40185)	14.74	15.05	15.05	14.73
		2506 (39750)	14.70	14.92	14.88	14.82
	100RB (0)	2680 (41490)	14.85	15.10	15.07	14.72
		2636.5(41055)	14.79	15.03	15.09	14.79
		2593 (40620)	14.69	14.91	14.90	14.78
		2549.5(40185)	14.78	15.04	15.01	14.76
		2506 (39750)	14.70	14.91	14.89	14.81

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LTE Band41 PC2(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	21.57	21.62	21.79	21.79
		2640.3(41093)	21.62	21.70	21.85	21.85
		2593 (40620)	21.42	21.82	21.64	21.64
		2545.8(40148)	21.40	21.81	21.62	21.62
		2498.5 (39675)	21.42	21.65	21.64	21.64
	1RB-Middle (12)	2687.5 (41565)	21.65	21.66	21.88	21.89
		2640.3(41093)	21.75	21.71	21.67	21.67
		2593 (40620)	21.52	21.77	21.74	21.74
		2545.8(40148)	21.54	21.68	21.75	21.75
		2498.5 (39675)	21.55	21.73	21.76	21.76
	1RB-Low (0)	2687.5 (41565)	21.61	21.81	21.84	21.84
		2640.3(41093)	21.58	21.81	21.81	21.81
		2593 (40620)	21.44	21.83	21.66	21.66
		2545.8(40148)	21.46	21.59	21.69	21.69
		2498.5 (39675)	21.49	21.80	21.72	21.71
	12RB-High (13)	2687.5 (41565)	21.61	21.68	21.84	21.84
		2640.3(41093)	21.69	21.89	21.62	21.61
		2593 (40620)	21.57	21.72	21.79	21.79
		2545.8(40148)	21.54	21.80	21.75	21.75
		2498.5 (39675)	21.56	21.90	21.77	21.77
	12RB-Middle (6)	2687.5 (41565)	21.70	21.69	21.63	21.62
		2640.3(41093)	21.72	21.77	21.64	21.64
		2593 (40620)	21.55	21.74	21.76	21.76
		2545.8(40148)	21.61	21.81	21.84	21.84
		2498.5 (39675)	21.58	21.75	21.80	21.80
	12RB-Low (0)	2687.5 (41565)	21.58	21.83	21.80	21.80
		2640.3(41093)	21.69	21.70	21.62	21.61
		2593 (40620)	21.56	21.80	21.77	21.77
		2545.8(40148)	21.51	21.82	21.73	21.73
		2498.5 (39675)	21.55	21.80	21.76	21.76
	25RB (0)	2687.5 (41565)	21.63	21.62	21.86	21.86
		2640.3(41093)	21.64	21.66	21.87	21.87
		2593 (40620)	21.52	21.81	21.74	21.74
		2545.8(40148)	21.54	21.81	21.75	21.75
		2498.5 (39675)	21.55	21.75	21.76	21.76

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10MHz	1RB-High (49)	2685 (41540)	21.56	21.62	21.77	21.77
		2639(41080)	21.57	21.74	21.79	21.79
		2593 (40620)	21.44	21.88	21.66	21.66
		2547(40160)	21.52	21.64	21.74	21.74
		2501 (39700)	21.42	21.82	21.64	21.64
	1RB-Middle (24)	2685 (41540)	21.59	21.66	21.82	21.82
		2639(41080)	21.61	21.81	21.84	21.84
		2593 (40620)	21.51	21.81	21.73	21.73
		2547(40160)	21.55	21.78	21.76	21.76
		2501 (39700)	21.48	21.90	21.71	21.71
	1RB-Low (0)	2685 (41540)	21.62	21.61	21.85	21.85
		2639(41080)	21.57	21.80	21.79	21.79
		2593 (40620)	21.47	21.71	21.70	21.70
		2547(40160)	21.47	21.84	21.70	21.70
		2501 (39700)	21.41	21.90	21.63	21.63
	25RB-High (25)	2685 (41540)	21.68	21.64	21.61	21.61
		2639(41080)	21.68	21.70	21.61	21.61
		2593 (40620)	21.55	21.85	21.76	21.76
		2547(40160)	21.59	21.90	21.82	21.82
		2501 (39700)	21.44	21.80	21.66	21.66
	25RB-Middle (12)	2685 (41540)	21.69	21.69	21.62	21.61
		2639(41080)	21.71	21.72	21.63	21.63
		2593 (40620)	21.63	21.85	21.86	21.86
		2547(40160)	21.62	21.61	21.85	21.85
		2501 (39700)	21.52	21.81	21.74	21.74
	25RB-Low (0)	2685 (41540)	21.59	21.85	21.82	21.82
		2639(41080)	21.70	21.62	21.63	21.62
		2593 (40620)	21.57	21.89	21.79	21.79
		2547(40160)	21.61	21.85	21.84	21.84
		2501 (39700)	21.54	21.82	21.75	21.75
	50RB (0)	2685 (41540)	21.67	21.68	21.90	21.90
		2639(41080)	21.70	21.69	21.63	21.62
		2593 (40620)	21.58	21.85	21.81	21.81
		2547(40160)	21.56	21.86	21.77	21.77
		2501 (39700)	21.52	21.80	21.74	21.74

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15MHz	1RB-High (74)	2682.5 (41515)	21.44	21.80	21.66	21.66
		2637.8(41068)	21.38	21.82	21.61	21.61
		2593 (40620)	21.38	21.68	21.61	21.61
		2548.3(40173)	21.48	21.79	21.71	21.71
		2503.5 (39725)	21.22	21.61	21.44	21.44
	1RB-Middle (37)	2682.5 (41515)	21.48	21.72	21.71	21.71
		2637.8(41068)	21.41	21.85	21.63	21.63
		2593 (40620)	21.43	21.64	21.65	21.65
		2548.3(40173)	21.35	21.65	21.58	21.58
		2503.5 (39725)	21.22	21.54	21.44	21.44
	1RB-Low (0)	2682.5 (41515)	21.45	21.70	21.67	21.68
		2637.8(41068)	21.57	21.78	21.79	21.79
		2593 (40620)	21.34	21.63	21.56	21.56
		2548.3(40173)	21.36	21.62	21.59	21.59
		2503.5 (39725)	21.25	21.63	21.48	21.48
	36RB-High (38)	2682.5 (41515)	21.48	21.79	21.71	21.71
		2637.8(41068)	21.55	21.84	21.76	21.76
		2593 (40620)	21.43	21.73	21.65	21.65
		2548.3(40173)	21.49	21.73	21.72	21.71
		2503.5 (39725)	21.32	21.59	21.54	21.54
	36RB-Middle (19)	2682.5 (41515)	21.51	21.81	21.73	21.73
		2637.8(41068)	21.51	21.83	21.73	21.73
		2593 (40620)	21.47	21.69	21.70	21.70
		2548.3(40173)	21.42	21.71	21.64	21.64
		2503.5 (39725)	21.35	21.62	21.58	21.58
	36RB-Low (0)	2682.5 (41515)	21.46	21.75	21.69	21.69
		2637.8(41068)	21.50	21.76	21.72	21.72
		2593 (40620)	21.45	21.73	21.67	21.68
		2548.3(40173)	21.44	21.66	21.66	21.66
		2503.5 (39725)	21.36	21.64	21.59	21.59
	75RB (0)	2682.5 (41515)	21.50	21.79	21.72	21.72
		2637.8(41068)	21.56	21.82	21.77	21.77
		2593 (40620)	21.45	21.72	21.67	21.68
		2548.3(40173)	21.44	21.74	21.66	21.66
		2503.5 (39725)	21.36	21.65	21.59	21.59

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20MHz	1RB-High (99)	2680 (41490)	21.34	21.71	21.75	21.52
		2636.5(41055)	21.41	21.84	21.57	21.58
		2593 (40620)	21.23	21.72	21.36	21.47
		2549.5(40185)	21.24	21.59	21.39	21.39
		2506 (39750)	21.20	21.49	21.41	21.45
	1RB-Middle (50)	2680 (41490)	21.28	21.86	21.64	21.51
		2636.5(41055)	21.36	21.62	21.71	21.53
		2593 (40620)	21.20	21.78	21.82	21.50
		2549.5(40185)	21.23	21.63	21.46	21.59
		2506 (39750)	21.19	21.79	21.67	21.62
	1RB-Low (0)	2680 (41490)	21.47	21.86	21.73	21.64
		2636.5(41055)	21.44	21.66	21.52	21.61
		2593 (40620)	21.24	21.81	21.52	21.58
		2549.5(40185)	21.25	21.65	21.51	21.60
		2506 (39750)	21.19	21.53	21.41	21.41
	50RB-High (50)	2680 (41490)	21.49	21.52	21.53	21.60
		2636.5(41055)	21.51	21.52	21.50	21.60
		2593 (40620)	21.33	21.37	21.39	21.56
		2549.5(40185)	21.44	21.48	21.44	21.53
		2506 (39750)	21.33	21.39	21.34	21.65
	50RB-Middle (25)	2680 (41490)	21.57	21.55	21.55	21.56
		2636.5(41055)	21.54	21.54	21.53	21.60
		2593 (40620)	21.39	21.43	21.42	21.60
		2549.5(40185)	21.45	21.47	21.48	21.59
		2506 (39750)	21.32	21.37	21.34	21.66
	50RB-Low (0)	2680 (41490)	21.48	21.48	21.52	21.55
		2636.5(41055)	21.44	21.44	21.46	21.52
		2593 (40620)	21.35	21.38	21.36	21.51
		2549.5(40185)	21.50	21.47	21.47	21.58
		2506 (39750)	21.28	21.31	21.31	21.54
	100RB (0)	2680 (41490)	21.53	21.52	21.51	21.55
		2636.5(41055)	21.53	21.51	21.54	21.59
		2593 (40620)	21.35	21.38	21.41	21.59
		2549.5(40185)	21.46	21.50	21.44	21.62
		2506 (39750)	21.32	21.36	21.39	21.65

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LTE Band41 PC2(ANT3 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	26.08	25.21	24.09	21.05
		2640.3(41093)	26.03	25.10	23.99	20.96
		2593 (40620)	26.03	25.08	24.03	21.00
		2545.8(40148)	26.09	25.02	24.10	21.06
		2498.5 (39675)	26.06	25.08	23.90	20.88
	1RB-Middle (12)	2687.5 (41565)	26.26	25.12	24.10	21.06
		2640.3(41093)	26.12	25.08	24.00	20.97
		2593 (40620)	26.07	25.20	24.15	21.10
		2545.8(40148)	26.08	25.04	24.06	21.02
		2498.5 (39675)	26.18	25.27	24.09	21.05
	1RB-Low (0)	2687.5 (41565)	26.11	25.06	24.05	21.01
		2640.3(41093)	26.05	25.03	23.91	20.89
		2593 (40620)	26.08	24.93	23.97	20.94
		2545.8(40148)	26.08	25.13	24.06	21.02
		2498.5 (39675)	26.09	25.03	24.10	21.06
	12RB-High (13)	2687.5 (41565)	25.24	23.81	22.91	20.99
		2640.3(41093)	25.14	23.87	22.87	20.95
		2593 (40620)	25.15	23.92	22.80	20.89
		2545.8(40148)	25.18	23.82	22.88	20.96
		2498.5 (39675)	25.19	23.77	22.91	20.99
	12RB-Middle (6)	2687.5 (41565)	25.27	23.93	22.95	21.03
		2640.3(41093)	25.18	23.73	22.96	21.04
		2593 (40620)	25.19	23.96	22.86	20.94
		2545.8(40148)	25.25	23.87	22.91	20.99
		2498.5 (39675)	25.21	23.88	22.79	20.88
	12RB-Low (0)	2687.5 (41565)	25.16	23.85	22.78	20.87
		2640.3(41093)	25.22	23.93	22.79	20.88
		2593 (40620)	25.20	23.88	22.77	20.86
		2545.8(40148)	25.20	23.89	22.85	20.94
		2498.5 (39675)	25.16	23.82	22.96	21.04
	25RB (0)	2687.5 (41565)	25.24	23.88	22.87	20.95
		2640.3(41093)	25.14	23.86	22.81	20.90
		2593 (40620)	25.16	23.77	22.82	20.91
		2545.8(40148)	25.20	23.87	22.85	20.94
		2498.5 (39675)	24.15	22.77	22.78	20.87

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10MHz	1RB-High (49)	2685 (41540)	26.16	25.09	23.91	20.89
		2639(41080)	26.03	25.20	23.95	20.93
		2593 (40620)	26.04	25.05	23.96	20.93
		2547(40160)	26.19	25.26	23.96	20.93
		2501 (39700)	26.04	25.03	23.92	20.90
	1RB-Middle (24)	2685 (41540)	26.20	25.20	24.20	21.15
		2639(41080)	26.07	25.13	24.06	21.02
		2593 (40620)	26.11	25.04	24.00	20.97
		2547(40160)	26.10	25.17	24.14	21.09
		2501 (39700)	26.05	25.02	23.94	20.92
	1RB-Low (0)	2685 (41540)	26.23	25.24	24.06	21.02
		2639(41080)	26.07	25.27	24.14	21.09
		2593 (40620)	26.05	25.23	24.13	21.09
		2547(40160)	26.11	25.04	24.01	20.98
		2501 (39700)	26.09	25.09	24.07	21.03
	25RB-High (25)	2685 (41540)	25.25	23.89	22.91	20.99
		2639(41080)	25.15	23.77	22.78	20.87
		2593 (40620)	25.24	23.78	22.82	20.91
		2547(40160)	25.21	23.90	22.87	20.95
		2501 (39700)	25.11	23.79	22.73	20.82
	25RB-Middle (12)	2685 (41540)	25.21	23.90	22.86	20.94
		2639(41080)	25.19	23.86	22.85	20.94
		2593 (40620)	25.22	23.87	22.85	20.94
		2547(40160)	25.25	23.85	22.87	20.95
		2501 (39700)	25.17	23.74	22.79	20.88
	25RB-Low (0)	2685 (41540)	25.20	23.86	22.88	20.96
		2639(41080)	25.17	23.81	22.85	20.94
		2593 (40620)	25.19	23.89	22.84	20.93
		2547(40160)	25.25	23.86	22.84	20.93
		2501 (39700)	25.16	23.81	22.82	20.91
	50RB (0)	2685 (41540)	25.22	23.84	22.83	20.92
		2639(41080)	25.16	23.81	22.82	20.91
		2593 (40620)	24.36	22.98	22.83	20.92
		2547(40160)	24.45	23.05	22.86	20.94
		2501 (39700)	24.34	22.97	22.80	20.89

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15MHz	1RB-High (74)	2682.5 (41515)	25.95	24.96	23.92	20.90
		2637.8(41068)	25.96	24.94	23.82	20.81
		2593 (40620)	25.86	24.86	23.82	20.81
		2548.3(40173)	25.99	24.99	23.94	20.92
		2503.5 (39725)	25.75	24.75	23.68	20.69
	1RB-Middle (37)	2682.5 (41515)	25.98	25.06	23.91	20.89
		2637.8(41068)	25.87	25.10	23.71	20.71
		2593 (40620)	25.89	25.02	23.84	20.83
		2548.3(40173)	25.97	25.06	23.83	20.82
		2503.5 (39725)	25.77	24.93	23.71	20.71
	1RB-Low (0)	2682.5 (41515)	26.03	25.17	23.89	20.87
		2637.8(41068)	25.83	24.99	23.79	20.78
		2593 (40620)	25.94	24.95	23.93	20.91
		2548.3(40173)	25.93	25.01	23.82	20.81
		2503.5 (39725)	25.81	24.75	23.71	20.71
	36RB-High (38)	2682.5 (41515)	25.14	23.73	22.78	20.87
		2637.8(41068)	25.05	23.63	22.71	20.80
		2593 (40620)	25.06	23.65	22.69	20.79
		2548.3(40173)	25.11	23.72	22.79	20.88
		2503.5 (39725)	24.94	23.60	22.58	20.68
	36RB-Middle (19)	2682.5 (41515)	25.12	23.72	22.82	20.91
		2637.8(41068)	25.04	23.67	22.71	20.80
		2593 (40620)	25.05	23.69	22.71	20.80
		2548.3(40173)	25.13	23.77	22.74	20.83
		2503.5 (39725)	24.96	23.65	22.64	20.74
	36RB-Low (0)	2682.5 (41515)	25.11	23.70	22.75	20.84
		2637.8(41068)	24.98	23.59	22.62	20.72
		2593 (40620)	25.00	23.64	22.63	20.73
		2548.3(40173)	25.00	23.68	22.66	20.76
		2503.5 (39725)	25.01	23.64	22.64	20.74
	75RB (0)	2682.5 (41515)	25.16	23.74	22.79	20.88
		2637.8(41068)	25.08	23.68	22.70	20.80
		2593 (40620)	24.25	22.85	22.67	20.77
		2548.3(40173)	24.30	22.89	22.72	20.81
		2503.5 (39725)	24.19	22.81	22.62	20.72

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20MHz	1RB-High (99)	2680 (41490)	26.07	25.04	23.75	20.75
		2636.5(41055)	25.90	25.02	23.72	20.72
		2593 (40620)	25.85	24.99	23.78	20.78
		2549.5(40185)	25.92	25.22	23.91	20.89
		2506 (39750)	25.91	24.71	23.54	20.56
	1RB-Middle (50)	2680 (41490)	25.99	25.29	24.06	21.02
		2636.5(41055)	25.88	24.88	23.64	20.65
		2593 (40620)	25.86	24.91	23.97	20.94
		2549.5(40185)	25.94	25.13	23.99	20.96
		2506 (39750)	25.84	24.96	23.81	20.80
	1RB-Low (0)	2680 (41490)	26.14	25.00	24.09	21.05
		2636.5(41055)	25.96	24.99	23.94	20.92
		2593 (40620)	25.96	25.12	23.95	20.93
		2549.5(40185)	25.86	24.82	24.04	21.01
		2506 (39750)	25.89	24.83	23.68	20.69
	50RB-High (50)	2680 (41490)	25.15	23.73	22.78	20.87
		2636.5(41055)	25.07	23.67	22.76	20.85
		2593 (40620)	25.02	23.68	22.68	20.78
		2549.5(40185)	25.10	23.76	22.75	20.84
		2506 (39750)	24.95	23.58	22.64	20.74
	50RB-Middle (25)	2680 (41490)	25.09	23.69	22.75	20.84
		2636.5(41055)	25.08	23.70	22.76	20.85
		2593 (40620)	25.07	23.70	22.73	20.82
		2549.5(40185)	25.12	23.78	22.75	20.84
		2506 (39750)	24.99	23.61	22.61	20.71
	50RB-Low (0)	2680 (41490)	25.09	23.76	22.81	20.90
		2636.5(41055)	24.98	23.60	22.66	20.76
		2593 (40620)	25.04	23.67	22.66	20.76
		2549.5(40185)	25.07	23.61	22.67	20.77
		2506 (39750)	24.88	23.55	22.58	20.68
	100RB (0)	2680 (41490)	25.07	23.70	22.72	20.81
		2636.5(41055)	25.06	23.72	22.74	20.83
		2593 (40620)	24.24	22.89	22.73	20.82
		2549.5(40185)	24.31	22.95	22.72	20.81
		2506 (39750)	24.21	22.79	22.67	20.77

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LTE Band41 PC2(ANT3 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	19.04	19.45	19.36	19.14
		2640.3(41093)	19.07	19.40	19.31	19.09
		2593 (40620)	19.10	19.55	19.66	19.44
		2545.8(40148)	19.12	19.61	19.52	19.30
		2498.5 (39675)	19.12	19.59	19.50	19.28
	1RB-Middle (12)	2687.5 (41565)	19.09	19.49	19.40	19.18
		2640.3(41093)	19.07	19.58	19.49	19.27
		2593 (40620)	19.08	19.55	19.46	19.24
		2545.8(40148)	19.14	19.47	19.38	19.16
		2498.5 (39675)	19.16	19.67	19.58	19.36
	1RB-Low (0)	2687.5 (41565)	19.15	19.46	19.37	19.15
		2640.3(41093)	19.07	19.54	19.45	19.23
		2593 (40620)	19.16	19.66	19.57	19.35
		2545.8(40148)	19.13	19.55	19.46	19.24
		2498.5 (39675)	19.08	19.38	19.29	19.08
	12RB-High (13)	2687.5 (41565)	19.24	19.23	19.14	18.93
		2640.3(41093)	19.23	19.29	19.20	18.99
		2593 (40620)	19.26	19.28	19.19	18.98
		2545.8(40148)	19.32	19.35	19.26	19.05
		2498.5 (39675)	19.29	19.36	19.27	19.06
	12RB-Middle (6)	2687.5 (41565)	19.19	19.19	19.10	18.89
		2640.3(41093)	19.26	19.24	19.15	18.94
		2593 (40620)	19.28	19.28	19.19	18.98
		2545.8(40148)	19.28	19.33	19.24	19.03
		2498.5 (39675)	19.29	19.34	19.25	19.04
	12RB-Low (0)	2687.5 (41565)	19.21	19.23	19.14	18.93
		2640.3(41093)	19.15	19.17	19.08	18.87
		2593 (40620)	19.22	19.20	19.11	18.90
		2545.8(40148)	19.22	19.28	19.19	18.98
		2498.5 (39675)	19.28	19.30	19.21	19.00
	25RB (0)	2687.5 (41565)	19.14	19.20	19.11	18.90
		2640.3(41093)	19.25	19.27	19.18	18.97
		2593 (40620)	19.28	19.32	19.23	19.02
		2545.8(40148)	19.33	19.34	19.25	19.04
		2498.5 (39675)	19.28	19.32	19.23	19.02

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10MHz	1RB-High (49)	2685 (41540)	19.12	19.44	19.35	19.13
		2639(41080)	19.04	19.62	19.53	19.31
		2593 (40620)	19.09	19.53	19.44	19.22
		2547(40160)	19.03	19.46	19.37	19.15
		2501 (39700)	19.11	19.67	19.58	19.36
	1RB-Middle (24)	2685 (41540)	19.09	19.53	19.64	19.42
		2639(41080)	19.10	19.51	19.52	19.49
		2593 (40620)	19.11	19.65	19.56	19.34
		2547(40160)	19.10	19.28	19.54	19.52
		2501 (39700)	19.12	19.49	19.40	19.52
	1RB-Low (0)	2685 (41540)	19.15	19.63	19.54	19.32
		2639(41080)	19.17	19.64	19.55	19.33
		2593 (40620)	19.21	19.65	19.56	19.34
		2547(40160)	19.11	19.55	19.66	19.44
		2501 (39700)	19.03	19.51	19.42	19.20
	25RB-High (25)	2685 (41540)	19.27	19.25	19.16	18.95
		2639(41080)	19.25	19.24	19.15	18.94
		2593 (40620)	19.29	19.28	19.19	18.98
		2547(40160)	19.29	19.29	19.20	18.99
		2501 (39700)	19.31	19.36	19.27	19.06
	25RB-Middle (12)	2685 (41540)	19.23	19.20	19.11	18.90
		2639(41080)	19.27	19.32	19.23	19.02
		2593 (40620)	19.25	19.25	19.16	18.95
		2547(40160)	19.34	19.40	19.31	19.09
		2501 (39700)	19.37	19.38	19.29	19.08
	25RB-Low (0)	2685 (41540)	19.19	19.24	19.15	18.94
		2639(41080)	19.20	19.23	19.14	18.93
		2593 (40620)	19.22	19.23	19.14	18.93
		2547(40160)	19.28	19.30	19.21	19.00
		2501 (39700)	19.23	19.27	19.18	18.97
	50RB (0)	2685 (41540)	19.20	19.18	19.09	18.88
		2639(41080)	19.29	19.29	19.20	18.99
		2593 (40620)	19.26	19.30	19.21	19.00
		2547(40160)	19.31	19.35	19.26	19.05
		2501 (39700)	19.34	19.35	19.26	19.05

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15MHz	1RB-High (74)	2682.5 (41515)	19.10	19.51	19.42	19.20
		2637.8(41068)	19.13	19.46	19.37	19.15
		2593 (40620)	19.16	19.26	19.52	19.50
		2548.3(40173)	19.18	19.67	19.58	19.36
		2503.5 (39725)	19.18	19.65	19.56	19.34
	1RB-Middle (37)	2682.5 (41515)	19.15	19.55	19.46	19.24
		2637.8(41068)	19.13	19.64	19.55	19.33
		2593 (40620)	19.14	19.61	19.52	19.30
		2548.3(40173)	19.20	19.53	19.44	19.22
		2503.5 (39725)	19.22	19.53	19.64	19.42
	1RB-Low (0)	2682.5 (41515)	19.21	19.52	19.43	19.21
		2637.8(41068)	19.13	19.60	19.51	19.29
		2593 (40620)	19.22	19.52	19.63	19.41
		2548.3(40173)	19.19	19.61	19.52	19.30
		2503.5 (39725)	19.14	19.44	19.35	19.13
	36RB-High (38)	2682.5 (41515)	19.30	19.29	19.20	18.99
		2637.8(41068)	19.29	19.35	19.26	19.05
		2593 (40620)	19.32	19.34	19.25	19.04
		2548.3(40173)	19.38	19.41	19.32	19.10
		2503.5 (39725)	19.35	19.42	19.33	19.11
	36RB-Middle (19)	2682.5 (41515)	19.25	19.25	19.16	18.95
		2637.8(41068)	19.32	19.30	19.21	19.00
		2593 (40620)	19.34	19.34	19.25	19.04
		2548.3(40173)	19.34	19.39	19.30	19.09
		2503.5 (39725)	19.35	19.40	19.31	19.09
	36RB-Low (0)	2682.5 (41515)	19.27	19.29	19.20	18.99
		2637.8(41068)	19.21	19.23	19.14	18.93
		2593 (40620)	19.28	19.26	19.17	18.96
		2548.3(40173)	19.28	19.34	19.25	19.04
		2503.5 (39725)	19.34	19.36	19.27	19.06
	75RB (0)	2682.5 (41515)	19.20	19.26	19.17	18.96
		2637.8(41068)	19.31	19.33	19.24	19.03
		2593 (40620)	19.34	19.38	19.29	19.08
		2548.3(40173)	19.39	19.40	19.31	19.09
		2503.5 (39725)	19.34	19.38	19.29	19.08

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20MHz	1RB-High (99)	2680 (41490)	19.18	19.50	19.41	19.19
		2636.5(41055)	19.10	19.68	19.59	19.37
		2593 (40620)	19.15	19.59	19.50	19.28
		2549.5(40185)	19.09	19.52	19.43	19.21
		2506 (39750)	19.17	19.53	19.64	19.42
	1RB-Middle (50)	2680 (41490)	19.15	19.59	19.50	19.48
		2636.5(41055)	19.16	19.57	19.58	19.55
		2593 (40620)	19.17	19.51	19.62	19.40
		2549.5(40185)	19.16	19.34	19.60	19.58
		2506 (39750)	19.18	19.55	19.46	19.58
	1RB-Low (0)	2680 (41490)	19.28	19.49	19.60	19.38
		2636.5(41055)	19.23	19.50	19.61	19.39
		2593 (40620)	19.27	19.51	19.62	19.40
		2549.5(40185)	19.17	19.26	19.52	19.50
		2506 (39750)	19.09	19.57	19.48	19.26
	50RB-High (50)	2680 (41490)	19.45	19.31	19.22	19.01
		2636.5(41055)	19.41	19.30	19.21	19.00
		2593 (40620)	19.42	19.34	19.25	19.04
		2549.5(40185)	19.41	19.35	19.26	19.05
		2506 (39750)	19.44	19.42	19.33	19.11
	50RB-Middle (25)	2680 (41490)	19.29	19.26	19.17	18.96
		2636.5(41055)	19.33	19.38	19.29	19.08
		2593 (40620)	19.31	19.31	19.22	19.01
		2549.5(40185)	19.40	19.46	19.37	19.15
		2506 (39750)	19.43	19.44	19.35	19.13
	50RB-Low (0)	2680 (41490)	19.25	19.30	19.21	19.00
		2636.5(41055)	19.26	19.29	19.20	18.99
		2593 (40620)	19.28	19.29	19.20	18.99
		2549.5(40185)	19.34	19.36	19.27	19.06
		2506 (39750)	19.29	19.33	19.24	19.03
	100RB (0)	2680 (41490)	19.42	19.24	19.15	18.94
		2636.5(41055)	19.35	19.35	19.26	19.05
		2593 (40620)	19.32	19.36	19.27	19.06
		2549.5(40185)	19.37	19.41	19.32	19.10
		2506 (39750)	19.40	19.41	19.32	19.10

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LTE Band41 PC2(ANT4 DSI 1/2/5/12/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	26.07	25.21	23.93	20.96
		2640.3(41093)	25.73	25.16	23.83	20.87
		2593 (40620)	25.77	25.09	23.87	20.91
		2545.8(40148)	25.84	25.16	23.94	20.97
		2498.5 (39675)	25.22	24.65	23.74	20.79
	1RB-Middle (12)	2687.5 (41565)	26.18	25.26	23.94	20.97
		2640.3(41093)	25.81	25.13	23.84	20.88
		2593 (40620)	25.76	25.28	23.99	21.01
		2545.8(40148)	25.84	25.06	23.90	20.93
		2498.5 (39675)	25.38	24.75	23.93	20.96
	1RB-Low (0)	2687.5 (41565)	26.08	25.14	23.89	20.92
		2640.3(41093)	25.75	25.19	23.75	20.80
		2593 (40620)	25.82	25.17	23.81	20.85
		2545.8(40148)	25.68	25.10	23.90	20.93
		2498.5 (39675)	25.24	24.66	23.94	20.97
	12RB-High (13)	2687.5 (41565)	25.22	24.24	22.76	20.90
		2640.3(41093)	24.84	23.98	22.72	20.86
		2593 (40620)	24.85	23.97	22.65	20.80
		2545.8(40148)	24.89	24.00	22.73	20.87
		2498.5 (39675)	24.30	23.36	22.76	20.90
	12RB-Middle (6)	2687.5 (41565)	25.22	24.25	22.80	20.94
		2640.3(41093)	24.92	23.98	22.81	20.95
		2593 (40620)	24.89	23.99	22.71	20.85
		2545.8(40148)	24.94	24.02	22.76	20.90
		2498.5 (39675)	24.35	23.45	22.64	20.79
	12RB-Low (0)	2687.5 (41565)	25.19	24.12	22.63	20.78
		2640.3(41093)	24.88	24.01	22.64	20.79
		2593 (40620)	24.86	23.93	22.62	20.77
		2545.8(40148)	24.88	23.99	22.70	20.85
		2498.5 (39675)	24.34	23.42	22.81	20.95
	25RB (0)	2687.5 (41565)	25.21	24.23	22.72	20.86
		2640.3(41093)	24.87	23.94	22.66	20.81
		2593 (40620)	24.86	23.86	22.67	20.82
		2545.8(40148)	24.88	23.97	22.70	20.85
		2498.5 (39675)	23.30	22.34	22.63	20.78

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10MHz	1RB-High (49)	2685 (41540)	26.14	25.15	23.75	20.80
		2639(41080)	25.84	25.22	23.79	20.84
		2593 (40620)	25.68	25.21	23.80	20.84
		2547(40160)	25.89	25.26	23.80	20.84
		2501 (39700)	25.29	24.77	23.76	20.81
	1RB-Middle (24)	2685 (41540)	26.21	25.29	24.04	21.06
		2639(41080)	25.87	25.29	23.90	20.93
		2593 (40620)	25.80	25.19	23.84	20.88
		2547(40160)	25.91	25.21	23.98	21.00
		2501 (39700)	25.23	24.76	23.78	20.83
	1RB-Low (0)	2685 (41540)	26.06	25.24	23.90	20.93
		2639(41080)	25.78	25.13	23.98	21.00
		2593 (40620)	25.81	25.19	23.97	21.00
		2547(40160)	25.82	25.22	23.85	20.89
		2501 (39700)	25.25	24.64	23.91	20.94
	25RB-High (25)	2685 (41540)	25.22	24.28	22.76	20.90
		2639(41080)	24.97	23.94	22.63	20.78
		2593 (40620)	24.95	23.91	22.67	20.82
		2547(40160)	25.05	24.08	22.72	20.86
		2501 (39700)	24.39	23.50	22.58	20.73
	25RB-Middle (12)	2685 (41540)	25.19	24.24	22.71	20.85
		2639(41080)	24.96	23.98	22.70	20.85
		2593 (40620)	24.92	23.97	22.70	20.85
		2547(40160)	25.06	24.09	22.72	20.86
		2501 (39700)	24.42	23.44	22.64	20.79
	25RB-Low (0)	2685 (41540)	25.20	24.23	22.73	20.87
		2639(41080)	24.92	24.03	22.70	20.85
		2593 (40620)	24.95	23.96	22.69	20.84
		2547(40160)	24.97	24.02	22.69	20.84
		2501 (39700)	24.37	23.41	22.67	20.82
	50RB (0)	2685 (41540)	25.19	24.17	22.68	20.83
		2639(41080)	24.93	23.97	22.67	20.82
		2593 (40620)	24.90	23.90	22.68	20.83
		2547(40160)	24.99	24.02	22.71	20.85
		2501 (39700)	24.39	23.37	22.65	20.80

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15MHz	1RB-High (74)	2682.5 (41515)	26.00	25.26	23.76	20.81
		2637.8(41068)	25.72	25.10	23.66	20.72
		2593 (40620)	25.61	24.99	23.66	20.72
		2548.3(40173)	25.76	25.22	23.78	20.83
		2503.5 (39725)	25.16	24.52	23.52	20.60
	1RB-Middle (37)	2682.5 (41515)	25.92	25.28	23.75	20.80
		2637.8(41068)	25.61	25.04	23.55	20.62
		2593 (40620)	25.59	25.17	23.68	20.74
		2548.3(40173)	25.71	25.14	23.67	20.73
		2503.5 (39725)	25.11	24.62	23.55	20.62
	1RB-Low (0)	2682.5 (41515)	25.93	25.17	23.73	20.78
		2637.8(41068)	25.65	24.97	23.63	20.69
		2593 (40620)	25.64	25.09	23.77	20.82
		2548.3(40173)	25.58	24.96	23.66	20.72
		2503.5 (39725)	25.03	24.46	23.55	20.62
	36RB-High (38)	2682.5 (41515)	25.06	24.11	22.63	20.78
		2637.8(41068)	24.83	23.86	22.56	20.71
		2593 (40620)	24.73	23.75	22.54	20.70
		2548.3(40173)	24.94	23.96	22.64	20.79
		2503.5 (39725)	24.27	23.30	22.43	20.59
	36RB-Middle (19)	2682.5 (41515)	25.06	24.04	22.67	20.82
		2637.8(41068)	24.78	23.82	22.56	20.71
		2593 (40620)	24.77	23.77	22.56	20.71
		2548.3(40173)	24.86	23.89	22.59	20.74
		2503.5 (39725)	24.27	23.32	22.49	20.65
	36RB-Low (0)	2682.5 (41515)	25.03	24.07	22.60	20.75
		2637.8(41068)	24.70	23.76	22.47	20.63
		2593 (40620)	24.82	23.85	22.48	20.64
		2548.3(40173)	24.84	23.88	22.51	20.67
		2503.5 (39725)	24.21	23.21	22.49	20.65
	75RB (0)	2682.5 (41515)	24.98	24.07	22.64	20.79
		2637.8(41068)	24.76	23.84	22.55	20.71
		2593 (40620)	24.79	23.77	22.52	20.68
		2548.3(40173)	24.88	23.92	22.57	20.72
		2503.5 (39725)	24.27	23.28	22.47	20.63

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20MHz	1RB-High (99)	2680 (41490)	25.96	25.16	23.59	20.66
		2636.5(41055)	25.84	25.11	23.56	20.63
		2593 (40620)	25.61	24.99	23.62	20.69
		2549.5(40185)	25.81	25.07	23.75	20.80
		2506 (39750)	25.44	24.64	23.38	20.47
	1RB-Middle (50)	2680 (41490)	25.95	25.12	23.90	20.93
		2636.5(41055)	25.69	25.27	23.48	20.56
		2593 (40620)	25.68	25.08	23.81	20.85
		2549.5(40185)	25.84	25.17	23.83	20.87
		2506 (39750)	25.34	24.89	23.65	20.71
	1RB-Low (0)	2680 (41490)	26.11	25.30	23.93	20.96
		2636.5(41055)	25.73	25.19	23.78	20.83
		2593 (40620)	25.75	25.12	23.79	20.84
		2549.5(40185)	25.75	25.18	23.88	20.92
		2506 (39750)	25.20	24.57	23.52	20.60
	50RB-High (50)	2680 (41490)	25.13	24.13	22.63	20.78
		2636.5(41055)	24.91	23.91	22.61	20.76
		2593 (40620)	24.75	23.80	22.53	20.69
		2549.5(40185)	24.99	24.02	22.60	20.75
		2506 (39750)	24.49	23.48	22.49	20.65
	50RB-Middle (25)	2680 (41490)	25.08	24.10	22.60	20.75
		2636.5(41055)	24.90	23.91	22.61	20.76
		2593 (40620)	24.77	23.84	22.58	20.73
		2549.5(40185)	25.01	24.01	22.60	20.75
		2506 (39750)	24.43	23.47	22.46	20.62
	50RB-Low (0)	2680 (41490)	25.09	24.08	22.66	20.81
		2636.5(41055)	24.76	23.79	22.51	20.67
		2593 (40620)	24.85	23.90	22.51	20.67
		2549.5(40185)	24.88	23.89	22.52	20.68
		2506 (39750)	24.37	23.44	22.43	20.59
	100RB (0)	2680 (41490)	25.07	24.09	22.57	20.72
		2636.5(41055)	24.91	23.87	22.59	20.74
		2593 (40620)	24.80	23.83	22.58	20.73
		2549.5(40185)	24.97	24.01	22.57	20.72
		2506 (39750)	24.45	23.48	22.52	20.68

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LTE Band41 PC2(ANT4 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	16.69	17.00	16.95	16.80
		2640.3(41093)	16.97	17.01	16.91	16.76
		2593 (40620)	17.13	17.05	17.22	17.07
		2545.8(40148)	16.85	16.86	17.09	16.94
		2498.5 (39675)	16.90	17.02	17.07	16.92
	1RB-Middle (12)	2687.5 (41565)	16.80	17.13	16.99	16.84
		2640.3(41093)	16.98	17.13	17.07	16.92
		2593 (40620)	17.21	17.24	17.04	16.89
		2545.8(40148)	17.00	17.13	16.97	16.82
		2498.5 (39675)	16.91	17.11	17.14	16.99
	1RB-Low (0)	2687.5 (41565)	16.72	17.10	16.96	16.81
		2640.3(41093)	16.85	16.94	17.03	16.88
		2593 (40620)	17.15	16.89	17.14	16.99
		2545.8(40148)	16.84	16.91	17.04	16.89
		2498.5 (39675)	16.78	16.89	16.89	16.75
	12RB-High (13)	2687.5 (41565)	16.79	16.98	16.76	16.62
		2640.3(41093)	16.99	17.00	16.81	16.67
		2593 (40620)	17.08	16.97	16.80	16.66
		2545.8(40148)	16.91	16.95	16.86	16.72
		2498.5 (39675)	16.99	17.00	16.87	16.73
	12RB-Middle (6)	2687.5 (41565)	16.75	16.93	16.72	16.58
		2640.3(41093)	17.02	17.00	16.77	16.63
		2593 (40620)	17.22	17.01	16.80	16.66
		2545.8(40148)	16.94	16.99	16.85	16.71
		2498.5 (39675)	17.02	17.01	16.86	16.71
	12RB-Low (0)	2687.5 (41565)	16.73	16.88	16.76	16.62
		2640.3(41093)	16.88	17.08	16.71	16.56
		2593 (40620)	17.21	16.94	16.73	16.59
		2545.8(40148)	16.96	16.98	16.80	16.66
		2498.5 (39675)	16.99	16.99	16.82	16.68
	25RB (0)	2687.5 (41565)	16.73	16.74	16.73	16.59
		2640.3(41093)	16.96	17.02	16.79	16.65
		2593 (40620)	17.21	16.91	16.84	16.70
		2545.8(40148)	16.93	16.87	16.86	16.71
		2498.5 (39675)	16.97	16.98	16.84	16.70

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10MHz	1RB-High (49)	2685 (41540)	16.73	16.88	16.94	16.79
		2639(41080)	16.96	16.94	17.10	16.95
		2593 (40620)	17.10	16.97	17.02	16.87
		2547(40160)	16.74	17.14	16.96	16.81
		2501 (39700)	16.96	17.08	17.14	16.99
	1RB-Middle (24)	2685 (41540)	16.79	17.10	17.20	17.05
		2639(41080)	16.90	16.95	17.09	17.11
		2593 (40620)	17.12	16.96	17.13	16.98
		2547(40160)	16.76	16.86	17.11	17.14
		2501 (39700)	16.92	16.97	16.99	17.14
	1RB-Low (0)	2685 (41540)	16.81	16.97	17.11	16.96
		2639(41080)	16.79	16.92	17.12	16.97
		2593 (40620)	17.15	17.00	17.13	16.98
		2547(40160)	17.04	16.92	17.22	17.07
		2501 (39700)	16.85	16.87	17.00	16.85
	25RB-High (25)	2685 (41540)	16.85	16.82	16.78	16.63
		2639(41080)	16.96	17.04	16.77	16.63
		2593 (40620)	17.19	16.98	16.80	16.66
		2547(40160)	16.87	16.89	16.81	16.67
		2501 (39700)	17.03	17.08	16.87	16.73
	25RB-Middle (12)	2685 (41540)	16.74	16.80	16.73	16.59
		2639(41080)	17.00	17.01	16.84	16.70
		2593 (40620)	17.23	17.00	16.78	16.63
		2547(40160)	16.98	16.92	16.91	16.76
		2501 (39700)	17.00	17.03	16.89	16.75
	25RB-Low (0)	2685 (41540)	16.74	16.79	16.77	16.63
		2639(41080)	16.85	16.84	16.76	16.62
		2593 (40620)	17.17	16.96	16.76	16.62
		2547(40160)	16.94	16.95	16.82	16.68
		2501 (39700)	16.92	17.00	16.79	16.65
	50RB (0)	2685 (41540)	16.75	16.76	16.72	16.57
		2639(41080)	17.05	17.00	16.81	16.67
		2593 (40620)	17.20	16.92	16.82	16.68
		2547(40160)	16.94	16.87	16.86	16.72
		2501 (39700)	16.96	16.93	16.86	16.72

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15MHz	1RB-High (74)	2682.5 (41515)	16.58	17.09	17.00	16.85
		2637.8(41068)	16.98	16.93	16.96	16.81
		2593 (40620)	16.99	16.96	17.09	17.12
		2548.3(40173)	16.70	17.03	17.14	16.99
		2503.5 (39725)	16.91	16.88	17.13	16.98
	1RB-Middle (37)	2682.5 (41515)	16.67	17.05	17.04	16.89
		2637.8(41068)	16.70	17.06	17.12	16.97
		2593 (40620)	16.99	17.15	17.09	16.94
		2548.3(40173)	16.62	17.05	17.02	16.87
		2503.5 (39725)	16.77	17.05	17.20	17.05
	1RB-Low (0)	2682.5 (41515)	16.81	16.96	17.01	16.86
		2637.8(41068)	16.68	16.92	17.08	16.93
		2593 (40620)	16.96	17.12	17.19	17.04
		2548.3(40173)	16.70	17.06	17.09	16.94
		2503.5 (39725)	16.76	17.00	16.94	16.79
	36RB-High (38)	2682.5 (41515)	16.67	16.73	16.81	16.67
		2637.8(41068)	16.88	16.81	16.86	16.72
		2593 (40620)	17.08	17.09	16.86	16.71
		2548.3(40173)	16.71	16.72	16.92	16.77
		2503.5 (39725)	16.89	16.98	16.93	16.78
	36RB-Middle (19)	2682.5 (41515)	16.65	16.70	16.78	16.63
		2637.8(41068)	16.80	16.87	16.82	16.68
		2593 (40620)	17.07	17.12	16.86	16.71
		2548.3(40173)	16.74	16.77	16.90	16.76
		2503.5 (39725)	16.87	16.91	16.91	16.76
	36RB-Low (0)	2682.5 (41515)	16.75	16.80	16.81	16.67
		2637.8(41068)	16.74	16.76	16.76	16.62
		2593 (40620)	17.06	17.09	16.79	16.64
		2548.3(40173)	16.75	16.82	16.86	16.71
		2503.5 (39725)	16.80	16.85	16.87	16.73
	75RB (0)	2682.5 (41515)	16.67	16.70	16.79	16.64
		2637.8(41068)	16.77	16.85	16.85	16.71
		2593 (40620)	17.05	17.08	16.89	16.75
		2548.3(40173)	16.75	16.78	16.91	16.76
		2503.5 (39725)	16.86	16.90	16.89	16.75

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20MHz	1RB-High (99)	2680 (41490)	16.76	17.11	17.00	16.85
		2636.5(41055)	16.95	16.95	17.15	17.00
		2593 (40620)	17.02	17.07	17.07	16.92
		2549.5(40185)	16.60	17.09	17.01	16.86
		2506 (39750)	16.93	17.16	17.20	17.05
	1RB-Middle (50)	2680 (41490)	16.69	17.19	17.07	17.10
		2636.5(41055)	16.77	17.15	17.14	17.16
		2593 (40620)	16.97	16.99	17.18	17.03
		2549.5(40185)	16.64	17.14	17.16	17.19
		2506 (39750)	16.89	17.05	17.04	17.19
	1RB-Low (0)	2680 (41490)	17.05	17.10	17.16	17.01
		2636.5(41055)	16.77	17.14	17.17	17.02
		2593 (40620)	16.90	17.02	17.18	17.03
		2549.5(40185)	16.91	17.11	17.09	17.12
		2506 (39750)	16.78	17.02	17.06	16.91
	50RB-High (50)	2680 (41490)	16.71	16.77	16.83	16.69
		2636.5(41055)	16.90	16.92	16.82	16.68
		2593 (40620)	17.07	17.12	16.86	16.71
		2549.5(40185)	16.75	16.76	16.86	16.72
		2506 (39750)	16.74	17.05	16.93	16.78
	50RB-Middle (25)	2680 (41490)	16.80	16.82	16.79	16.64
		2636.5(41055)	16.83	16.86	16.89	16.75
		2593 (40620)	17.04	17.12	16.83	16.69
		2549.5(40185)	16.76	16.79	16.96	16.81
		2506 (39750)	17.01	16.94	16.94	16.79
	50RB-Low (0)	2680 (41490)	16.83	16.88	16.82	16.68
		2636.5(41055)	16.73	16.73	16.81	16.67
		2593 (40620)	17.06	17.10	16.81	16.67
		2549.5(40185)	16.76	16.82	16.87	16.73
		2506 (39750)	16.94	16.94	16.85	16.71
	100RB (0)	2680 (41490)	16.81	16.84	16.77	16.63
		2636.5(41055)	16.84	16.86	16.86	16.72
		2593 (40620)	17.03	17.09	16.87	16.73
		2549.5(40185)	16.74	16.80	16.92	16.77
		2506 (39750)	16.99	16.96	16.92	16.77

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LTE Band41 PC2(ANT5 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	24.21	23.59	23.04	20.18
		2640.3(41093)	24.48	23.79	23.07	19.90
		2593 (40620)	24.48	23.80	23.11	19.93
		2545.8(40148)	24.47	23.81	23.05	20.14
		2498.5 (39675)	24.25	23.51	22.74	18.75
	1RB-Middle (12)	2687.5 (41565)	24.27	23.88	23.06	20.23
		2640.3(41093)	24.50	24.06	23.27	20.07
		2593 (40620)	24.62	24.01	23.25	20.05
		2545.8(40148)	24.49	24.00	23.29	20.09
		2498.5 (39675)	24.03	23.47	22.52	18.56
	1RB-Low (0)	2687.5 (41565)	24.20	23.62	23.03	20.13
		2640.3(41093)	24.44	23.88	22.98	19.82
		2593 (40620)	24.55	23.87	23.18	19.99
		2545.8(40148)	24.44	23.77	23.27	20.08
		2498.5 (39675)	24.29	22.61	22.36	19.68
	12RB-High (13)	2687.5 (41565)	23.36	22.39	22.14	20.09
		2640.3(41093)	23.53	22.62	21.84	19.83
		2593 (40620)	23.65	22.72	22.01	19.98
		2545.8(40148)	23.54	22.52	22.16	20.11
		2498.5 (39675)	23.23	22.24	22.09	18.58
	12RB-Middle (6)	2687.5 (41565)	23.39	22.40	22.19	20.14
		2640.3(41093)	23.58	22.75	21.92	19.91
		2593 (40620)	23.68	22.72	21.91	19.90
		2545.8(40148)	23.58	22.69	22.06	20.02
		2498.5 (39675)	23.07	22.07	22.07	18.39
	12RB-Low (0)	2687.5 (41565)	23.33	22.42	22.16	20.11
		2640.3(41093)	23.55	22.49	21.86	19.85
		2593 (40620)	23.62	22.67	21.92	19.91
		2545.8(40148)	23.55	22.65	22.09	20.05
		2498.5 (39675)	22.71	21.77	22.05	20.05
	25RB (0)	2687.5 (41565)	23.32	22.38	22.07	20.03
		2640.3(41093)	23.56	22.59	21.85	19.84
		2593 (40620)	23.64	22.66	22.00	19.97
		2545.8(40148)	23.54	22.55	22.12	20.07
		2498.5 (39675)	23.60	22.43	22.00	20.08

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10MHz	1RB-High (49)	2685 (41540)	24.24	23.74	23.02	20.20
		2639(41080)	24.44	23.90	23.01	20.09
		2593 (40620)	24.53	23.97	23.00	20.03
		2547(40160)	24.47	23.89	23.09	20.15
		2501 (39700)	24.60	24.09	22.36	19.98
	1RB-Middle (24)	2685 (41540)	24.29	23.65	23.07	20.24
		2639(41080)	24.47	24.00	23.08	19.91
		2593 (40620)	24.59	24.08	23.27	20.07
		2547(40160)	24.53	23.99	23.04	20.22
		2501 (39700)	24.28	23.64	21.98	19.96
	1RB-Low (0)	2685 (41540)	24.26	23.71	23.05	20.28
		2639(41080)	24.44	23.96	23.15	19.97
		2593 (40620)	24.46	24.00	23.27	20.07
		2547(40160)	24.50	24.03	23.04	20.13
		2501 (39700)	23.44	23.02	22.85	19.72
	25RB-High (25)	2685 (41540)	23.34	22.43	22.18	20.13
		2639(41080)	23.59	22.62	21.90	19.89
		2593 (40620)	23.65	22.67	22.00	19.97
		2547(40160)	23.55	22.57	22.25	20.19
		2501 (39700)	23.53	22.56	20.98	19.09
	25RB-Middle (12)	2685 (41540)	23.32	22.37	22.17	20.12
		2639(41080)	23.58	22.69	21.93	19.92
		2593 (40620)	23.72	22.76	22.09	20.05
		2547(40160)	23.60	22.65	22.19	20.14
		2501 (39700)	23.38	22.37	20.71	18.86
	25RB-Low (0)	2685 (41540)	23.32	22.40	22.14	20.09
		2639(41080)	23.61	22.59	21.89	19.87
		2593 (40620)	23.67	22.70	22.06	20.02
		2547(40160)	23.63	22.64	22.20	20.15
		2501 (39700)	23.01	22.04	20.85	18.37
	50RB (0)	2685 (41540)	23.32	22.32	22.15	20.10
		2639(41080)	23.58	22.59	21.85	19.84
		2593 (40620)	23.67	22.67	21.98	19.96
		2547(40160)	23.63	22.60	22.17	20.12
		2501 (39700)	23.29	22.30	20.51	18.68

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15MHz	1RB-High (74)	2682.5 (41515)	24.09	23.64	23.25	20.05
		2637.8(41068)	24.37	23.61	22.88	19.73
		2593 (40620)	24.39	23.88	22.99	19.82
		2548.3(40173)	24.32	23.78	23.02	20.12
		2503.5 (39725)	24.47	23.77	22.29	19.22
	1RB-Middle (37)	2682.5 (41515)	24.10	23.36	23.04	20.20
		2637.8(41068)	24.26	23.64	23.22	20.03
		2593 (40620)	24.37	23.96	22.92	19.77
		2548.3(40173)	24.33	23.97	23.29	20.09
		2503.5 (39725)	24.25	23.86	22.00	18.97
	1RB-Low (0)	2682.5 (41515)	24.09	23.46	23.29	20.09
		2637.8(41068)	24.30	23.86	22.82	19.68
		2593 (40620)	24.35	23.71	23.20	20.01
		2548.3(40173)	24.33	23.79	23.10	19.92
		2503.5 (39725)	23.36	22.55	21.89	18.96
	36RB-High (38)	2682.5 (41515)	23.23	22.26	22.08	20.04
		2637.8(41068)	23.44	22.47	21.74	19.75
		2593 (40620)	23.57	22.61	21.81	19.81
		2548.3(40173)	23.46	22.48	22.12	20.07
		2503.5 (39725)	23.52	22.53	21.04	19.14
	36RB-Middle (19)	2682.5 (41515)	23.21	22.18	22.08	20.04
		2637.8(41068)	23.47	22.49	21.65	19.67
		2593 (40620)	23.54	22.58	21.90	19.88
		2548.3(40173)	23.46	22.48	22.05	20.02
		2503.5 (39725)	23.40	22.38	20.82	18.96
	36RB-Low (0)	2682.5 (41515)	23.20	22.20	21.94	19.92
		2637.8(41068)	23.40	22.49	21.67	19.69
		2593 (40620)	23.56	22.54	21.91	19.90
		2548.3(40173)	23.48	22.51	21.99	19.97
		2503.5 (39725)	23.08	22.08	20.79	18.42
	75RB (0)	2682.5 (41515)	23.18	22.16	22.01	19.98
		2637.8(41068)	23.48	22.54	21.68	19.70
		2593 (40620)	23.52	22.55	21.87	19.86
		2548.3(40173)	23.44	22.47	22.05	20.02
		2503.5 (39725)	23.29	22.30	20.69	18.84

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20MHz	1RB-High (99)	2680 (41490)	24.10	23.57	23.20	20.01
		2636.5(41055)	24.37	23.75	22.89	19.74
		2593 (40620)	24.39	23.92	22.90	19.75
		2549.5(40185)	24.23	23.68	23.25	20.05
		2506 (39750)	24.64	23.94	22.51	19.42
	1RB-Middle (50)	2680 (41490)	24.11	23.85	23.01	20.19
		2636.5(41055)	24.37	23.74	23.11	19.93
		2593 (40620)	24.42	23.76	23.00	19.84
		2549.5(40185)	24.39	23.98	23.30	20.10
		2506 (39750)	24.36	24.07	22.41	19.32
	1RB-Low (0)	2680 (41490)	24.37	23.76	23.17	19.98
		2636.5(41055)	24.44	23.81	22.98	19.82
		2593 (40620)	24.49	23.92	23.13	19.95
		2549.5(40185)	24.41	23.62	23.12	19.94
		2506 (39750)	23.45	22.74	22.37	19.74
	50RB-High (50)	2680 (41490)	23.25	22.27	22.08	20.04
		2636.5(41055)	23.46	22.45	21.78	19.78
		2593 (40620)	23.55	22.56	21.84	19.83
		2549.5(40185)	23.43	22.46	22.17	20.12
		2506 (39750)	23.61	22.65	21.29	19.36
	50RB-Middle (25)	2680 (41490)	23.23	22.21	22.03	20.00
		2636.5(41055)	23.52	22.56	21.71	19.72
		2593 (40620)	23.59	22.59	21.89	19.87
		2549.5(40185)	23.48	22.48	22.14	20.09
		2506 (39750)	23.55	22.54	21.04	19.14
	50RB-Low (0)	2680 (41490)	23.22	22.25	22.01	19.98
		2636.5(41055)	23.43	22.49	21.63	19.65
		2593 (40620)	23.54	22.58	21.95	19.93
		2549.5(40185)	23.40	22.45	22.00	19.97
		2506 (39750)	23.26	22.27	20.55	18.72
	100RB (0)	2680 (41490)	23.19	22.17	21.99	19.97
		2636.5(41055)	23.48	22.49	21.67	19.69
		2593 (40620)	23.53	22.54	21.88	19.87
		2549.5(40185)	23.47	22.45	22.08	20.04
		2506 (39750)	23.45	22.44	20.90	19.02

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LTE Band41 PC2(ANT5 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	15.95	16.27	15.95	15.91
		2640.3(41093)	16.07	16.54	16.22	16.03
		2593 (40620)	16.22	16.41	16.09	16.18
		2545.8(40148)	16.12	16.57	16.25	16.08
		2498.5 (39675)	15.91	16.40	16.08	15.87
	1RB-Middle (12)	2687.5 (41565)	16.01	16.48	16.16	15.97
		2640.3(41093)	16.21	16.44	16.12	16.17
		2593 (40620)	16.30	16.41	16.09	16.26
		2545.8(40148)	16.16	16.45	16.13	16.12
		2498.5 (39675)	15.55	16.01	15.70	15.51
	1RB-Low (0)	2687.5 (41565)	16.00	16.28	15.96	15.96
		2640.3(41093)	16.13	16.45	16.13	16.09
		2593 (40620)	16.25	16.41	16.09	16.21
		2545.8(40148)	16.08	16.59	16.27	16.04
		2498.5 (39675)	15.43	15.58	15.28	15.39
	12RB-High (13)	2687.5 (41565)	16.05	16.12	15.81	16.01
		2640.3(41093)	16.26	16.34	16.02	16.22
		2593 (40620)	16.38	16.46	16.14	16.34
		2545.8(40148)	16.24	16.35	16.03	16.20
		2498.5 (39675)	15.85	15.97	15.66	15.81
	12RB-Middle (6)	2687.5 (41565)	16.08	16.11	15.80	16.04
		2640.3(41093)	16.32	16.38	16.06	16.28
		2593 (40620)	16.35	16.42	16.10	16.31
		2545.8(40148)	16.30	16.36	16.04	16.26
		2498.5 (39675)	15.63	15.70	15.39	15.59
	12RB-Low (0)	2687.5 (41565)	16.02	16.05	15.74	15.98
		2640.3(41093)	16.26	16.21	15.90	16.22
		2593 (40620)	16.33	16.36	16.04	16.29
		2545.8(40148)	16.26	16.29	15.97	16.22
		2498.5 (39675)	15.15	15.31	15.01	15.11
	25RB (0)	2687.5 (41565)	16.02	16.05	15.74	15.98
		2640.3(41093)	16.22	16.27	15.95	16.18
		2593 (40620)	16.33	16.29	15.97	16.29
		2545.8(40148)	16.23	16.28	15.96	16.19
		2498.5 (39675)	15.52	15.58	15.28	15.48

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10MHz	1RB-High (49)	2685 (41540)	15.94	16.37	16.05	15.90
		2639(41080)	16.10	16.54	16.22	16.06
		2593 (40620)	16.22	16.48	16.16	16.18
		2547(40160)	16.11	16.46	16.14	16.07
		2501 (39700)	16.25	16.52	16.20	16.21
	1RB-Middle (24)	2685 (41540)	15.95	16.46	16.14	15.91
		2639(41080)	16.18	16.49	16.17	16.14
		2593 (40620)	16.29	16.41	16.09	16.25
		2547(40160)	16.13	16.58	16.26	16.09
		2501 (39700)	15.94	16.34	16.02	15.90
	1RB-Low (0)	2685 (41540)	15.90	16.37	16.05	15.86
		2639(41080)	16.15	16.47	16.15	16.11
		2593 (40620)	16.25	16.46	16.14	16.21
		2547(40160)	16.11	16.49	16.17	16.07
		2501 (39700)	16.06	15.52	15.22	16.02
	25RB-High (25)	2685 (41540)	16.07	16.08	15.77	16.03
		2639(41080)	16.27	16.22	15.91	16.23
		2593 (40620)	16.37	16.37	16.05	16.33
		2547(40160)	16.26	16.26	15.94	16.22
		2501 (39700)	16.22	16.25	15.93	16.18
	25RB-Middle (12)	2685 (41540)	15.98	16.02	15.71	15.94
		2639(41080)	16.31	16.33	16.01	16.27
		2593 (40620)	16.41	16.48	16.16	16.37
		2547(40160)	16.32	16.37	16.05	16.28
		2501 (39700)	16.02	16.06	15.75	15.98
	25RB-Low (0)	2685 (41540)	15.98	15.99	15.68	15.94
		2639(41080)	16.30	16.32	16.00	16.26
		2593 (40620)	16.39	16.40	16.08	16.35
		2547(40160)	16.30	16.34	16.02	16.26
		2501 (39700)	15.62	15.63	15.33	15.58
	50RB (0)	2685 (41540)	16.02	16.04	15.73	15.98
		2639(41080)	16.30	16.28	15.96	16.26
		2593 (40620)	16.38	16.36	16.04	16.34
		2547(40160)	16.30	16.31	15.99	16.26
		2501 (39700)	15.94	15.95	15.64	15.90

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15MHz	1RB-High (74)	2682.5 (41515)	15.85	16.20	15.89	15.81
		2637.8(41068)	15.98	16.51	16.19	15.94
		2593 (40620)	16.11	16.57	16.25	16.07
		2548.3(40173)	16.01	16.33	16.01	15.97
		2503.5 (39725)	16.08	16.45	16.13	16.04
	1RB-Middle (37)	2682.5 (41515)	15.77	16.41	16.09	15.73
		2637.8(41068)	16.00	16.35	16.03	15.96
		2593 (40620)	16.07	16.58	16.26	16.03
		2548.3(40173)	15.99	16.53	16.21	15.95
		2503.5 (39725)	15.92	16.32	16.00	15.88
	1RB-Low (0)	2682.5 (41515)	15.77	16.23	15.92	15.73
		2637.8(41068)	16.09	16.46	16.14	16.05
		2593 (40620)	16.12	16.50	16.18	16.08
		2548.3(40173)	15.99	16.36	16.04	15.95
		2503.5 (39725)	15.59	14.92	16.00	15.55
	36RB-High (38)	2682.5 (41515)	15.94	15.98	15.67	15.90
		2637.8(41068)	16.20	16.17	15.86	16.16
		2593 (40620)	16.22	16.25	15.93	16.18
		2548.3(40173)	16.15	16.16	15.85	16.11
		2503.5 (39725)	16.23	16.22	15.91	16.19
	36RB-Middle (19)	2682.5 (41515)	15.83	15.92	15.61	15.79
		2637.8(41068)	16.17	16.19	15.88	16.13
		2593 (40620)	16.25	16.26	15.94	16.21
		2548.3(40173)	16.16	16.13	15.82	16.12
		2503.5 (39725)	16.08	16.13	15.82	16.04
	36RB-Low (0)	2682.5 (41515)	15.93	15.93	15.62	15.89
		2637.8(41068)	16.16	16.20	15.89	16.12
		2593 (40620)	16.30	16.25	15.93	16.26
		2548.3(40173)	16.18	16.21	15.90	16.14
		2503.5 (39725)	15.68	15.73	15.42	15.64
	75RB (0)	2682.5 (41515)	15.87	15.92	15.61	15.83
		2637.8(41068)	16.15	16.21	15.90	16.11
		2593 (40620)	16.22	16.34	16.02	16.18
		2548.3(40173)	16.16	16.17	15.86	16.12
		2503.5 (39725)	15.99	16.02	15.71	15.95

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20MHz	1RB-High (99)	2680 (41490)	15.82	16.41	16.09	15.78
		2636.5(41055)	15.97	16.34	16.02	15.93
		2593 (40620)	16.20	16.59	16.27	16.18
		2549.5(40185)	15.87	16.25	15.93	15.83
		2506 (39750)	16.08	16.44	16.12	16.04
	1RB-Middle (50)	2680 (41490)	15.80	16.48	16.16	15.76
		2636.5(41055)	16.00	16.39	16.07	15.96
		2593 (40620)	16.17	16.34	16.02	16.13
		2549.5(40185)	15.98	16.54	16.22	15.94
		2506 (39750)	16.09	16.42	16.10	16.05
	1RB-Low (0)	2680 (41490)	15.89	16.47	16.15	15.85
		2636.5(41055)	16.08	16.51	16.19	16.04
		2593 (40620)	16.05	16.53	16.21	16.01
		2549.5(40185)	16.02	16.42	16.10	15.98
		2506 (39750)	16.22	15.17	14.87	14.88
	50RB-High (50)	2680 (41490)	15.98	15.98	15.67	15.94
		2636.5(41055)	16.14	16.19	15.88	16.10
		2593 (40620)	16.27	16.27	15.95	16.23
		2549.5(40185)	16.32	16.12	15.81	16.08
		2506 (39750)	16.30	16.33	16.01	16.26
	50RB-Middle (25)	2680 (41490)	15.88	15.93	15.62	15.84
		2636.5(41055)	16.22	16.23	15.92	16.18
		2593 (40620)	16.26	16.29	15.97	16.22
		2549.5(40185)	16.16	16.21	15.90	16.12
		2506 (39750)	16.23	16.26	15.94	16.19
	50RB-Low (0)	2680 (41490)	15.91	15.96	15.65	15.87
		2636.5(41055)	16.19	16.15	15.84	16.15
		2593 (40620)	16.28	16.24	15.93	16.24
		2549.5(40185)	16.17	16.21	15.90	16.13
		2506 (39750)	15.88	15.90	15.59	15.84
	100RB (0)	2680 (41490)	15.92	15.93	15.62	15.88
		2636.5(41055)	16.18	16.19	15.88	16.14
		2593 (40620)	16.25	16.20	15.89	16.21
		2549.5(40185)	16.19	16.19	15.88	16.15
		2506 (39750)	16.11	16.10	15.79	16.07

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LTE Band41 PC3(ANT2 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	24.05	23.98	23.29	20.07
		2640.3(41093)	24.14	24.02	23.33	20.11
		2593 (40620)	24.03	23.81	23.12	19.93
		2545.8(40148)	24.07	23.89	23.19	19.99
		2498.5 (39675)	24.00	23.98	23.29	20.07
	1RB-Middle (12)	2687.5 (41565)	24.11	24.16	23.46	20.22
		2640.3(41093)	24.30	24.35	23.35	20.13
		2593 (40620)	24.11	23.98	23.29	20.07
		2545.8(40148)	24.19	24.20	23.50	20.26
		2498.5 (39675)	24.11	24.18	23.48	20.24
	1RB-Low (0)	2687.5 (41565)	24.08	23.99	23.30	20.08
		2640.3(41093)	24.13	24.10	23.40	20.17
		2593 (40620)	24.05	23.86	23.17	19.97
		2545.8(40148)	23.98	24.02	23.33	20.11
		2498.5 (39675)	24.07	24.08	23.38	20.15
	12RB-High (13)	2687.5 (41565)	23.99	23.08	22.41	20.11
		2640.3(41093)	24.03	23.12	22.45	20.14
		2593 (40620)	23.94	22.99	22.32	20.03
		2545.8(40148)	23.96	23.12	22.45	20.14
		2498.5 (39675)	23.89	22.92	22.26	19.97
	12RB-Middle (6)	2687.5 (41565)	24.00	23.12	22.45	20.14
		2640.3(41093)	24.07	23.12	22.45	20.14
		2593 (40620)	23.98	23.08	22.41	20.11
		2545.8(40148)	23.97	23.13	22.46	20.15
		2498.5 (39675)	23.90	22.98	22.31	20.02
	12RB-Low (0)	2687.5 (41565)	23.93	23.01	22.34	20.04
		2640.3(41093)	24.06	23.21	22.36	20.06
		2593 (40620)	23.93	23.05	22.38	20.08
		2545.8(40148)	23.94	23.12	22.45	20.14
		2498.5 (39675)	23.91	23.16	22.48	20.17
	25RB (0)	2687.5 (41565)	24.01	23.09	22.42	20.11
		2640.3(41093)	24.02	23.15	22.47	20.16
		2593 (40620)	23.97	23.07	22.40	20.10
		2545.8(40148)	23.95	23.02	22.35	20.05
		2498.5 (39675)	22.92	22.03	21.39	20.15

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10MHz	1RB-High (49)	2685 (41540)	24.09	24.12	23.42	20.19
		2639(41080)	24.17	24.16	23.46	20.22
		2593 (40620)	24.03	24.03	23.34	20.12
		2547(40160)	24.05	24.09	23.39	20.16
		2501 (39700)	24.04	23.89	23.19	19.99
	1RB-Middle (24)	2685 (41540)	24.18	24.10	23.40	20.17
		2639(41080)	24.21	24.17	23.47	20.23
		2593 (40620)	24.11	23.94	23.24	20.03
		2547(40160)	24.15	23.87	23.18	19.98
		2501 (39700)	24.06	24.01	23.32	20.10
	1RB-Low (0)	2685 (41540)	24.22	24.09	23.39	20.16
		2639(41080)	24.17	24.18	23.48	20.24
		2593 (40620)	24.13	24.36	23.46	20.22
		2547(40160)	24.04	23.88	23.18	19.98
		2501 (39700)	24.09	24.17	23.47	20.23
	25RB-High (25)	2685 (41540)	24.03	23.11	22.44	20.13
		2639(41080)	24.08	23.15	22.47	20.16
		2593 (40620)	23.96	23.02	22.35	20.05
		2547(40160)	24.00	23.06	22.39	20.09
		2501 (39700)	23.83	22.99	22.32	20.03
	25RB-Middle (12)	2685 (41540)	24.07	23.14	22.47	20.16
		2639(41080)	24.05	23.21	22.44	20.13
		2593 (40620)	24.02	23.11	22.44	20.13
		2547(40160)	24.01	23.09	22.42	20.11
		2501 (39700)	23.91	22.98	22.31	20.02
	25RB-Low (0)	2685 (41540)	23.97	23.03	22.36	20.06
		2639(41080)	24.10	23.16	22.48	20.17
		2593 (40620)	23.98	23.08	22.41	20.11
		2547(40160)	24.03	23.09	22.42	20.11
		2501 (39700)	23.87	23.00	22.33	20.04
	50RB (0)	2685 (41540)	24.05	23.11	22.44	20.13
		2639(41080)	24.04	23.16	22.48	20.17
		2593 (40620)	23.97	23.08	22.41	20.11
		2547(40160)	24.01	23.07	22.40	20.10
		2501 (39700)	23.89	22.98	22.31	20.02

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15MHz	1RB-High (74)	2682.5 (41515)	24.01	24.15	23.45	20.21
		2637.8(41068)	24.13	24.12	23.42	20.19
		2593 (40620)	23.93	24.14	23.44	20.21
		2548.3(40173)	24.06	24.06	23.36	20.14
		2503.5 (39725)	23.77	23.71	23.02	19.84
	1RB-Middle (37)	2682.5 (41515)	23.97	24.01	23.32	20.10
		2637.8(41068)	24.07	23.94	23.24	20.03
		2593 (40620)	23.94	23.98	23.29	20.07
		2548.3(40173)	23.94	23.89	23.19	19.99
		2503.5 (39725)	23.85	23.74	23.05	19.87
	1RB-Low (0)	2682.5 (41515)	24.14	23.95	23.25	20.04
		2637.8(41068)	24.00	24.12	23.42	20.19
		2593 (40620)	23.96	23.83	23.14	19.94
		2548.3(40173)	23.89	23.85	23.16	19.96
		2503.5 (39725)	23.90	23.80	23.11	19.92
	36RB-High (38)	2682.5 (41515)	23.89	23.02	22.35	20.05
		2637.8(41068)	23.98	23.04	22.37	20.07
		2593 (40620)	23.78	22.90	22.24	19.96
		2548.3(40173)	23.85	22.97	22.30	20.01
		2503.5 (39725)	23.74	22.81	22.14	19.87
	36RB-Middle (19)	2682.5 (41515)	23.92	23.04	22.37	20.07
		2637.8(41068)	23.97	23.08	22.41	20.11
		2593 (40620)	23.84	22.97	22.30	20.01
		2548.3(40173)	23.85	22.90	22.24	19.96
		2503.5 (39725)	23.76	22.82	22.16	19.89
	36RB-Low (0)	2682.5 (41515)	23.88	23.01	22.34	20.04
		2637.8(41068)	23.92	23.02	22.35	20.05
		2593 (40620)	23.87	22.94	22.28	19.99
		2548.3(40173)	23.84	22.96	22.29	20.00
		2503.5 (39725)	23.71	22.87	22.21	19.93
	75RB (0)	2682.5 (41515)	23.96	23.02	22.35	20.05
		2637.8(41068)	23.96	23.10	22.43	20.12
		2593 (40620)	23.81	22.90	22.24	19.96
		2548.3(40173)	23.86	22.95	22.29	20.00
		2503.5 (39725)	23.75	22.84	22.18	19.90

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20MHz	1RB-High (99)	2680 (41490)	23.95	23.92	23.41	20.18
		2636.5(41055)	23.99	24.04	23.43	20.20
		2593 (40620)	23.82	23.79	23.23	20.02
		2549.5(40185)	23.97	23.59	23.29	20.07
		2506 (39750)	23.68	23.60	23.11	19.92
	1RB-Middle (50)	2680 (41490)	23.94	23.86	23.22	20.01
		2636.5(41055)	23.95	24.05	23.38	20.15
		2593 (40620)	23.80	23.99	23.45	20.21
		2549.5(40185)	23.89	23.96	23.47	20.23
		2506 (39750)	23.77	24.07	23.38	20.15
	1RB-Low (0)	2680 (41490)	24.27	24.06	23.43	20.20
		2636.5(41055)	24.15	23.87	23.50	20.26
		2593 (40620)	23.97	24.04	23.27	20.06
		2549.5(40185)	23.92	23.78	23.43	20.20
		2506 (39750)	23.95	23.78	23.09	19.90
	50RB-High (50)	2680 (41490)	24.01	23.48	22.49	20.18
		2636.5(41055)	24.01	23.45	22.48	20.17
		2593 (40620)	23.88	23.36	22.30	20.01
		2549.5(40185)	23.93	23.46	22.35	20.05
		2506 (39750)	23.81	23.37	22.30	20.01
	50RB-Middle (25)	2680 (41490)	24.06	23.44	22.36	20.06
		2636.5(41055)	24.02	23.35	22.49	20.18
		2593 (40620)	24.01	23.41	22.38	20.08
		2549.5(40185)	24.00	23.48	22.43	20.12
		2506 (39750)	23.95	23.36	22.33	20.04
	50RB-Low (0)	2680 (41490)	24.06	23.46	22.34	20.04
		2636.5(41055)	23.97	23.47	22.39	20.09
		2593 (40620)	23.83	23.33	22.30	20.01
		2549.5(40185)	24.00	23.50	22.41	20.11
		2506 (39750)	23.78	23.31	22.21	19.93
	100RB (0)	2680 (41490)	24.05	23.42	22.46	20.15
		2636.5(41055)	24.01	23.31	22.48	20.17
		2593 (40620)	23.89	23.44	22.26	19.97
		2549.5(40185)	23.94	23.47	22.40	20.10
		2506 (39750)	23.81	23.33	22.32	20.03

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LTE Band41 PC3(ANT2 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	22.73	22.90	22.53	19.93
		2640.3(41093)	22.77	23.10	22.57	19.97
		2593 (40620)	22.71	22.80	22.37	19.79
		2545.8(40148)	22.74	22.81	22.44	19.85
		2498.5 (39675)	22.68	22.83	22.53	19.93
	1RB-Middle (12)	2687.5 (41565)	22.76	23.14	22.70	20.08
		2640.3(41093)	22.86	23.00	22.59	19.99
		2593 (40620)	22.85	22.94	22.53	19.93
		2545.8(40148)	22.80	23.07	22.74	20.12
		2498.5 (39675)	22.72	22.99	22.72	20.10
	1RB-Low (0)	2687.5 (41565)	22.77	22.91	22.54	19.94
		2640.3(41093)	22.82	22.94	22.64	20.03
		2593 (40620)	22.69	22.73	22.42	19.83
		2545.8(40148)	22.70	22.86	22.57	19.97
		2498.5 (39675)	22.69	22.94	22.62	20.01
	12RB-High (13)	2687.5 (41565)	22.84	22.65	22.18	19.97
		2640.3(41093)	22.87	22.77	22.22	20.00
		2593 (40620)	22.78	22.70	22.09	19.89
		2545.8(40148)	22.80	22.76	22.22	20.00
		2498.5 (39675)	22.77	22.63	22.04	19.83
	12RB-Middle (6)	2687.5 (41565)	22.85	22.87	22.22	20.00
		2640.3(41093)	22.92	22.81	22.22	20.00
		2593 (40620)	22.82	22.72	22.18	19.97
		2545.8(40148)	22.82	22.70	22.23	20.01
		2498.5 (39675)	22.78	22.66	22.08	19.88
	12RB-Low (0)	2687.5 (41565)	22.75	22.67	22.11	19.90
		2640.3(41093)	22.89	22.77	22.13	19.92
		2593 (40620)	22.78	22.71	22.15	19.94
		2545.8(40148)	22.77	22.66	22.22	20.00
		2498.5 (39675)	22.75	22.69	22.25	20.03
	25RB (0)	2687.5 (41565)	22.84	22.73	22.19	19.97
		2640.3(41093)	22.86	22.79	22.24	20.02
		2593 (40620)	22.79	22.68	22.17	19.96
		2545.8(40148)	22.79	22.72	22.12	19.91
		2498.5 (39675)	22.57	21.69	22.19	20.01

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10MHz	1RB-High (49)	2685 (41540)	22.72	22.90	22.66	20.05
		2639(41080)	22.77	22.97	22.70	20.08
		2593 (40620)	22.69	22.91	22.58	19.98
		2547(40160)	22.74	22.94	22.63	20.02
		2501 (39700)	22.65	22.85	22.44	19.85
	1RB-Middle (24)	2685 (41540)	22.80	22.87	22.64	20.03
		2639(41080)	22.82	23.00	22.71	20.09
		2593 (40620)	22.77	23.04	22.48	19.89
		2547(40160)	22.78	22.98	22.43	19.84
		2501 (39700)	22.72	22.71	22.56	19.96
	1RB-Low (0)	2685 (41540)	22.78	22.98	22.63	20.02
		2639(41080)	22.77	22.94	22.72	20.10
		2593 (40620)	22.71	22.94	22.70	20.08
		2547(40160)	22.72	22.97	22.43	19.84
		2501 (39700)	22.70	22.76	22.71	20.09
	25RB-High (25)	2685 (41540)	22.87	22.80	22.21	19.99
		2639(41080)	22.93	22.76	22.24	20.02
		2593 (40620)	22.79	22.73	22.12	19.91
		2547(40160)	22.80	22.78	22.16	19.95
		2501 (39700)	22.75	22.60	22.09	19.89
	25RB-Middle (12)	2685 (41540)	22.92	22.74	22.24	20.02
		2639(41080)	22.93	22.84	22.21	19.99
		2593 (40620)	22.83	22.73	22.21	19.99
		2547(40160)	22.87	22.77	22.19	19.97
		2501 (39700)	22.77	22.63	22.08	19.88
	25RB-Low (0)	2685 (41540)	22.78	22.71	22.13	19.92
		2639(41080)	22.88	22.79	22.25	20.03
		2593 (40620)	22.80	22.71	22.18	19.97
		2547(40160)	22.83	22.76	22.19	19.97
		2501 (39700)	22.77	22.66	22.10	19.90
	50RB (0)	2685 (41540)	22.88	22.78	22.21	19.99
		2639(41080)	22.89	22.82	22.25	20.03
		2593 (40620)	22.80	22.75	22.18	19.97
		2547(40160)	22.81	22.74	22.17	19.96
		2501 (39700)	22.75	22.62	22.08	19.88

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15MHz	1RB-High (74)	2682.5 (41515)	22.72	22.91	22.69	20.07
		2637.8(41068)	22.70	23.03	22.66	20.05
		2593 (40620)	22.72	22.78	22.68	20.07
		2548.3(40173)	22.70	22.84	22.60	20.00
		2503.5 (39725)	22.57	22.50	22.27	19.70
	1RB-Middle (37)	2682.5 (41515)	22.66	22.93	22.56	19.96
		2637.8(41068)	22.67	23.04	22.48	19.89
		2593 (40620)	22.56	22.98	22.53	19.93
		2548.3(40173)	22.59	22.81	22.44	19.85
		2503.5 (39725)	22.53	23.00	22.30	19.73
	1RB-Low (0)	2682.5 (41515)	22.66	23.04	22.49	19.90
		2637.8(41068)	22.73	22.97	22.66	20.05
		2593 (40620)	22.62	22.80	22.39	19.80
		2548.3(40173)	22.52	22.68	22.41	19.82
		2503.5 (39725)	22.60	22.74	22.36	19.78
	36RB-High (38)	2682.5 (41515)	22.75	22.70	22.12	19.91
		2637.8(41068)	22.78	22.70	22.14	19.93
		2593 (40620)	22.70	22.60	22.02	19.82
		2548.3(40173)	22.73	22.61	22.08	19.87
		2503.5 (39725)	22.56	22.50	21.92	19.73
	36RB-Middle (19)	2682.5 (41515)	22.74	22.69	22.14	19.93
		2637.8(41068)	22.80	22.74	22.18	19.97
		2593 (40620)	22.72	22.57	22.08	19.87
		2548.3(40173)	22.71	22.58	22.02	19.82
		2503.5 (39725)	22.64	22.53	21.94	19.75
	36RB-Low (0)	2682.5 (41515)	22.73	22.64	22.11	19.90
		2637.8(41068)	22.75	22.64	22.12	19.91
		2593 (40620)	22.73	22.61	22.06	19.85
		2548.3(40173)	22.72	22.62	22.07	19.86
		2503.5 (39725)	22.66	22.51	21.99	19.79
	75RB (0)	2682.5 (41515)	22.78	22.68	22.12	19.91
		2637.8(41068)	22.81	22.76	22.20	19.98
		2593 (40620)	22.69	22.57	22.02	19.82
		2548.3(40173)	22.74	22.61	22.07	19.86
		2503.5 (39725)	22.64	22.55	22.06	19.76

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20MHz	1RB-High (99)	2680 (41490)	22.78	22.76	22.65	20.04
		2636.5(41055)	22.99	22.72	22.67	20.06
		2593 (40620)	22.85	22.47	22.47	19.88
		2549.5(40185)	22.66	22.75	22.53	19.93
		2506 (39750)	22.62	22.54	22.36	19.78
	1RB-Middle (50)	2680 (41490)	22.89	22.91	22.47	19.87
		2636.5(41055)	22.82	23.11	22.62	20.01
		2593 (40620)	22.60	22.86	22.69	20.07
		2549.5(40185)	22.67	22.82	22.71	20.09
		2506 (39750)	22.61	22.82	22.62	20.01
	1RB-Low (0)	2680 (41490)	22.86	22.88	22.67	20.06
		2636.5(41055)	22.80	22.78	22.74	20.12
		2593 (40620)	22.82	22.68	22.51	19.92
		2549.5(40185)	22.81	22.70	22.67	20.06
		2506 (39750)	22.78	22.51	22.34	19.76
	50RB-High (50)	2680 (41490)	22.86	22.80	22.26	20.04
		2636.5(41055)	22.86	22.84	22.25	20.03
		2593 (40620)	22.72	22.70	22.08	19.87
		2549.5(40185)	22.81	22.78	22.12	19.91
		2506 (39750)	22.67	22.66	22.08	19.87
	50RB-Middle (25)	2680 (41490)	22.92	22.88	22.13	19.92
		2636.5(41055)	22.85	22.85	22.26	20.04
		2593 (40620)	22.79	22.75	22.15	19.94
		2549.5(40185)	22.80	22.79	22.20	19.98
		2506 (39750)	22.70	22.70	22.10	19.90
	50RB-Low (0)	2680 (41490)	22.81	22.83	22.11	19.90
		2636.5(41055)	22.78	22.74	22.16	19.95
		2593 (40620)	22.71	22.68	22.08	19.87
		2549.5(40185)	22.81	22.78	22.18	19.97
		2506 (39750)	22.63	22.59	21.99	19.79
	100RB (0)	2680 (41490)	22.86	22.85	22.23	20.01
		2636.5(41055)	22.85	22.84	22.25	20.03
		2593 (40620)	22.77	22.74	22.04	19.83
		2549.5(40185)	22.79	22.81	22.17	19.96
		2506 (39750)	22.73	22.68	22.09	19.89

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LTE Band41 PC3(ANT2 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	20.86	20.75	20.76	20.06
		2640.3(41093)	20.92	20.56	20.82	19.87
		2593 (40620)	20.81	20.44	20.71	20.10
		2545.8(40148)	20.83	20.51	20.73	20.17
		2498.5 (39675)	20.78	20.44	20.68	20.10
	1RB-Middle (12)	2687.5 (41565)	20.95	20.91	20.85	20.21
		2640.3(41093)	20.99	20.72	20.89	20.03
		2593 (40620)	20.89	20.65	20.78	19.96
		2545.8(40148)	20.87	20.62	20.77	19.93
		2498.5 (39675)	20.85	20.53	20.75	20.18
	1RB-Low (0)	2687.5 (41565)	20.81	20.55	20.71	19.86
		2640.3(41093)	20.91	20.60	20.81	19.91
		2593 (40620)	20.82	20.44	20.72	20.10
		2545.8(40148)	20.78	20.59	20.68	19.90
		2498.5 (39675)	20.80	20.58	20.70	19.89
	12RB-High (13)	2687.5 (41565)	20.93	20.61	20.83	19.92
		2640.3(41093)	20.98	20.66	20.88	19.96
		2593 (40620)	20.87	20.53	20.77	20.18
		2545.8(40148)	20.89	20.62	20.78	19.93
		2498.5 (39675)	20.86	20.45	20.76	20.11
	12RB-Middle (6)	2687.5 (41565)	20.98	20.64	20.88	19.95
		2640.3(41093)	21.00	20.57	20.90	19.88
		2593 (40620)	20.91	20.55	20.80	19.86
		2545.8(40148)	20.91	20.62	20.81	19.93
		2498.5 (39675)	20.89	20.53	20.78	20.18
	12RB-Low (0)	2687.5 (41565)	20.89	20.49	20.78	20.15
		2640.3(41093)	20.98	20.57	20.88	19.88
		2593 (40620)	20.90	20.49	20.79	20.15
		2545.8(40148)	20.85	20.52	20.75	20.18
		2498.5 (39675)	20.87	20.52	20.77	20.18
	25RB (0)	2687.5 (41565)	20.95	20.61	20.85	19.92
		2640.3(41093)	20.96	20.64	20.86	19.95
		2593 (40620)	20.88	20.55	20.77	19.86
		2545.8(40148)	20.88	20.55	20.77	19.86
		2498.5 (39675)	20.84	20.52	20.74	20.18

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10MHz	1RB-High (49)	2685 (41540)	20.88	20.70	20.77	20.01
		2639(41080)	20.88	20.66	20.77	19.96
		2593 (40620)	20.73	20.57	20.63	19.88
		2547(40160)	20.88	20.56	20.77	19.87
		2501 (39700)	20.78	20.55	20.68	19.86
	1RB-Middle (24)	2685 (41540)	20.96	20.83	20.86	20.13
		2639(41080)	20.92	20.65	20.82	19.96
		2593 (40620)	20.78	20.54	20.68	20.19
		2547(40160)	20.83	20.63	20.73	19.94
		2501 (39700)	20.77	20.48	20.67	20.14
	1RB-Low (0)	2685 (41540)	20.85	20.63	20.75	19.94
		2639(41080)	20.88	20.70	20.77	20.00
		2593 (40620)	20.87	20.46	20.77	20.12
		2547(40160)	20.85	20.56	20.75	19.87
		2501 (39700)	20.76	20.62	20.66	19.93
	25RB-High (25)	2685 (41540)	20.95	20.61	20.85	19.92
		2639(41080)	20.95	20.68	20.85	19.98
		2593 (40620)	20.88	20.56	20.77	19.87
		2547(40160)	20.89	20.53	20.78	20.18
		2501 (39700)	20.81	20.52	20.71	20.18
	25RB-Middle (12)	2685 (41540)	20.98	20.68	20.88	19.98
		2639(41080)	20.99	20.71	20.89	20.02
		2593 (40620)	20.91	20.62	20.80	19.93
		2547(40160)	20.91	20.57	20.81	19.88
		2501 (39700)	20.88	20.56	20.77	19.87
	25RB-Low (0)	2685 (41540)	20.89	20.60	20.78	19.91
		2639(41080)	20.97	20.74	20.87	20.05
		2593 (40620)	20.89	20.59	20.78	19.90
		2547(40160)	20.89	20.55	20.78	19.86
		2501 (39700)	20.86	20.53	20.76	20.18
	50RB (0)	2685 (41540)	21.01	20.64	20.91	19.95
		2639(41080)	20.99	20.64	20.89	19.95
		2593 (40620)	20.89	20.55	20.78	19.86
		2547(40160)	20.89	20.56	20.78	19.87
		2501 (39700)	20.86	20.53	20.76	20.18

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15MHz	1RB-High (74)	2682.5 (41515)	20.77	20.58	20.67	19.89
		2637.8(41068)	20.78	20.44	20.68	20.10
		2593 (40620)	20.71	20.45	20.61	20.11
		2548.3(40173)	20.82	20.42	20.72	20.08
		2503.5 (39725)	20.50	20.25	20.40	19.92
	1RB-Middle (37)	2682.5 (41515)	20.77	20.45	20.67	20.11
		2637.8(41068)	20.78	20.45	20.68	20.11
		2593 (40620)	20.64	20.36	20.54	20.02
		2548.3(40173)	20.67	20.52	20.57	20.18
		2503.5 (39725)	20.68	20.36	20.57	20.02
	1RB-Low (0)	2682.5 (41515)	20.91	20.39	20.80	20.06
		2637.8(41068)	20.81	20.44	20.71	20.10
		2593 (40620)	20.75	20.46	20.65	20.12
		2548.3(40173)	20.71	20.40	20.61	20.06
		2503.5 (39725)	20.61	20.35	20.51	20.01
	36RB-High (38)	2682.5 (41515)	20.82	20.49	20.72	20.15
		2637.8(41068)	20.86	20.54	20.76	20.19
		2593 (40620)	20.77	20.47	20.67	20.13
		2548.3(40173)	20.74	20.48	20.64	20.14
		2503.5 (39725)	20.68	20.34	20.58	20.00
	36RB-Middle (19)	2682.5 (41515)	20.82	20.53	20.72	20.18
		2637.8(41068)	20.90	20.55	20.79	19.86
		2593 (40620)	20.78	20.44	20.68	20.10
		2548.3(40173)	20.75	20.46	20.65	20.12
		2503.5 (39725)	20.68	20.37	20.58	20.03
	36RB-Low (0)	2682.5 (41515)	20.76	20.45	20.66	20.11
		2637.8(41068)	20.80	20.45	20.70	20.11
		2593 (40620)	20.81	20.47	20.71	20.13
		2548.3(40173)	20.79	20.46	20.69	20.12
		2503.5 (39725)	20.66	20.39	20.56	20.06
	75RB (0)	2682.5 (41515)	20.85	20.54	20.75	20.20
		2637.8(41068)	20.89	20.57	20.78	19.88
		2593 (40620)	20.77	20.46	20.67	20.12
		2548.3(40173)	20.77	20.45	20.67	20.11
		2503.5 (39725)	20.68	20.38	20.57	20.05

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20MHz	1RB-High (99)	2680 (41490)	20.60	20.54	20.65	20.06
		2636.5(41055)	20.70	20.67	20.69	19.95
		2593 (40620)	20.57	20.46	20.49	20.06
		2549.5(40185)	20.59	20.47	20.47	19.93
		2506 (39750)	20.64	20.55	20.31	20.10
	1RB-Middle (50)	2680 (41490)	20.62	20.52	20.70	20.30
		2636.5(41055)	20.59	20.77	20.55	19.90
		2593 (40620)	20.49	20.52	20.43	20.06
		2549.5(40185)	20.59	20.72	20.65	19.96
		2506 (39750)	20.60	20.85	20.40	20.14
	1RB-Low (0)	2680 (41490)	20.76	20.73	20.68	20.05
		2636.5(41055)	20.68	20.66	20.61	20.07
		2593 (40620)	20.64	20.58	20.50	20.12
		2549.5(40185)	20.55	20.72	20.48	20.08
		2506 (39750)	20.57	20.46	20.47	20.12
	50RB-High (50)	2680 (41490)	20.79	20.68	20.74	20.05
		2636.5(41055)	20.69	20.74	20.74	20.09
		2593 (40620)	20.61	20.58	20.57	20.03
		2549.5(40185)	20.71	20.68	20.72	20.01
		2506 (39750)	20.62	20.56	20.60	20.05
	50RB-Middle (25)	2680 (41490)	20.74	20.75	20.75	20.01
		2636.5(41055)	20.68	20.73	20.75	20.06
		2593 (40620)	20.57	20.64	20.61	20.08
		2549.5(40185)	20.71	20.66	20.73	20.07
		2506 (39750)	20.58	20.60	20.59	20.09
	50RB-Low (0)	2680 (41490)	20.79	20.70	20.73	20.03
		2636.5(41055)	20.62	20.61	20.65	19.97
		2593 (40620)	20.59	20.57	20.56	20.02
		2549.5(40185)	20.71	20.68	20.73	20.00
		2506 (39750)	20.52	20.56	20.58	20.00
	100RB (0)	2680 (41490)	20.77	20.79	20.77	19.99
		2636.5(41055)	20.71	20.69	20.74	20.02
		2593 (40620)	20.62	20.59	20.60	20.04
		2549.5(40185)	20.67	20.70	20.73	20.09
		2506 (39750)	20.58	20.60	20.59	20.09

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LTE Band41 PC3(ANT2 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	13.11	12.95	12.70	12.90
		2640.3(41093)	13.14	13.04	12.79	12.93
		2593 (40620)	13.06	12.80	12.56	12.84
		2545.8(40148)	13.06	12.94	12.70	12.84
		2498.5 (39675)	12.95	12.87	12.63	12.73
	1RB-Middle (12)	2687.5 (41565)	13.26	13.14	12.89	13.05
		2640.3(41093)	13.21	13.11	12.87	12.99
		2593 (40620)	13.16	13.09	12.85	12.95
		2545.8(40148)	13.12	13.03	12.79	12.91
		2498.5 (39675)	13.07	12.97	12.72	12.85
	1RB-Low (0)	2687.5 (41565)	13.23	12.96	12.71	13.02
		2640.3(41093)	13.13	12.97	12.73	12.92
		2593 (40620)	13.11	12.99	12.75	12.90
		2545.8(40148)	13.02	13.05	12.80	12.81
		2498.5 (39675)	13.02	12.97	12.73	12.81
	12RB-High (13)	2687.5 (41565)	13.23	13.02	12.78	13.02
		2640.3(41093)	13.20	13.02	12.78	12.98
		2593 (40620)	13.11	12.97	12.72	12.90
		2545.8(40148)	13.09	12.98	12.74	12.88
		2498.5 (39675)	13.10	12.97	12.73	12.89
	12RB-Middle (6)	2687.5 (41565)	13.28	12.99	12.75	13.06
		2640.3(41093)	13.28	13.12	12.88	13.06
		2593 (40620)	13.16	12.94	12.70	12.95
		2545.8(40148)	13.09	12.91	12.67	12.88
		2498.5 (39675)	13.13	12.89	12.65	12.92
	12RB-Low (0)	2687.5 (41565)	13.17	12.96	12.71	12.95
		2640.3(41093)	13.23	13.03	12.79	13.02
		2593 (40620)	13.15	12.97	12.72	12.94
		2545.8(40148)	13.05	12.94	12.70	12.84
		2498.5 (39675)	13.11	13.00	12.76	12.90
	25RB (0)	2687.5 (41565)	13.23	13.04	12.79	13.02
		2640.3(41093)	13.26	13.07	12.82	13.05
		2593 (40620)	13.16	12.98	12.74	12.95
		2545.8(40148)	13.09	12.92	12.68	12.87
		2498.5 (39675)	13.13	12.93	12.69	12.92

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10MHz	1RB-High (49)	2685 (41540)	13.12	13.09	12.85	12.91
		2639(41080)	13.12	13.03	12.79	12.91
		2593 (40620)	13.08	12.93	12.69	12.86
		2547(40160)	13.07	12.99	12.75	12.85
		2501 (39700)	13.09	12.92	12.68	12.87
	1RB-Middle (24)	2685 (41540)	13.25	13.11	12.87	13.04
		2639(41080)	13.23	13.04	12.79	13.02
		2593 (40620)	13.18	12.92	12.68	12.96
		2547(40160)	13.10	12.97	12.72	12.89
		2501 (39700)	13.01	12.91	12.67	12.80
	1RB-Low (0)	2685 (41540)	13.17	13.03	12.79	12.95
		2639(41080)	13.16	13.07	12.82	12.95
		2593 (40620)	13.09	12.88	12.64	12.87
		2547(40160)	13.04	12.90	12.66	12.83
		2501 (39700)	13.08	12.88	12.64	12.86
	25RB-High (25)	2685 (41540)	13.25	13.05	12.80	13.04
		2639(41080)	13.29	13.05	12.80	13.07
		2593 (40620)	13.13	12.89	12.65	12.92
		2547(40160)	13.14	12.94	12.70	12.93
		2501 (39700)	13.10	12.91	12.67	12.89
	25RB-Middle (12)	2685 (41540)	13.22	13.03	12.79	13.00
		2639(41080)	13.30	13.11	12.87	13.08
		2593 (40620)	13.21	12.96	12.71	12.99
		2547(40160)	13.18	13.01	12.77	12.96
		2501 (39700)	13.13	12.96	12.71	12.92
	25RB-Low (0)	2685 (41540)	13.21	13.00	12.76	12.99
		2639(41080)	13.22	12.98	12.74	13.01
		2593 (40620)	13.20	12.95	12.70	12.98
		2547(40160)	13.10	12.97	12.73	12.89
		2501 (39700)	13.10	12.92	12.68	12.89
	50RB (0)	2685 (41540)	13.23	13.01	12.77	13.02
		2639(41080)	13.27	13.07	12.82	13.06
		2593 (40620)	13.21	12.96	12.71	12.99
		2547(40160)	13.19	12.96	12.71	12.97
		2501 (39700)	13.13	12.89	12.65	12.92

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15MHz	1RB-High (74)	2682.5 (41515)	13.04	12.92	12.68	12.83
		2637.8(41068)	13.11	12.99	12.75	12.90
		2593 (40620)	12.90	12.89	12.65	12.69
		2548.3(40173)	12.86	12.94	12.70	12.65
		2503.5 (39725)	12.82	12.96	12.71	12.61
	1RB-Middle (37)	2682.5 (41515)	13.10	13.06	12.81	12.89
		2637.8(41068)	13.04	12.96	12.71	12.83
		2593 (40620)	13.09	12.85	12.61	12.87
		2548.3(40173)	13.04	12.86	12.62	12.83
		2503.5 (39725)	12.93	12.75	12.51	12.72
	1RB-Low (0)	2682.5 (41515)	13.12	12.71	12.47	12.91
		2637.8(41068)	13.05	13.00	12.76	12.84
		2593 (40620)	13.07	12.85	12.61	12.85
		2548.3(40173)	12.87	12.82	12.58	12.66
		2503.5 (39725)	12.91	12.90	12.66	12.70
	36RB-High (38)	2682.5 (41515)	13.21	12.94	12.70	12.99
		2637.8(41068)	13.10	12.90	12.66	12.89
		2593 (40620)	12.99	12.83	12.59	12.78
		2548.3(40173)	13.03	12.89	12.65	12.82
		2503.5 (39725)	12.95	12.79	12.55	12.73
	36RB-Middle (19)	2682.5 (41515)	13.11	12.92	12.68	12.90
		2637.8(41068)	13.10	12.97	12.72	12.89
		2593 (40620)	13.02	12.81	12.57	12.81
		2548.3(40173)	13.06	12.87	12.63	12.84
		2503.5 (39725)	13.00	12.76	12.52	12.79
	36RB-Low (0)	2682.5 (41515)	13.12	12.88	12.64	12.91
		2637.8(41068)	13.05	12.90	12.66	12.84
		2593 (40620)	13.04	12.82	12.58	12.83
		2548.3(40173)	13.03	12.89	12.65	12.82
		2503.5 (39725)	12.98	12.83	12.59	12.77
	75RB (0)	2682.5 (41515)	13.08	12.91	12.67	12.86
		2637.8(41068)	13.10	12.96	12.71	12.89
		2593 (40620)	13.01	12.86	12.62	12.80
		2548.3(40173)	13.03	12.87	12.63	12.82
		2503.5 (39725)	12.95	12.83	12.59	12.74

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20MHz	1RB-High (99)	2680 (41490)	12.99	12.97	12.86	12.70
		2636.5(41055)	12.97	12.87	13.00	12.67
		2593 (40620)	12.96	12.88	12.82	12.69
		2549.5(40185)	12.93	12.84	12.87	12.61
		2506 (39750)	12.78	12.74	12.73	12.67
	1RB-Middle (50)	2680 (41490)	13.17	13.02	12.99	12.70
		2636.5(41055)	13.01	12.82	13.16	12.73
		2593 (40620)	12.79	12.60	12.88	12.73
		2549.5(40185)	13.05	13.02	12.72	12.70
		2506 (39750)	12.81	12.89	12.74	12.72
	1RB-Low (0)	2680 (41490)	12.99	12.99	13.11	12.76
		2636.5(41055)	13.05	12.87	12.92	12.67
		2593 (40620)	12.85	12.66	12.95	12.79
		2549.5(40185)	12.90	12.94	12.80	12.71
		2506 (39750)	12.88	12.80	12.56	12.67
	50RB-High (50)	2680 (41490)	13.03	13.06	13.05	12.73
		2636.5(41055)	13.02	13.06	13.01	12.73
		2593 (40620)	12.90	12.86	12.86	12.74
		2549.5(40185)	13.01	12.97	13.00	12.75
		2506 (39750)	12.91	12.87	12.89	12.84
	50RB-Middle (25)	2680 (41490)	13.16	13.06	13.09	12.71
		2636.5(41055)	13.02	13.06	13.02	12.74
		2593 (40620)	12.89	12.91	12.91	12.77
		2549.5(40185)	12.98	13.05	13.02	12.78
		2506 (39750)	12.93	12.90	12.86	12.81
	50RB-Low (0)	2680 (41490)	13.03	13.02	13.02	12.73
		2636.5(41055)	12.98	13.03	12.92	12.69
		2593 (40620)	12.86	12.83	12.87	12.69
		2549.5(40185)	12.94	12.98	12.96	12.73
		2506 (39750)	12.91	12.88	12.91	12.81
	100RB (0)	2680 (41490)	13.09	13.10	13.07	12.72
		2636.5(41055)	13.01	13.07	13.02	12.78
		2593 (40620)	12.88	12.87	12.90	12.77
		2549.5(40185)	12.99	12.98	12.95	12.76
		2506 (39750)	12.90	12.88	12.90	12.80

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LTE Band41 PC3(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	19.97	19.66	19.74	19.70
		2640.3(41093)	20.02	19.73	19.80	19.76
		2593 (40620)	19.83	19.57	19.61	19.57
		2545.8(40148)	19.81	19.56	19.59	19.55
		2498.5 (39675)	19.83	19.42	19.61	19.57
	1RB-Middle (12)	2687.5 (41565)	20.05	19.70	19.83	19.79
		2640.3(41093)	20.14	19.74	19.91	19.87
		2593 (40620)	19.93	19.79	19.70	19.66
		2545.8(40148)	19.94	19.71	19.71	19.67
		2498.5 (39675)	19.95	19.76	19.72	19.68
	1RB-Low (0)	2687.5 (41565)	20.01	19.56	19.79	19.75
		2640.3(41093)	19.98	19.56	19.76	19.72
		2593 (40620)	19.85	19.58	19.63	19.59
		2545.8(40148)	19.87	19.36	19.65	19.61
		2498.5 (39675)	19.90	19.55	19.68	19.63
	12RB-High (13)	2687.5 (41565)	20.01	19.71	19.79	19.75
		2640.3(41093)	20.08	19.63	19.86	19.81
		2593 (40620)	19.97	19.48	19.74	19.70
		2545.8(40148)	19.94	19.55	19.71	19.67
		2498.5 (39675)	19.96	19.64	19.73	19.69
	12RB-Middle (6)	2687.5 (41565)	20.09	19.72	19.87	19.82
		2640.3(41093)	20.11	19.79	19.88	19.84
		2593 (40620)	19.95	19.77	19.72	19.68
		2545.8(40148)	20.01	19.56	19.79	19.75
		2498.5 (39675)	19.98	19.51	19.75	19.71
	12RB-Low (0)	2687.5 (41565)	19.98	19.58	19.75	19.71
		2640.3(41093)	20.08	19.73	19.86	19.81
		2593 (40620)	19.96	19.55	19.73	19.69
		2545.8(40148)	19.92	19.57	19.69	19.65
		2498.5 (39675)	19.95	19.55	19.72	19.68
	25RB (0)	2687.5 (41565)	20.03	19.66	19.81	19.77
		2640.3(41093)	20.04	19.70	19.82	19.78
		2593 (40620)	19.93	19.56	19.70	19.66
		2545.8(40148)	19.94	19.56	19.71	19.67
		2498.5 (39675)	19.95	19.51	19.72	19.68

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10MHz	1RB-High (49)	2685 (41540)	19.96	19.66	19.73	19.69
		2639(41080)	19.97	19.77	19.74	19.70
		2593 (40620)	19.85	19.62	19.63	19.59
		2547(40160)	19.93	19.68	19.70	19.66
		2501 (39700)	19.83	19.57	19.61	19.57
	1RB-Middle (24)	2685 (41540)	19.99	19.70	19.77	19.73
		2639(41080)	20.01	19.83	19.79	19.75
		2593 (40620)	19.92	19.56	19.69	19.65
		2547(40160)	19.95	19.53	19.72	19.68
		2501 (39700)	19.89	19.64	19.67	19.63
	1RB-Low (0)	2685 (41540)	20.02	19.65	19.80	19.76
		2639(41080)	19.97	19.82	19.74	19.70
		2593 (40620)	19.88	19.74	19.66	19.62
		2547(40160)	19.88	19.59	19.66	19.62
		2501 (39700)	19.82	19.64	19.60	19.56
	25RB-High (25)	2685 (41540)	20.07	19.68	19.85	19.81
		2639(41080)	20.07	19.73	19.85	19.81
		2593 (40620)	19.95	19.60	19.72	19.68
		2547(40160)	19.99	19.64	19.77	19.73
		2501 (39700)	19.85	19.55	19.63	19.59
	25RB-Middle (12)	2685 (41540)	20.08	19.72	19.86	19.81
		2639(41080)	20.10	19.75	19.87	19.83
		2593 (40620)	20.03	19.60	19.81	19.77
		2547(40160)	20.02	19.65	19.80	19.76
		2501 (39700)	19.93	19.56	19.70	19.66
	25RB-Low (0)	2685 (41540)	19.99	19.60	19.77	19.73
		2639(41080)	20.09	19.66	19.87	19.82
		2593 (40620)	19.97	19.63	19.74	19.70
		2547(40160)	20.01	19.60	19.79	19.75
		2501 (39700)	19.94	19.57	19.71	19.67
	50RB (0)	2685 (41540)	20.06	19.71	19.84	19.80
		2639(41080)	20.09	19.72	19.87	19.82
		2593 (40620)	19.98	19.60	19.76	19.72
		2547(40160)	19.96	19.61	19.73	19.69
		2501 (39700)	19.93	19.55	19.70	19.66

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15MHz	1RB-High (74)	2682.5 (41515)	19.85	19.55	19.63	19.59
		2637.8(41068)	19.80	19.57	19.58	19.54
		2593 (40620)	19.80	19.71	19.58	19.54
		2548.3(40173)	19.89	19.54	19.67	19.63
		2503.5 (39725)	19.65	19.38	19.43	19.39
	1RB-Middle (37)	2682.5 (41515)	19.89	19.48	19.67	19.63
		2637.8(41068)	19.82	19.60	19.60	19.56
		2593 (40620)	19.84	19.41	19.62	19.58
		2548.3(40173)	19.77	19.42	19.55	19.51
		2503.5 (39725)	19.65	19.32	19.43	19.39
	1RB-Low (0)	2682.5 (41515)	19.86	19.46	19.64	19.60
		2637.8(41068)	19.97	19.53	19.74	19.70
		2593 (40620)	19.76	19.40	19.54	19.50
		2548.3(40173)	19.78	19.39	19.56	19.52
		2503.5 (39725)	19.68	19.40	19.46	19.42
	36RB-High (38)	2682.5 (41515)	19.89	19.54	19.67	19.63
		2637.8(41068)	19.95	19.59	19.72	19.68
		2593 (40620)	19.84	19.49	19.62	19.58
		2548.3(40173)	19.90	19.49	19.68	19.63
		2503.5 (39725)	19.74	19.36	19.52	19.48
	36RB-Middle (19)	2682.5 (41515)	19.92	19.56	19.69	19.65
		2637.8(41068)	19.92	19.58	19.69	19.65
		2593 (40620)	19.88	19.45	19.66	19.62
		2548.3(40173)	19.83	19.47	19.61	19.57
		2503.5 (39725)	19.77	19.39	19.55	19.51
	36RB-Low (0)	2682.5 (41515)	19.87	19.51	19.65	19.61
		2637.8(41068)	19.91	19.52	19.68	19.64
		2593 (40620)	19.86	19.49	19.64	19.60
		2548.3(40173)	19.85	19.43	19.63	19.59
		2503.5 (39725)	19.78	19.41	19.56	19.52
	75RB (0)	2682.5 (41515)	19.91	19.54	19.68	19.64
		2637.8(41068)	19.96	19.57	19.73	19.69
		2593 (40620)	19.86	19.48	19.64	19.60
		2548.3(40173)	19.85	19.50	19.63	19.59
		2503.5 (39725)	19.78	19.42	19.56	19.52

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20MHz	1RB-High (99)	2680 (41490)	19.60	19.48	19.49	19.46
		2636.5(41055)	19.69	19.62	19.79	19.51
		2593 (40620)	19.50	19.45	19.50	19.41
		2549.5(40185)	19.60	19.59	19.50	19.34
		2506 (39750)	19.60	19.38	19.41	19.40
	1RB-Middle (50)	2680 (41490)	19.56	19.57	19.81	19.45
		2636.5(41055)	19.63	19.94	19.52	19.47
		2593 (40620)	19.43	19.91	19.61	19.44
		2549.5(40185)	19.52	19.68	19.69	19.52
		2506 (39750)	19.61	19.78	19.50	19.55
	1RB-Low (0)	2680 (41490)	19.76	19.61	19.74	19.57
		2636.5(41055)	19.56	19.87	19.81	19.54
		2593 (40620)	19.62	19.68	19.54	19.51
		2549.5(40185)	19.48	19.64	19.44	19.53
		2506 (39750)	19.62	19.31	19.40	19.36
	50RB-High (50)	2680 (41490)	19.66	19.79	19.74	19.53
		2636.5(41055)	19.70	19.74	19.74	19.53
		2593 (40620)	19.58	19.59	19.59	19.50
		2549.5(40185)	19.67	19.68	19.71	19.47
		2506 (39750)	19.59	19.61	19.55	19.58
	50RB-Middle (25)	2680 (41490)	19.77	19.74	19.76	19.50
		2636.5(41055)	19.71	19.72	19.70	19.53
		2593 (40620)	19.58	19.60	19.62	19.53
		2549.5(40185)	19.74	19.73	19.73	19.52
		2506 (39750)	19.60	19.60	19.61	19.59
	50RB-Low (0)	2680 (41490)	19.69	19.71	19.72	19.49
		2636.5(41055)	19.67	19.66	19.65	19.46
		2593 (40620)	19.53	19.55	19.58	19.45
		2549.5(40185)	19.68	19.72	19.74	19.51
		2506 (39750)	19.54	19.54	19.52	19.48
	100RB (0)	2680 (41490)	19.72	19.77	19.72	19.49
		2636.5(41055)	19.70	19.71	19.71	19.52
		2593 (40620)	19.59	19.58	19.57	19.52
		2549.5(40185)	19.67	19.68	19.73	19.55
		2506 (39750)	19.61	19.59	19.56	19.58

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LTE Band41 PC3(ANT3 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	24.66	23.73	22.38	19.48
		2640.3(41093)	24.64	23.78	22.31	19.42
		2593 (40620)	24.72	23.64	22.27	19.38
		2545.8(40148)	24.66	23.77	22.31	19.42
		2498.5 (39675)	24.63	23.57	22.65	19.72
	1RB-Middle (12)	2687.5 (41565)	24.23	23.53	22.41	19.50
		2640.3(41093)	24.73	23.46	22.36	19.46
		2593 (40620)	24.69	23.41	22.51	19.59
		2545.8(40148)	24.75	23.80	22.58	19.65
		2498.5 (39675)	24.79	23.74	22.75	19.80
	1RB-Low (0)	2687.5 (41565)	24.68	23.67	22.42	19.51
		2640.3(41093)	24.57	23.53	22.42	19.51
		2593 (40620)	24.60	23.63	22.48	19.57
		2545.8(40148)	24.61	23.60	22.38	19.48
		2498.5 (39675)	24.64	23.71	22.53	19.61
	12RB-High (13)	2687.5 (41565)	23.74	22.75	21.51	19.42
		2640.3(41093)	23.69	22.73	21.48	19.39
		2593 (40620)	23.68	22.63	21.45	19.37
		2545.8(40148)	23.72	22.74	21.39	19.31
		2498.5 (39675)	23.72	22.63	21.58	19.49
	12RB-Middle (6)	2687.5 (41565)	23.78	22.76	21.45	19.37
		2640.3(41093)	23.76	22.68	21.58	19.49
		2593 (40620)	23.75	22.74	21.44	19.36
		2545.8(40148)	23.75	22.70	21.43	19.35
		2498.5 (39675)	23.74	22.77	21.64	19.54
	12RB-Low (0)	2687.5 (41565)	23.71	22.75	21.39	19.31
		2640.3(41093)	23.67	22.71	21.56	19.47
		2593 (40620)	23.74	22.79	21.41	19.33
		2545.8(40148)	23.74	22.80	21.51	19.42
		2498.5 (39675)	23.76	22.63	21.48	19.39
	25RB (0)	2687.5 (41565)	23.76	22.75	21.42	19.34
		2640.3(41093)	23.67	22.71	21.54	19.45
		2593 (40620)	23.69	22.69	21.40	19.32
		2545.8(40148)	23.72	22.73	21.43	19.35
		2498.5 (39675)	22.71	21.71	21.52	19.43

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10MHz	1RB-High (49)	2685 (41540)	24.64	23.69	22.49	19.57
		2639(41080)	24.64	23.58	22.31	19.42
		2593 (40620)	24.61	23.75	22.20	19.32
		2547(40160)	24.70	23.41	22.34	19.44
		2501 (39700)	24.58	23.56	22.39	19.49
	1RB-Middle (24)	2685 (41540)	24.79	23.71	22.56	19.64
		2639(41080)	24.66	23.79	22.38	19.48
		2593 (40620)	24.73	23.72	22.46	19.55
		2547(40160)	24.68	23.75	22.49	19.57
		2501 (39700)	24.64	23.70	22.38	19.48
	1RB-Low (0)	2685 (41540)	24.76	23.65	22.46	19.55
		2639(41080)	24.54	23.76	22.29	19.40
		2593 (40620)	24.59	23.76	22.31	19.42
		2547(40160)	24.58	23.70	22.23	19.35
		2501 (39700)	24.65	23.78	22.52	19.60
	25RB-High (25)	2685 (41540)	23.74	22.80	21.59	19.50
		2639(41080)	23.73	22.72	21.54	19.45
		2593 (40620)	23.69	22.70	21.48	19.39
		2547(40160)	23.71	22.75	21.49	19.40
		2501 (39700)	23.64	22.67	21.43	19.35
	25RB-Middle (12)	2685 (41540)	23.74	22.76	21.60	19.50
		2639(41080)	23.74	22.73	21.55	19.46
		2593 (40620)	23.78	22.72	21.49	19.40
		2547(40160)	23.78	22.78	21.49	19.40
		2501 (39700)	23.71	22.72	21.58	19.49
	25RB-Low (0)	2685 (41540)	23.72	22.73	21.50	19.41
		2639(41080)	23.71	22.76	21.43	19.35
		2593 (40620)	23.73	22.75	21.46	19.38
		2547(40160)	23.76	22.74	21.45	19.37
		2501 (39700)	23.70	22.73	21.53	19.44
	50RB (0)	2685 (41540)	23.73	22.77	21.58	19.49
		2639(41080)	23.73	22.69	21.53	19.44
		2593 (40620)	23.70	22.75	21.40	19.32
		2547(40160)	23.76	22.75	21.45	19.37
		2501 (39700)	23.69	22.69	21.51	19.42

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15MHz	1RB-High (74)	2682.5 (41515)	24.59	23.57	22.29	19.40
		2637.8(41068)	24.50	23.63	22.20	19.32
		2593 (40620)	24.54	23.53	22.17	19.29
		2548.3(40173)	24.59	23.76	22.27	19.38
		2503.5 (39725)	24.39	23.32	22.27	19.38
	1RB-Middle (37)	2682.5 (41515)	24.54	23.55	22.27	19.38
		2637.8(41068)	24.58	23.60	22.28	19.39
		2593 (40620)	24.53	23.56	22.14	19.27
		2548.3(40173)	24.49	23.50	22.27	19.38
		2503.5 (39725)	24.49	23.66	22.28	19.39
	1RB-Low (0)	2682.5 (41515)	24.69	23.77	22.37	19.47
		2637.8(41068)	24.41	23.58	22.26	19.37
		2593 (40620)	24.48	23.64	22.32	19.42
		2548.3(40173)	24.44	23.54	22.32	19.42
		2503.5 (39725)	24.39	23.68	22.31	19.42
	36RB-High (38)	2682.5 (41515)	23.67	22.66	21.40	19.32
		2637.8(41068)	23.62	22.59	21.36	19.28
		2593 (40620)	23.61	22.60	21.31	19.24
		2548.3(40173)	23.67	22.68	21.39	19.31
		2503.5 (39725)	23.53	22.55	21.33	19.26
	36RB-Middle (19)	2682.5 (41515)	23.70	22.68	21.34	19.27
		2637.8(41068)	23.58	22.59	21.37	19.29
		2593 (40620)	23.62	22.57	21.30	19.23
		2548.3(40173)	23.68	22.69	21.34	19.27
		2503.5 (39725)	23.57	22.60	21.37	19.29
	36RB-Low (0)	2682.5 (41515)	23.61	22.67	21.42	19.34
		2637.8(41068)	23.56	22.57	21.30	19.23
		2593 (40620)	23.58	22.57	21.37	19.29
		2548.3(40173)	23.59	22.59	21.40	19.32
		2503.5 (39725)	23.57	22.55	21.41	19.33
	75RB (0)	2682.5 (41515)	23.64	22.71	21.37	19.29
		2637.8(41068)	23.60	22.57	21.37	19.29
		2593 (40620)	23.64	22.57	21.33	19.26
		2548.3(40173)	23.65	22.71	21.36	19.28
		2503.5 (39725)	23.56	22.55	21.41	19.33

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20MHz	1RB-High (99)	2680 (41490)	24.66	23.56	22.28	19.39
		2636.5(41055)	24.62	23.62	22.33	19.43
		2593 (40620)	24.52	23.75	22.37	19.47
		2549.5(40185)	24.56	23.80	22.24	19.35
		2506 (39750)	24.41	23.39	22.28	19.39
	1RB-Middle (50)	2680 (41490)	24.59	23.63	22.38	19.48
		2636.5(41055)	24.44	23.77	22.17	19.29
		2593 (40620)	24.40	23.64	22.50	19.58
		2549.5(40185)	24.49	23.71	22.34	19.44
		2506 (39750)	24.38	23.54	22.25	19.36
	1RB-Low (0)	2680 (41490)	24.72	23.71	22.36	19.46
		2636.5(41055)	24.57	23.57	22.15	19.27
		2593 (40620)	24.58	23.50	22.35	19.45
		2549.5(40185)	24.58	23.73	22.34	19.44
		2506 (39750)	24.45	23.67	22.24	19.35
	50RB-High (50)	2680 (41490)	23.67	22.67	21.36	19.28
		2636.5(41055)	23.57	22.61	21.38	19.30
		2593 (40620)	23.56	22.65	21.33	19.26
		2549.5(40185)	23.67	22.65	21.38	19.30
		2506 (39750)	23.53	22.51	21.31	19.24
	50RB-Middle (25)	2680 (41490)	23.65	22.66	21.38	19.30
		2636.5(41055)	23.63	22.61	21.35	19.27
		2593 (40620)	23.65	22.66	21.38	19.30
		2549.5(40185)	23.67	22.69	21.39	19.31
		2506 (39750)	23.55	22.64	21.40	19.32
	50RB-Low (0)	2680 (41490)	23.68	22.72	21.41	19.33
		2636.5(41055)	23.55	22.53	21.31	19.24
		2593 (40620)	23.57	22.58	21.31	19.24
		2549.5(40185)	23.54	22.60	21.29	19.22
		2506 (39750)	23.47	22.51	21.33	19.26
	100RB (0)	2680 (41490)	23.66	22.60	21.39	19.31
		2636.5(41055)	23.61	22.59	21.38	19.30
		2593 (40620)	23.59	22.64	21.32	19.25
		2549.5(40185)	23.63	22.66	21.40	19.32
		2506 (39750)	23.60	22.55	21.37	19.29

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LTE Band41 PC3(ANT3 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	17.43	17.51	17.40	17.47
		2640.3(41093)	17.43	17.49	17.38	17.45
		2593 (40620)	17.47	17.61	17.50	17.57
		2545.8(40148)	17.57	17.53	17.42	17.49
		2498.5 (39675)	17.56	17.62	17.51	17.58
	1RB-Middle (12)	2687.5 (41565)	17.56	17.75	17.64	17.71
		2640.3(41093)	17.59	17.72	17.61	17.68
		2593 (40620)	17.59	17.67	17.56	17.63
		2545.8(40148)	17.72	17.63	17.72	17.79
		2498.5 (39675)	17.67	17.65	17.54	17.61
	1RB-Low (0)	2687.5 (41565)	17.42	17.50	17.39	17.46
		2640.3(41093)	17.51	17.49	17.38	17.45
		2593 (40620)	17.44	17.53	17.42	17.49
		2545.8(40148)	17.55	17.51	17.40	17.47
		2498.5 (39675)	17.61	17.67	17.56	17.63
	12RB-High (13)	2687.5 (41565)	17.51	17.53	17.42	17.49
		2640.3(41093)	17.52	17.44	17.33	17.40
		2593 (40620)	17.53	17.38	17.27	17.34
		2545.8(40148)	17.60	17.54	17.43	17.50
		2498.5 (39675)	17.62	17.62	17.51	17.58
	12RB-Middle (6)	2687.5 (41565)	17.55	17.48	17.37	17.44
		2640.3(41093)	17.58	17.56	17.45	17.52
		2593 (40620)	17.60	17.68	17.57	17.64
		2545.8(40148)	17.61	17.64	17.53	17.60
		2498.5 (39675)	17.63	17.63	17.52	17.59
	12RB-Low (0)	2687.5 (41565)	17.45	17.50	17.39	17.46
		2640.3(41093)	17.53	17.52	17.41	17.48
		2593 (40620)	17.58	17.55	17.44	17.51
		2545.8(40148)	17.61	17.56	17.45	17.52
		2498.5 (39675)	17.61	17.54	17.43	17.50
	25RB (0)	2687.5 (41565)	17.52	17.51	17.40	17.47
		2640.3(41093)	17.52	17.50	17.39	17.46
		2593 (40620)	17.53	17.55	17.44	17.51
		2545.8(40148)	17.58	17.61	17.50	17.57
		2498.5 (39675)	17.60	17.55	17.44	17.51

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10MHz	1RB-High (49)	2685 (41540)	17.43	17.53	17.42	17.49
		2639(41080)	17.44	17.49	17.38	17.45
		2593 (40620)	17.45	17.47	17.36	17.43
		2547(40160)	17.60	17.53	17.42	17.49
		2501 (39700)	17.60	17.71	17.60	17.67
	1RB-Middle (24)	2685 (41540)	17.48	17.60	17.49	17.56
		2639(41080)	17.53	17.60	17.49	17.56
		2593 (40620)	17.58	17.62	17.51	17.58
		2547(40160)	17.64	17.64	17.53	17.60
		2501 (39700)	17.63	17.54	17.43	17.50
	1RB-Low (0)	2685 (41540)	17.46	17.52	17.41	17.48
		2639(41080)	17.51	17.63	17.52	17.59
		2593 (40620)	17.53	17.55	17.44	17.51
		2547(40160)	17.65	17.62	17.51	17.58
		2501 (39700)	17.55	17.67	17.56	17.63
	25RB-High (25)	2685 (41540)	17.57	17.55	17.44	17.51
		2639(41080)	17.53	17.50	17.39	17.46
		2593 (40620)	17.55	17.61	17.50	17.57
		2547(40160)	17.60	17.58	17.47	17.54
		2501 (39700)	17.62	17.60	17.49	17.56
	25RB-Middle (12)	2685 (41540)	17.59	17.60	17.49	17.56
		2639(41080)	17.49	17.58	17.47	17.54
		2593 (40620)	17.62	17.57	17.46	17.53
		2547(40160)	17.69	17.61	17.50	17.57
		2501 (39700)	17.65	17.65	17.54	17.61
	25RB-Low (0)	2685 (41540)	17.47	17.51	17.40	17.47
		2639(41080)	17.51	17.44	17.33	17.40
		2593 (40620)	17.58	17.57	17.46	17.53
		2547(40160)	17.64	17.61	17.50	17.57
		2501 (39700)	17.60	17.64	17.53	17.60
	50RB (0)	2685 (41540)	17.56	17.53	17.42	17.49
		2639(41080)	17.53	17.54	17.43	17.50
		2593 (40620)	17.57	17.56	17.45	17.52
		2547(40160)	17.64	17.63	17.52	17.59
		2501 (39700)	17.62	17.60	17.49	17.56

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15MHz	1RB-High (74)	2682.5 (41515)	17.51	17.51	17.40	17.47
		2637.8(41068)	17.77	17.51	17.40	17.47
		2593 (40620)	17.52	17.59	17.48	17.55
		2548.3(40173)	17.63	17.80	17.69	17.76
		2503.5 (39725)	17.64	17.64	17.53	17.60
	1RB-Middle (37)	2682.5 (41515)	17.44	17.55	17.44	17.51
		2637.8(41068)	17.63	17.59	17.48	17.55
		2593 (40620)	17.59	17.67	17.56	17.63
		2548.3(40173)	17.62	17.63	17.52	17.59
		2503.5 (39725)	17.54	17.65	17.54	17.61
	1RB-Low (0)	2682.5 (41515)	17.66	17.59	17.48	17.55
		2637.8(41068)	17.56	17.60	17.49	17.56
		2593 (40620)	17.52	17.61	17.50	17.57
		2548.3(40173)	17.58	17.64	17.53	17.60
		2503.5 (39725)	17.51	17.42	17.31	17.38
	36RB-High (38)	2682.5 (41515)	17.64	17.58	17.47	17.54
		2637.8(41068)	17.78	17.62	17.51	17.58
		2593 (40620)	17.68	17.61	17.50	17.57
		2548.3(40173)	17.71	17.72	17.61	17.68
		2503.5 (39725)	17.69	17.69	17.58	17.65
	36RB-Middle (19)	2682.5 (41515)	17.57	17.56	17.45	17.52
		2637.8(41068)	17.67	17.63	17.52	17.59
		2593 (40620)	17.66	17.66	17.55	17.62
		2548.3(40173)	17.69	17.74	17.63	17.70
		2503.5 (39725)	17.66	17.67	17.56	17.63
	36RB-Low (0)	2682.5 (41515)	17.60	17.58	17.47	17.54
		2637.8(41068)	17.59	17.60	17.49	17.56
		2593 (40620)	17.59	17.54	17.43	17.50
		2548.3(40173)	17.65	17.66	17.55	17.62
		2503.5 (39725)	17.68	17.72	17.61	17.68
	75RB (0)	2682.5 (41515)	17.58	17.54	17.43	17.50
		2637.8(41068)	17.49	17.65	17.54	17.61
		2593 (40620)	17.64	17.68	17.57	17.64
		2548.3(40173)	17.69	17.69	17.58	17.65
		2503.5 (39725)	17.67	17.69	17.58	17.65

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20MHz	1RB-High (99)	2680 (41490)	17.48	17.64	17.53	17.60
		2636.5(41055)	17.58	17.76	17.65	17.72
		2593 (40620)	17.55	17.64	17.53	17.60
		2549.5(40185)	17.45	17.57	17.46	17.53
		2506 (39750)	17.67	17.68	17.57	17.64
	1RB-Middle (50)	2680 (41490)	17.69	17.64	17.53	17.60
		2636.5(41055)	17.54	17.71	17.80	17.67
		2593 (40620)	17.48	17.70	17.59	17.66
		2549.5(40185)	17.61	17.67	17.56	17.63
		2506 (39750)	17.75	17.65	17.76	17.63
	1RB-Low (0)	2680 (41490)	17.62	17.76	17.65	17.72
		2636.5(41055)	17.62	17.62	17.51	17.58
		2593 (40620)	17.58	17.65	17.54	17.61
		2549.5(40185)	17.59	17.71	17.60	17.67
		2506 (39750)	17.55	17.50	17.39	17.46
	50RB-High (50)	2680 (41490)	17.63	17.61	17.50	17.57
		2636.5(41055)	17.66	17.61	17.50	17.57
		2593 (40620)	17.64	17.67	17.56	17.63
		2549.5(40185)	17.65	17.70	17.59	17.66
		2506 (39750)	17.71	17.74	17.63	17.70
	50RB-Middle (25)	2680 (41490)	17.61	17.59	17.48	17.55
		2636.5(41055)	17.68	17.65	17.54	17.61
		2593 (40620)	17.64	17.68	17.57	17.64
		2549.5(40185)	17.69	17.70	17.59	17.66
		2506 (39750)	17.71	17.74	17.63	17.70
	50RB-Low (0)	2680 (41490)	17.63	17.61	17.50	17.57
		2636.5(41055)	17.60	17.54	17.43	17.50
		2593 (40620)	17.63	17.61	17.50	17.57
		2549.5(40185)	17.68	17.68	17.57	17.64
		2506 (39750)	17.65	17.69	17.58	17.65
	100RB (0)	2680 (41490)	17.58	17.56	17.45	17.52
		2636.5(41055)	17.72	17.66	17.55	17.62
		2593 (40620)	17.65	17.67	17.56	17.63
		2549.5(40185)	17.70	17.70	17.59	17.66
		2506 (39750)	17.73	17.73	17.62	17.69

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LTE Band41 PC3(ANT4 DSI 1/2/5/12/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.84	22.83	22.38	19.33
		2640.3(41093)	24.08	23.19	22.29	19.25
		2593 (40620)	24.23	23.28	22.33	19.29
		2545.8(40148)	23.95	22.87	22.39	19.34
		2498.5 (39675)	24.00	23.15	22.20	19.17
	1RB-Middle (12)	2687.5 (41565)	23.86	22.96	22.39	19.34
		2640.3(41093)	24.08	23.28	22.30	19.26
		2593 (40620)	24.31	23.42	22.44	19.38
		2545.8(40148)	24.07	23.18	22.35	19.30
		2498.5 (39675)	24.08	23.36	22.38	19.33
	1RB-Low (0)	2687.5 (41565)	23.78	23.27	22.34	19.29
		2640.3(41093)	24.02	23.29	22.21	19.18
		2593 (40620)	24.29	23.23	22.27	19.23
		2545.8(40148)	24.03	22.89	22.35	19.30
		2498.5 (39675)	23.95	23.11	22.39	19.34
	12RB-High (13)	2687.5 (41565)	22.86	21.95	21.29	19.28
		2640.3(41093)	23.10	22.14	21.25	19.24
		2593 (40620)	23.27	22.21	21.18	19.18
		2545.8(40148)	22.99	22.01	21.26	19.25
		2498.5 (39675)	23.04	22.02	21.29	19.28
	12RB-Middle (6)	2687.5 (41565)	22.83	21.90	21.32	19.31
		2640.3(41093)	23.10	22.17	21.33	19.32
		2593 (40620)	23.34	22.26	21.24	19.23
		2545.8(40148)	23.04	22.13	21.29	19.28
		2498.5 (39675)	23.07	22.07	21.17	19.17
	12RB-Low (0)	2687.5 (41565)	22.77	21.86	21.16	19.17
		2640.3(41093)	22.97	22.05	21.17	19.17
		2593 (40620)	23.30	22.23	21.16	19.16
		2545.8(40148)	23.02	22.02	21.23	19.23
		2498.5 (39675)	23.01	22.02	21.33	19.32
	25RB (0)	2687.5 (41565)	22.80	21.79	21.25	19.24
		2640.3(41093)	23.02	22.09	21.19	19.19
		2593 (40620)	23.30	22.28	21.20	19.20
		2545.8(40148)	22.96	22.00	21.23	19.23
		2498.5 (39675)	22.03	21.03	21.16	19.17

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10MHz	1RB-High (49)	2685 (41540)	23.80	22.79	22.21	19.18
		2639(41080)	24.10	22.95	22.25	19.22
		2593 (40620)	24.19	23.31	22.26	19.22
		2547(40160)	23.86	23.06	22.26	19.22
		2501 (39700)	24.06	23.17	22.22	19.19
	1RB-Middle (24)	2685 (41540)	23.84	23.02	22.48	19.42
		2639(41080)	23.97	22.88	22.35	19.30
		2593 (40620)	24.27	23.33	22.30	19.26
		2547(40160)	23.93	23.09	22.43	19.37
		2501 (39700)	24.07	23.03	22.24	19.21
	1RB-Low (0)	2685 (41540)	23.88	22.96	22.35	19.30
		2639(41080)	23.92	22.86	22.43	19.37
		2593 (40620)	24.24	23.29	22.42	19.37
		2547(40160)	23.94	23.05	22.31	19.27
		2501 (39700)	23.97	22.97	22.36	19.31
	25RB-High (25)	2685 (41540)	22.91	21.89	21.29	19.28
		2639(41080)	23.13	22.10	21.16	19.17
		2593 (40620)	23.29	22.31	21.20	19.20
		2547(40160)	22.99	21.97	21.25	19.24
		2501 (39700)	23.11	22.15	21.12	19.12
	25RB-Middle (12)	2685 (41540)	22.83	21.84	21.24	19.23
		2639(41080)	23.06	22.12	21.23	19.23
		2593 (40620)	23.32	22.34	21.23	19.23
		2547(40160)	23.00	22.02	21.25	19.24
		2501 (39700)	23.15	22.14	21.17	19.17
	25RB-Low (0)	2685 (41540)	22.85	21.83	21.26	19.25
		2639(41080)	22.94	21.98	21.23	19.23
		2593 (40620)	23.28	22.30	21.22	19.22
		2547(40160)	23.02	22.03	21.22	19.22
		2501 (39700)	23.08	22.08	21.20	19.20
	50RB (0)	2685 (41540)	22.83	21.85	21.21	19.21
		2639(41080)	23.06	22.05	21.20	19.20
		2593 (40620)	23.29	22.30	21.21	19.21
		2547(40160)	23.04	22.02	21.24	19.23
		2501 (39700)	23.11	22.09	21.18	19.18

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15MHz	1RB-High (74)	2682.5 (41515)	24.37	22.85	22.22	19.19
		2637.8(41068)	24.65	23.02	22.13	19.11
		2593 (40620)	23.84	22.95	22.13	19.11
		2548.3(40173)	23.36	22.85	22.24	19.21
		2503.5 (39725)	23.85	23.04	22.00	19.00
	1RB-Middle (37)	2682.5 (41515)	24.43	22.73	22.21	19.18
		2637.8(41068)	24.54	22.83	22.03	19.02
		2593 (40620)	23.72	23.14	22.15	19.13
		2548.3(40173)	23.19	22.83	22.14	19.12
		2503.5 (39725)	23.74	22.93	22.03	19.02
	1RB-Low (0)	2682.5 (41515)	24.46	22.85	22.20	19.17
		2637.8(41068)	24.53	22.84	22.10	19.08
		2593 (40620)	23.58	22.95	22.23	19.20
		2548.3(40173)	23.15	22.89	22.13	19.11
		2503.5 (39725)	23.68	22.85	22.03	19.02
	36RB-High (38)	2682.5 (41515)	23.60	21.96	21.16	19.17
		2637.8(41068)	23.60	21.98	21.10	19.10
		2593 (40620)	22.94	22.14	21.08	19.09
		2548.3(40173)	22.38	21.83	21.17	19.17
		2503.5 (39725)	23.00	22.07	20.98	18.99
	36RB-Middle (19)	2682.5 (41515)	23.56	21.74	21.20	19.20
		2637.8(41068)	23.58	21.92	21.10	19.10
		2593 (40620)	22.93	22.15	21.10	19.10
		2548.3(40173)	22.34	21.87	21.13	19.13
		2503.5 (39725)	22.98	22.02	21.03	19.05
	36RB-Low (0)	2682.5 (41515)	23.58	21.81	21.14	19.14
		2637.8(41068)	23.46	21.78	21.02	19.03
		2593 (40620)	22.89	22.19	21.03	19.04
		2548.3(40173)	22.27	21.90	21.05	19.06
		2503.5 (39725)	22.96	21.95	21.03	19.05
	75RB (0)	2682.5 (41515)	23.54	21.74	21.17	19.17
		2637.8(41068)	23.54	21.91	21.09	19.10
		2593 (40620)	22.86	22.17	21.06	19.07
		2548.3(40173)	22.33	21.90	21.11	19.11
		2503.5 (39725)	22.98	22.00	21.02	19.03

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20MHz	1RB-High (99)	2680 (41490)	24.47	23.55	22.07	19.06
		2636.5(41055)	24.58	23.64	22.04	19.03
		2593 (40620)	24.04	23.09	22.09	19.08
		2549.5(40185)	23.30	22.42	22.21	19.18
		2506 (39750)	23.26	22.34	21.87	18.88
	1RB-Middle (50)	2680 (41490)	24.51	23.78	22.35	19.30
		2636.5(41055)	24.53	23.71	21.96	18.96
		2593 (40620)	23.84	23.12	22.27	19.23
		2549.5(40185)	23.26	22.63	22.29	19.25
		2506 (39750)	23.41	22.94	22.12	19.10
	1RB-Low (0)	2680 (41490)	24.66	23.74	22.38	19.33
		2636.5(41055)	24.46	23.50	22.24	19.21
		2593 (40620)	23.72	22.84	22.25	19.22
		2549.5(40185)	23.33	22.46	22.34	19.29
		2506 (39750)	23.52	22.55	22.00	19.00
	50RB-High (50)	2680 (41490)	23.58	22.61	21.16	19.17
		2636.5(41055)	23.63	22.60	21.15	19.15
		2593 (40620)	23.01	21.96	21.07	19.08
		2549.5(40185)	22.37	21.41	21.14	19.14
		2506 (39750)	22.44	21.45	21.03	19.05
	50RB-Middle (25)	2680 (41490)	23.64	22.66	21.14	19.14
		2636.5(41055)	23.61	22.59	21.15	19.15
		2593 (40620)	22.93	21.93	21.12	19.12
		2549.5(40185)	22.37	21.39	21.14	19.14
		2506 (39750)	22.50	21.56	21.01	19.02
	50RB-Low (0)	2680 (41490)	23.58	22.61	21.19	19.19
		2636.5(41055)	23.47	22.47	21.05	19.06
		2593 (40620)	22.87	21.85	21.05	19.06
		2549.5(40185)	22.26	21.28	21.06	19.07
		2506 (39750)	22.58	21.59	20.98	18.99
	100RB (0)	2680 (41490)	23.61	22.63	21.11	19.11
		2636.5(41055)	23.57	22.57	21.13	19.13
		2593 (40620)	22.91	21.95	21.12	19.12
		2549.5(40185)	22.36	21.35	21.11	19.11
		2506 (39750)	22.52	21.52	21.06	19.07

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LTE Band41 PC3(ANT4 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	15.26	15.13	15.11	15.07
		2640.3(41093)	15.26	15.35	15.07	15.03
		2593 (40620)	15.16	15.23	15.34	15.30
		2545.8(40148)	15.28	15.37	15.23	15.19
		2498.5 (39675)	14.67	14.77	15.22	15.18
	1RB-Middle (12)	2687.5 (41565)	15.34	15.45	15.14	15.10
		2640.3(41093)	15.37	15.16	15.21	15.17
		2593 (40620)	15.27	15.38	15.19	15.14
		2545.8(40148)	15.40	15.45	15.12	15.08
		2498.5 (39675)	14.73	14.89	15.28	15.24
	1RB-Low (0)	2687.5 (41565)	15.22	15.28	15.11	15.07
		2640.3(41093)	15.30	15.38	15.18	15.14
		2593 (40620)	15.24	15.14	15.27	15.23
		2545.8(40148)	15.27	15.37	15.19	15.14
		2498.5 (39675)	14.76	14.65	15.05	15.02
	12RB-High (13)	2687.5 (41565)	15.28	15.33	14.94	14.90
		2640.3(41093)	15.35	15.32	14.98	14.95
		2593 (40620)	15.24	15.14	14.97	14.94
		2545.8(40148)	15.36	15.37	15.03	14.99
		2498.5 (39675)	14.79	14.82	15.04	15.00
	12RB-Middle (6)	2687.5 (41565)	15.33	15.34	14.90	14.87
		2640.3(41093)	15.41	15.32	14.94	14.91
		2593 (40620)	15.28	15.12	14.97	14.94
		2545.8(40148)	15.36	15.36	15.01	14.98
		2498.5 (39675)	14.79	14.72	15.02	14.99
	12RB-Low (0)	2687.5 (41565)	15.22	15.25	14.94	14.90
		2640.3(41093)	15.36	15.34	14.89	14.85
		2593 (40620)	15.25	15.39	14.91	14.88
		2545.8(40148)	15.34	15.30	14.97	14.94
		2498.5 (39675)	14.78	14.85	14.99	14.96
	25RB (0)	2687.5 (41565)	15.31	15.30	14.91	14.88
		2640.3(41093)	15.35	15.35	14.97	14.93
		2593 (40620)	15.26	15.26	15.01	14.97
		2545.8(40148)	15.31	15.30	15.02	14.99
		2498.5 (39675)	14.75	14.80	15.01	14.97

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10MHz	1RB-High (49)	2685 (41540)	15.28	15.31	15.10	15.06
		2639(41080)	15.31	15.47	15.24	15.20
		2593 (40620)	15.21	15.45	15.17	15.13
		2547(40160)	15.44	15.43	15.11	15.07
		2501 (39700)	14.78	15.19	15.28	15.24
	1RB-Middle (24)	2685 (41540)	15.39	15.26	15.33	15.29
		2639(41080)	15.37	15.34	15.23	15.34
		2593 (40620)	15.27	15.39	15.26	15.22
		2547(40160)	15.44	15.43	15.25	15.36
		2501 (39700)	14.83	14.92	15.14	15.36
	1RB-Low (0)	2685 (41540)	15.35	15.48	15.25	15.21
		2639(41080)	15.31	15.39	15.26	15.21
		2593 (40620)	15.32	15.38	15.26	15.22
		2547(40160)	15.33	15.50	15.34	15.30
		2501 (39700)	14.77	14.84	15.15	15.11
	25RB-High (25)	2685 (41540)	15.34	15.32	14.95	14.92
		2639(41080)	15.38	15.35	14.94	14.91
		2593 (40620)	15.28	15.28	14.97	14.94
		2547(40160)	15.47	15.44	14.98	14.95
		2501 (39700)	14.88	14.86	15.04	15.00
	25RB-Middle (12)	2685 (41540)	15.42	15.36	14.91	14.88
		2639(41080)	15.39	15.38	15.01	14.97
		2593 (40620)	15.36	15.37	14.95	14.92
		2547(40160)	15.45	15.41	15.07	15.03
		2501 (39700)	14.85	14.83	15.05	15.02
	25RB-Low (0)	2685 (41540)	15.28	15.24	14.94	14.91
		2639(41080)	15.30	15.25	14.94	14.90
		2593 (40620)	15.31	15.29	14.94	14.90
		2547(40160)	15.40	15.37	14.99	14.96
		2501 (39700)	14.83	14.84	14.97	14.93
	50RB (0)	2685 (41540)	15.36	15.35	14.90	14.86
		2639(41080)	15.41	15.35	14.98	14.95
		2593 (40620)	15.33	15.31	14.99	14.96
		2547(40160)	15.48	15.43	15.03	14.99
		2501 (39700)	14.82	14.85	15.03	14.99

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15MHz	1RB-High (74)	2682.5 (41515)	15.21	15.20	15.15	15.11
		2637.8(41068)	15.32	15.41	15.11	15.07
		2593 (40620)	15.21	15.21	15.23	15.35
		2548.3(40173)	15.36	15.16	15.28	15.24
		2503.5 (39725)	14.70	14.81	15.26	15.22
	1RB-Middle (37)	2682.5 (41515)	15.28	15.22	15.19	15.14
		2637.8(41068)	15.21	15.31	15.26	15.21
		2593 (40620)	15.13	15.21	15.23	15.19
		2548.3(40173)	15.40	15.50	15.17	15.13
		2503.5 (39725)	14.70	14.84	15.33	15.29
	1RB-Low (0)	2682.5 (41515)	15.23	15.21	15.16	15.12
		2637.8(41068)	15.25	15.11	15.22	15.18
		2593 (40620)	15.19	15.30	15.32	15.28
		2548.3(40173)	15.26	15.38	15.23	15.19
		2503.5 (39725)	14.65	14.70	15.10	15.06
	36RB-High (38)	2682.5 (41515)	15.22	15.22	14.98	14.95
		2637.8(41068)	15.31	15.30	15.03	14.99
		2593 (40620)	15.19	15.20	15.02	14.99
		2548.3(40173)	15.40	15.44	15.08	15.03
		2503.5 (39725)	14.80	14.83	15.08	15.04
	36RB-Middle (19)	2682.5 (41515)	15.50	15.17	14.95	14.92
		2637.8(41068)	15.31	15.30	14.99	14.96
		2593 (40620)	15.24	15.24	15.02	14.99
		2548.3(40173)	15.36	15.40	15.06	15.03
		2503.5 (39725)	14.77	14.79	15.07	15.03
	36RB-Low (0)	2682.5 (41515)	15.19	15.18	14.98	14.95
		2637.8(41068)	15.22	15.25	14.94	14.90
		2593 (40620)	15.29	15.30	14.96	14.92
		2548.3(40173)	15.35	15.39	15.02	14.99
		2503.5 (39725)	14.69	14.77	15.04	15.00
	75RB (0)	2682.5 (41515)	15.22	15.26	14.96	14.92
		2637.8(41068)	15.29	15.31	15.01	14.98
		2593 (40620)	15.26	15.27	15.05	15.02
		2548.3(40173)	15.39	15.38	15.07	15.03
		2503.5 (39725)	14.77	14.77	15.05	15.02

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20MHz	1RB-High (99)	2680 (41490)	14.85	14.93	15.15	15.10
		2636.5(41055)	15.02	15.13	15.29	15.25
		2593 (40620)	15.09	15.34	15.22	15.18
		2549.5(40185)	14.83	14.95	15.16	15.12
		2506 (39750)	14.98	15.02	15.33	15.29
	1RB-Middle (50)	2680 (41490)	14.80	15.35	15.22	15.33
		2636.5(41055)	14.76	14.93	15.28	15.39
		2593 (40620)	15.12	15.30	15.31	15.27
		2549.5(40185)	14.79	15.25	15.29	15.41
		2506 (39750)	14.96	15.01	15.19	15.41
	1RB-Low (0)	2680 (41490)	15.15	15.18	15.29	15.25
		2636.5(41055)	14.83	14.91	15.30	15.26
		2593 (40620)	15.11	15.21	15.31	15.27
		2549.5(40185)	14.98	15.10	15.23	15.35
		2506 (39750)	14.76	14.81	15.20	15.16
	50RB-High (50)	2680 (41490)	14.81	14.84	15.00	14.96
		2636.5(41055)	15.01	14.96	14.99	14.96
		2593 (40620)	15.22	14.91	15.02	14.99
		2549.5(40185)	14.88	14.87	15.03	14.99
		2506 (39750)	15.10	15.13	15.08	15.04
	50RB-Middle (25)	2680 (41490)	14.86	14.85	14.96	14.92
		2636.5(41055)	14.93	14.94	15.05	15.02
		2593 (40620)	15.23	15.25	15.00	14.96
		2549.5(40185)	14.91	14.94	15.11	15.07
		2506 (39750)	15.07	15.03	15.10	15.06
	50RB-Low (0)	2680 (41490)	14.98	14.96	14.99	14.96
		2636.5(41055)	14.82	14.82	14.98	14.95
		2593 (40620)	15.20	15.23	14.98	14.95
		2549.5(40185)	14.90	14.92	15.04	15.00
		2506 (39750)	14.99	14.97	15.01	14.98
	100RB (0)	2680 (41490)	14.85	14.92	14.94	14.91
		2636.5(41055)	14.94	14.95	15.03	14.99
		2593 (40620)	15.19	15.19	15.04	15.00
		2549.5(40185)	14.91	14.88	15.08	15.03
		2506 (39750)	15.05	15.02	15.08	15.03

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LTE Band41 PC3(ANT5 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.60	22.65	21.60	18.62
		2640.3(41093)	23.54	22.56	21.53	18.56
		2593 (40620)	23.59	22.64	21.49	18.52
		2545.8(40148)	23.70	22.64	21.53	18.56
		2498.5 (39675)	22.28	21.28	21.56	18.58
	1RB-Middle (12)	2687.5 (41565)	23.69	22.72	21.63	18.64
		2640.3(41093)	23.61	22.68	21.58	18.60
		2593 (40620)	23.73	22.63	21.72	18.72
		2545.8(40148)	23.69	22.79	21.79	18.78
		2498.5 (39675)	21.95	20.98	21.66	18.67
	1RB-Low (0)	2687.5 (41565)	23.61	22.73	21.64	18.65
		2640.3(41093)	23.48	22.49	21.64	18.65
		2593 (40620)	23.67	22.68	21.70	18.70
		2545.8(40148)	23.77	22.65	21.60	18.62
		2498.5 (39675)	21.80	20.99	21.74	18.74
	12RB-High (13)	2687.5 (41565)	22.66	21.77	20.76	18.56
		2640.3(41093)	22.63	21.63	20.73	18.53
		2593 (40620)	22.67	21.68	20.70	18.51
		2545.8(40148)	22.64	21.61	20.64	18.46
		2498.5 (39675)	21.12	20.08	20.63	18.63
	12RB-Middle (6)	2687.5 (41565)	22.67	21.65	20.70	18.51
		2640.3(41093)	22.66	21.58	20.63	18.63
		2593 (40620)	22.73	21.78	20.69	18.50
		2545.8(40148)	22.68	21.67	20.68	18.49
		2498.5 (39675)	20.87	19.83	20.68	18.68
	12RB-Low (0)	2687.5 (41565)	22.73	21.71	20.64	18.46
		2640.3(41093)	22.54	21.67	20.61	18.61
		2593 (40620)	22.70	21.68	20.66	18.48
		2545.8(40148)	22.62	21.65	20.76	18.56
		2498.5 (39675)	20.83	19.82	20.73	18.53
	25RB (0)	2687.5 (41565)	22.72	21.63	20.67	18.48
		2640.3(41093)	22.58	21.60	20.79	18.59
		2593 (40620)	22.71	21.70	20.65	18.47
		2545.8(40148)	22.61	21.68	20.68	18.49
		2498.5 (39675)	20.89	19.83	20.77	18.57

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10MHz	1RB-High (49)	2685 (41540)	23.63	22.65	21.71	18.70
		2639(41080)	23.52	22.61	21.53	18.56
		2593 (40620)	23.61	22.73	21.43	18.47
		2547(40160)	23.65	22.73	21.56	18.58
		2501 (39700)	22.76	21.78	21.61	18.63
	1RB-Middle (24)	2685 (41540)	23.71	22.80	21.77	18.77
		2639(41080)	23.51	22.58	21.60	18.62
		2593 (40620)	23.71	22.60	21.68	18.69
		2547(40160)	23.64	22.75	21.71	18.70
		2501 (39700)	22.32	21.34	21.60	18.62
	1RB-Low (0)	2685 (41540)	23.70	22.67	21.68	18.69
		2639(41080)	23.42	22.45	21.51	18.54
		2593 (40620)	23.70	22.62	21.53	18.56
		2547(40160)	23.76	22.77	21.45	18.49
		2501 (39700)	22.00	21.10	21.73	18.73
	25RB-High (25)	2685 (41540)	22.70	21.68	20.64	18.64
		2639(41080)	22.56	21.61	20.79	18.59
		2593 (40620)	22.69	21.70	20.73	18.53
		2547(40160)	22.72	21.72	20.74	18.54
		2501 (39700)	21.62	20.60	20.68	18.49
	25RB-Middle (12)	2685 (41540)	22.73	21.72	20.65	18.64
		2639(41080)	22.59	21.59	20.80	18.60
		2593 (40620)	22.75	21.61	20.74	18.54
		2547(40160)	22.70	21.76	20.74	18.54
		2501 (39700)	21.35	20.33	20.63	18.63
	25RB-Low (0)	2685 (41540)	22.74	21.59	20.75	18.55
		2639(41080)	22.53	21.58	20.68	18.49
		2593 (40620)	22.75	21.73	20.71	18.52
		2547(40160)	22.66	21.67	20.70	18.51
		2501 (39700)	20.84	20.27	20.78	18.58
	50RB (0)	2685 (41540)	22.75	21.64	20.63	18.63
		2639(41080)	22.56	21.59	20.78	18.58
		2593 (40620)	22.72	21.74	20.65	18.47
		2547(40160)	22.67	21.70	20.70	18.51
		2501 (39700)	21.22	20.23	20.76	18.56

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15MHz	1RB-High (74)	2682.5 (41515)	23.38	22.64	21.51	18.54
		2637.8(41068)	23.43	22.44	21.43	18.47
		2593 (40620)	23.43	22.59	21.40	18.44
		2548.3(40173)	23.77	22.69	21.49	18.52
		2503.5 (39725)	22.81	21.90	21.49	18.52
	1RB-Middle (37)	2682.5 (41515)	23.51	22.60	21.49	18.52
		2637.8(41068)	23.32	22.31	21.50	18.53
		2593 (40620)	23.49	22.29	21.37	18.42
		2548.3(40173)	23.71	22.65	21.49	18.52
		2503.5 (39725)	22.33	21.34	21.50	18.53
	1RB-Low (0)	2682.5 (41515)	23.51	22.72	21.59	18.61
		2637.8(41068)	23.26	22.29	21.48	18.51
		2593 (40620)	23.61	22.64	21.54	18.56
		2548.3(40173)	23.69	22.66	21.54	18.56
		2503.5 (39725)	22.27	21.29	21.53	18.56
	36RB-High (38)	2682.5 (41515)	22.53	21.77	20.65	18.47
		2637.8(41068)	22.48	21.47	20.61	18.43
		2593 (40620)	22.51	21.55	20.57	18.39
		2548.3(40173)	22.61	21.66	20.64	18.46
		2503.5 (39725)	21.75	20.70	20.59	18.41
	36RB-Middle (19)	2682.5 (41515)	22.53	21.77	20.60	18.42
		2637.8(41068)	22.42	21.45	20.62	18.44
		2593 (40620)	22.57	21.57	20.56	18.38
		2548.3(40173)	22.75	21.60	20.60	18.42
		2503.5 (39725)	21.47	20.49	20.62	18.44
	36RB-Low (0)	2682.5 (41515)	22.64	21.73	20.67	18.48
		2637.8(41068)	22.31	21.32	20.56	18.38
		2593 (40620)	22.63	21.67	20.62	18.44
		2548.3(40173)	22.73	21.72	20.65	18.47
		2503.5 (39725)	20.92	19.93	20.66	18.48
	75RB (0)	2682.5 (41515)	22.72	21.61	20.62	18.44
		2637.8(41068)	22.40	21.42	20.62	18.44
		2593 (40620)	22.60	21.56	20.59	18.41
		2548.3(40173)	22.62	21.74	20.61	18.43
		2503.5 (39725)	21.36	20.34	20.66	18.48

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20MHz	1RB-High (99)	2680 (41490)	23.64	22.57	21.50	18.53
		2636.5(41055)	23.41	22.45	21.55	18.57
		2593 (40620)	23.49	22.52	21.59	18.61
		2549.5(40185)	23.61	22.65	21.46	18.49
		2506 (39750)	23.12	21.99	21.50	18.53
	1RB-Middle (50)	2680 (41490)	23.68	22.62	21.60	18.62
		2636.5(41055)	23.30	22.33	21.40	18.44
		2593 (40620)	23.51	22.32	21.71	18.71
		2549.5(40185)	23.60	22.71	21.56	18.58
		2506 (39750)	23.06	21.69	21.47	18.50
	1RB-Low (0)	2680 (41490)	23.79	22.62	21.58	18.60
		2636.5(41055)	23.45	22.36	21.38	18.42
		2593 (40620)	23.70	22.79	21.57	18.59
		2549.5(40185)	23.68	22.43	21.56	18.58
		2506 (39750)	23.15	21.88	21.46	18.49
	50RB-High (50)	2680 (41490)	22.79	21.76	20.61	18.43
		2636.5(41055)	22.45	21.46	20.63	18.45
		2593 (40620)	22.50	21.55	20.59	18.41
		2549.5(40185)	22.78	21.80	20.63	18.45
		2506 (39750)	21.95	20.96	20.57	18.39
	50RB-Middle (25)	2680 (41490)	22.77	21.71	20.63	18.45
		2636.5(41055)	22.44	21.45	20.60	18.42
		2593 (40620)	22.53	21.62	20.63	18.45
		2549.5(40185)	22.70	21.71	20.64	18.46
		2506 (39750)	21.70	20.66	20.65	18.47
	50RB-Low (0)	2680 (41490)	22.71	21.72	20.66	18.48
		2636.5(41055)	22.30	21.29	20.57	18.39
		2593 (40620)	22.69	21.68	20.57	18.39
		2549.5(40185)	22.78	21.79	20.55	18.37
		2506 (39750)	21.19	20.15	20.59	18.41
	100RB (0)	2680 (41490)	22.72	21.66	20.64	18.46
		2636.5(41055)	22.40	21.40	20.63	18.45
		2593 (40620)	22.57	21.61	20.58	18.40
		2549.5(40185)	22.71	21.78	20.65	18.47
		2506 (39750)	21.65	20.61	20.62	18.44

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LTE Band41 PC3(ANT5 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	14.40	14.67	14.75	14.61
		2640.3(41093)	14.65	14.61	14.69	14.55
		2593 (40620)	14.70	14.66	14.74	14.60
		2545.8(40148)	14.61	14.87	14.96	14.81
		2498.5 (39675)	14.47	14.45	14.53	14.39
	1RB-Middle (12)	2687.5 (41565)	14.49	14.77	14.85	14.71
		2640.3(41093)	14.75	14.96	15.05	14.91
		2593 (40620)	14.74	14.96	15.05	14.91
		2545.8(40148)	14.75	14.68	14.76	14.62
		2498.5 (39675)	14.21	14.35	14.42	14.29
	1RB-Low (0)	2687.5 (41565)	14.42	14.60	14.68	14.54
		2640.3(41093)	14.72	14.77	14.85	14.71
		2593 (40620)	14.71	14.78	14.86	14.72
		2545.8(40148)	14.54	14.66	14.74	14.60
		2498.5 (39675)	14.58	14.54	14.62	14.48
	12RB-High (13)	2687.5 (41565)	14.54	14.51	14.59	14.45
		2640.3(41093)	14.71	14.73	14.81	14.67
		2593 (40620)	14.84	14.86	14.95	14.80
		2545.8(40148)	14.68	14.78	14.86	14.72
		2498.5 (39675)	14.30	14.34	14.41	14.28
	12RB-Middle (6)	2687.5 (41565)	14.53	14.59	14.67	14.53
		2640.3(41093)	14.74	14.67	14.75	14.61
		2593 (40620)	14.86	14.77	14.85	14.71
		2545.8(40148)	14.72	14.81	14.89	14.75
		2498.5 (39675)	14.03	14.08	14.15	14.01
	12RB-Low (0)	2687.5 (41565)	14.51	14.56	14.64	14.50
		2640.3(41093)	14.70	14.73	14.81	14.67
		2593 (40620)	14.78	14.92	15.01	14.86
		2545.8(40148)	14.70	14.65	14.73	14.59
		2498.5 (39675)	13.55	13.65	13.71	13.58
	25RB (0)	2687.5 (41565)	14.51	14.50	14.58	14.44
		2640.3(41093)	14.73	14.72	14.80	14.66
		2593 (40620)	14.77	14.78	14.86	14.72
		2545.8(40148)	14.70	14.71	14.79	14.65
		2498.5 (39675)	13.93	13.92	13.98	13.85

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10MHz	1RB-High (49)	2685 (41540)	14.47	14.69	14.77	14.63
		2639(41080)	14.68	14.75	14.83	14.69
		2593 (40620)	14.76	14.84	14.93	14.78
		2547(40160)	14.69	14.80	14.88	14.74
		2501 (39700)	14.87	14.96	15.05	14.91
	1RB-Middle (24)	2685 (41540)	14.61	14.66	14.74	14.60
		2639(41080)	14.79	14.80	14.88	14.74
		2593 (40620)	14.82	14.84	14.93	14.78
		2547(40160)	14.76	14.79	14.87	14.73
		2501 (39700)	14.50	14.48	14.56	14.42
	1RB-Low (0)	2685 (41540)	14.43	14.61	14.69	14.55
		2639(41080)	14.79	14.76	14.84	14.70
		2593 (40620)	14.77	14.74	14.82	14.68
		2547(40160)	14.78	14.75	14.83	14.69
		2501 (39700)	14.64	14.67	14.75	14.61
	25RB-High (25)	2685 (41540)	14.54	14.55	14.63	14.49
		2639(41080)	14.77	14.81	14.89	14.75
		2593 (40620)	14.86	14.82	14.90	14.76
		2547(40160)	14.79	14.77	14.85	14.71
		2501 (39700)	14.68	14.67	14.75	14.61
	25RB-Middle (12)	2685 (41540)	14.52	14.51	14.59	14.45
		2639(41080)	14.84	14.79	14.87	14.73
		2593 (40620)	14.91	14.84	14.93	14.78
		2547(40160)	14.81	14.80	14.88	14.74
		2501 (39700)	14.51	14.52	14.60	14.46
	25RB-Low (0)	2685 (41540)	14.54	14.54	14.62	14.48
		2639(41080)	14.83	14.79	14.87	14.73
		2593 (40620)	14.87	14.88	14.97	14.82
		2547(40160)	14.79	14.78	14.86	14.72
		2501 (39700)	14.07	14.10	14.17	14.03
	50RB (0)	2685 (41540)	14.53	14.51	14.59	14.45
		2639(41080)	14.83	14.79	14.87	14.73
		2593 (40620)	14.88	14.85	14.94	14.79
		2547(40160)	14.75	14.82	14.90	14.76
		2501 (39700)	14.41	14.40	14.48	14.34

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15MHz	1RB-High (74)	2682.5 (41515)	14.43	14.46	14.54	14.40
		2637.8(41068)	14.73	14.75	14.83	14.69
		2593 (40620)	14.83	14.69	14.77	14.63
		2548.3(40173)	14.62	14.65	14.73	14.59
		2503.5 (39725)	14.72	14.76	14.84	14.70
	1RB-Middle (37)	2682.5 (41515)	14.47	14.47	14.55	14.41
		2637.8(41068)	14.68	14.73	14.81	14.67
		2593 (40620)	14.85	15.02	15.11	14.97
		2548.3(40173)	14.57	14.86	14.95	14.80
		2503.5 (39725)	14.59	14.49	14.57	14.43
	1RB-Low (0)	2682.5 (41515)	14.52	14.56	14.64	14.50
		2637.8(41068)	14.73	14.69	14.77	14.63
		2593 (40620)	14.71	14.72	14.80	14.66
		2548.3(40173)	14.57	14.80	14.88	14.74
		2503.5 (39725)	14.61	14.59	14.67	14.53
	36RB-High (38)	2682.5 (41515)	14.55	14.46	14.54	14.40
		2637.8(41068)	14.76	14.70	14.78	14.64
		2593 (40620)	14.83	14.78	14.86	14.72
		2548.3(40173)	14.72	14.65	14.73	14.59
		2503.5 (39725)	14.79	14.75	14.83	14.69
	36RB-Middle (19)	2682.5 (41515)	14.48	14.41	14.49	14.35
		2637.8(41068)	14.78	14.77	14.85	14.71
		2593 (40620)	14.84	14.81	14.89	14.75
		2548.3(40173)	14.75	14.68	14.76	14.62
		2503.5 (39725)	14.60	14.63	14.71	14.57
	36RB-Low (0)	2682.5 (41515)	14.52	14.46	14.54	14.40
		2637.8(41068)	14.73	14.70	14.78	14.64
		2593 (40620)	14.77	14.81	14.89	14.75
		2548.3(40173)	14.75	14.66	14.74	14.60
		2503.5 (39725)	14.23	14.21	14.28	14.14
	75RB (0)	2682.5 (41515)	14.47	14.47	14.55	14.41
		2637.8(41068)	14.77	14.73	14.81	14.67
		2593 (40620)	14.83	14.79	14.87	14.73
		2548.3(40173)	14.68	14.68	14.76	14.62
		2503.5 (39725)	14.51	14.53	14.61	14.47

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20MHz	1RB-High (99)	2680 (41490)	14.47	14.22	14.29	14.15
		2636.5(41055)	14.61	14.56	14.64	14.50
		2593 (40620)	14.63	14.53	14.61	14.47
		2549.5(40185)	14.66	14.47	14.55	14.41
		2506 (39750)	14.67	14.63	14.71	14.57
	1RB-Middle (50)	2680 (41490)	14.21	14.20	14.27	14.13
		2636.5(41055)	14.42	14.79	14.87	14.73
		2593 (40620)	14.62	14.89	14.98	14.83
		2549.5(40185)	14.41	14.70	14.78	14.64
		2506 (39750)	14.51	14.67	14.75	14.61
	1RB-Low (0)	2680 (41490)	14.33	14.33	14.40	14.27
		2636.5(41055)	14.60	14.61	14.69	14.55
		2593 (40620)	14.58	14.61	14.69	14.55
		2549.5(40185)	14.55	14.74	14.82	14.68
		2506 (39750)	14.21	13.42	13.47	13.34
	50RB-High (50)	2680 (41490)	14.32	14.35	14.42	14.29
		2636.5(41055)	14.64	14.50	14.58	14.44
		2593 (40620)	14.64	14.70	14.78	14.64
		2549.5(40185)	14.58	14.54	14.62	14.48
		2506 (39750)	14.66	14.72	14.80	14.66
	50RB-Middle (25)	2680 (41490)	14.23	14.30	14.37	14.24
		2636.5(41055)	14.58	14.53	14.61	14.47
		2593 (40620)	14.64	14.62	14.70	14.56
		2549.5(40185)	14.51	14.55	14.63	14.49
		2506 (39750)	14.59	14.65	14.73	14.59
	50RB-Low (0)	2680 (41490)	14.30	14.33	14.40	14.27
		2636.5(41055)	14.51	14.49	14.57	14.43
		2593 (40620)	14.64	14.64	14.72	14.58
		2549.5(40185)	14.56	14.59	14.67	14.53
		2506 (39750)	14.26	14.33	14.40	14.27
	100RB (0)	2680 (41490)	14.29	14.31	14.38	14.25
		2636.5(41055)	14.56	14.58	14.66	14.52
		2593 (40620)	14.62	14.65	14.73	14.59
		2549.5(40185)	14.51	14.54	14.62	14.48
		2506 (39750)	14.47	14.53	14.61	14.47

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LTE Band48(ANT2 DSI 1/2/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	23.93	23.04	21.89	18.37
		55990	24.14	23.22	22.09	18.54
		55265	24.11	23.20	22.29	18.71
	1RB-Middle (12)	56715	24.14	23.10	21.97	18.44
		55990	24.27	23.31	22.23	18.66
		55265	24.25	23.29	22.23	18.66
	1RB-Low (0)	56715	23.90	22.97	21.93	18.40
		55990	24.18	23.36	22.19	18.62
		55265	24.13	23.14	21.99	18.45
	12RB-High (13)	56715	23.02	22.04	20.96	18.39
		55990	23.25	22.25	21.17	18.57
		55265	23.22	22.13	21.24	18.62
	12RB-Middle (6)	56715	23.04	21.93	21.09	18.50
		55990	23.28	22.22	21.23	18.62
		55265	23.25	22.28	21.30	18.67
	12RB-Low (0)	56715	23.02	22.06	20.97	18.40
		55990	23.26	22.28	21.24	18.62
		55265	23.20	22.30	21.14	18.54
	25RB (0)	56715	22.99	22.06	20.99	18.41
		55990	23.26	22.24	21.26	18.64
		55265	23.21	22.22	21.21	18.60
10MHz	1RB-High (49)	56690	23.90	23.15	21.93	18.40
		55990	24.22	23.33	22.18	18.61
		55290	24.17	23.14	22.21	18.64
	1RB-Middle (24)	56690	23.95	23.10	22.03	18.49
		55990	24.18	23.24	22.20	18.63
		55290	24.16	23.14	22.11	18.55
	1RB-Low (0)	56690	23.96	23.08	21.91	18.39
		55990	24.15	23.59	22.15	18.59
		55290	24.17	23.28	22.25	18.67
	25RB-High (25)	56690	23.06	22.04	21.04	18.46
		55990	23.20	22.19	21.16	18.56
		55290	23.25	22.24	21.27	18.65
	25RB-Middle (12)	56690	23.08	22.11	21.04	18.46
		55990	23.19	22.18	21.20	18.59
		55290	23.26	22.26	21.26	18.64
	25RB-Low (0)	56690	23.07	22.00	21.07	18.48
		55990	23.17	22.20	21.14	18.54
		55290	23.25	22.25	21.23	18.62
	50RB (0)	56690	23.02	22.03	21.06	18.47
		55990	23.20	22.17	21.14	18.54
		55290	23.26	22.27	21.28	18.66

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15MHz	1RB-High (74)	56665	23.74	22.68	21.72	18.23
		55990	23.96	23.10	22.03	18.49
		55315	23.99	23.18	21.93	18.40
	1RB-Middle (37)	56665	23.85	23.02	21.93	18.40
		55990	24.05	23.14	22.14	18.58
		55315	24.00	23.23	21.94	18.41
	1RB-Low (0)	56665	23.82	22.86	21.88	18.36
		55990	23.97	23.07	22.01	18.47
		55315	24.17	23.18	21.93	18.40
	36RB-High (38)	56665	22.92	21.96	20.92	18.36
		55990	23.08	22.08	21.07	18.48
		55315	23.16	22.15	21.16	18.56
	36RB-Middle (19)	56665	22.92	21.90	20.94	18.37
		55990	23.05	22.03	21.06	18.47
		55315	23.11	22.17	21.13	18.53
	36RB-Low (0)	56665	22.97	21.95	20.92	18.36
		55990	23.05	22.08	21.01	18.43
		55315	23.05	22.04	21.01	18.43
	75RB (0)	56665	22.95	21.92	20.93	18.36
		55990	23.05	22.09	21.06	18.47
		55315	23.13	22.12	21.16	18.56
20MHz	1RB-High (99)	56640	23.76	22.67	21.73	18.24
		55990	23.99	23.07	21.96	18.43
		55340	23.98	23.05	21.81	18.30
	1RB-Middle (50)	56640	23.86	23.06	21.77	18.27
		55990	24.08	23.37	21.99	18.45
		55340	24.06	22.90	22.24	18.66
	1RB-Low (0)	56640	23.86	22.88	21.78	18.28
		55990	24.06	23.30	21.89	18.37
		55340	24.12	22.99	21.89	18.37
	50RB-High (50)	56640	22.96	21.98	20.99	18.41
		55990	23.11	22.07	21.15	18.55
		55340	23.12	22.16	21.13	18.53
	50RB-Middle (25)	56640	22.95	21.97	20.93	18.36
		55990	23.09	22.06	21.07	18.48
		55340	23.18	22.19	21.16	18.56
	50RB-Low (0)	56640	23.00	22.01	20.96	18.39
		55990	23.03	22.05	21.04	18.46
		55340	23.14	22.16	21.14	18.54
	100RB (0)	56640	22.96	21.96	20.95	18.38
		55990	23.06	22.04	21.05	18.47
		55340	23.15	22.17	21.12	18.52

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LTE Band48(ANT2 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	12.73	12.61	12.62	12.98
		55990	12.91	12.90	13.03	13.16
		55265	12.92	13.01	12.90	13.17
	1RB-Middle (12)	56715	12.80	12.79	12.67	13.05
		55990	12.96	12.95	12.87	13.21
		55265	13.02	13.06	12.92	13.27
	1RB-Low (0)	56715	12.66	12.68	12.59	12.91
		55990	12.91	12.89	12.89	13.16
		55265	12.93	12.97	12.80	13.18
	12RB-High (13)	56715	12.78	12.69	12.69	13.03
		55990	12.99	12.97	12.86	13.24
		55265	13.01	12.93	12.92	13.26
	12RB-Middle (6)	56715	12.78	12.73	12.75	13.03
		55990	12.99	13.01	12.98	13.24
		55265	13.04	12.99	13.07	13.29
	12RB-Low (0)	56715	12.77	12.82	12.75	13.02
		55990	12.98	12.94	12.86	13.23
		55265	12.98	12.88	12.95	13.23
	25RB (0)	56715	12.77	12.77	12.72	13.02
		55990	13.01	13.01	13.00	13.26
		55265	13.01	13.02	13.05	13.26
10MHz	1RB-High (49)	56690	12.73	12.78	12.58	12.98
		55990	12.96	12.92	12.78	13.21
		55290	12.95	12.93	12.83	13.20
	1RB-Middle (24)	56690	12.82	12.79	12.79	13.07
		55990	13.02	12.96	13.08	13.27
		55290	12.98	13.01	13.00	13.23
	1RB-Low (0)	56690	12.78	12.81	12.59	13.03
		55990	12.90	12.96	12.92	13.15
		55290	12.98	13.03	12.86	13.23
	25RB-High (25)	56690	12.78	12.73	12.77	13.03
		55990	12.93	12.90	12.95	13.18
		55290	13.03	13.06	13.04	13.28
	25RB-Middle (12)	56690	12.78	12.78	12.81	13.03
		55990	13.03	12.96	13.03	13.28
		55290	13.03	13.04	13.04	13.28
	25RB-Low (0)	56690	12.80	12.76	12.77	13.05
		55990	12.90	12.97	12.88	13.15
		55290	12.99	13.02	13.01	13.24
	50RB (0)	56690	12.77	12.79	12.80	13.02
		55990	12.96	12.91	12.92	13.21
		55290	13.04	13.00	13.00	13.29

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15MHz	1RB-High (74)	56665	12.59	12.58	12.53	12.84
		55990	12.74	12.61	12.55	12.99
		55315	12.75	12.83	12.87	13.00
	1RB-Middle (37)	56665	12.61	12.58	12.58	12.86
		55990	12.81	12.86	12.87	13.06
		55315	12.78	12.76	12.88	13.03
	1RB-Low (0)	56665	12.60	12.60	12.66	12.85
		55990	12.83	12.80	12.66	13.08
		55315	12.86	12.82	12.91	13.11
	36RB-High (38)	56665	12.67	12.68	12.64	12.92
		55990	12.80	12.83	12.83	13.05
		55315	12.93	12.91	12.90	13.18
	36RB-Middle (19)	56665	12.63	12.67	12.66	12.88
		55990	12.82	12.81	12.81	13.07
		55315	12.87	12.93	12.88	13.12
	36RB-Low (0)	56665	12.67	12.71	12.69	12.92
		55990	12.81	12.76	12.77	13.06
		55315	12.87	12.90	12.87	13.12
	75RB (0)	56665	12.68	12.71	12.67	12.93
		55990	12.84	12.78	12.80	13.09
		55315	12.88	12.92	12.89	13.13
20MHz	1RB-High (99)	56640	12.54	12.58	12.38	12.78
		55990	12.83	12.85	12.77	13.08
		55340	12.75	12.85	12.59	13.00
	1RB-Middle (50)	56640	12.63	12.52	12.64	12.88
		55990	12.80	12.98	12.90	13.05
		55340	12.84	13.10	12.85	13.09
	1RB-Low (0)	56640	12.66	12.72	12.58	12.91
		55990	12.88	12.70	12.84	13.13
		55340	12.77	12.88	12.65	13.02
	50RB-High (50)	56640	12.66	12.72	12.66	12.91
		55990	12.87	12.83	12.82	13.12
		55340	12.88	12.90	12.92	13.13
	50RB-Middle (25)	56640	12.71	12.70	12.72	12.96
		55990	12.81	12.83	12.83	13.06
		55340	12.92	12.94	12.96	13.17
	50RB-Low (0)	56640	12.74	12.75	12.72	12.99
		55990	12.84	12.80	12.78	13.09
		55340	12.90	12.91	12.91	13.15
	100RB (0)	56640	12.71	12.70	12.69	12.96
		55990	12.84	12.81	12.85	13.09
		55340	12.91	12.91	12.88	13.16

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LTE Band48(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	20.11	20.15	20.20	18.47
		55990	20.31	20.44	20.42	18.69
		55265	20.30	20.32	20.38	18.65
	1RB-Middle (12)	56715	20.20	20.23	20.16	18.43
		55990	20.48	20.61	20.42	18.69
		55265	20.38	20.54	20.26	18.53
	1RB-Low (0)	56715	20.09	20.19	20.21	18.48
		55990	20.33	20.46	20.28	18.55
		55265	20.29	20.29	20.38	18.65
	12RB-High (13)	56715	20.20	20.11	20.14	18.41
		55990	20.44	20.38	20.47	18.74
		55265	20.39	20.38	20.42	18.69
	12RB-Middle (6)	56715	20.25	20.25	20.22	18.49
		55990	20.45	20.39	20.44	18.71
		55265	20.43	20.44	20.41	18.68
	12RB-Low (0)	56715	20.17	20.06	20.24	18.51
		55990	20.42	20.45	20.43	18.70
		55265	20.41	20.37	20.42	18.69
	25RB (0)	56715	20.19	20.14	20.19	18.46
		55990	20.45	20.45	20.41	18.68
		55265	20.41	20.43	20.36	18.63
10MHz	1RB-High (49)	56690	20.16	19.99	20.14	18.41
		55990	20.31	20.55	20.27	18.54
		55290	20.31	20.65	20.40	18.67
	1RB-Middle (24)	56690	20.09	20.14	20.18	18.45
		55990	20.38	20.41	20.33	18.60
		55290	20.40	20.46	20.32	18.59
	1RB-Low (0)	56690	20.12	20.29	20.06	18.33
		55990	20.39	20.34	20.34	18.61
		55290	20.34	20.45	20.31	18.58
	25RB-High (25)	56690	20.20	20.16	20.20	18.47
		55990	20.36	20.39	20.37	18.64
		55290	20.43	20.43	20.46	18.73
	25RB-Middle (12)	56690	20.20	20.23	20.26	18.53
		55990	20.41	20.40	20.39	18.66
		55290	20.46	20.49	20.44	18.71
	25RB-Low (0)	56690	20.18	20.21	20.24	18.51
		55990	20.32	20.33	20.36	18.63
		55290	20.38	20.40	20.43	18.70
	50RB (0)	56690	20.18	20.22	20.23	18.50
		55990	20.40	20.36	20.36	18.63
		55290	20.46	20.45	20.40	18.67

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15MHz	1RB-High (74)	56665	19.89	19.94	19.89	18.16
		55990	20.09	20.31	20.11	18.38
		55315	20.23	20.07	20.17	18.44
	1RB-Middle (37)	56665	19.97	20.13	19.95	18.22
		55990	20.24	20.44	20.26	18.53
		55315	20.18	20.35	20.27	18.54
	1RB-Low (0)	56665	19.97	19.97	20.02	18.29
		55990	20.05	20.20	20.22	18.49
		55315	20.18	20.17	20.01	18.28
	36RB-High (38)	56665	20.07	20.13	20.09	18.36
		55990	20.23	20.24	20.25	18.52
		55315	20.31	20.32	20.31	18.58
	36RB-Middle (19)	56665	20.09	20.07	20.06	18.33
		55990	20.21	20.24	20.26	18.53
		55315	20.29	20.27	20.30	18.57
	36RB-Low (0)	56665	20.05	20.06	20.11	18.38
		55990	20.21	20.17	20.25	18.52
		55315	20.19	20.28	20.23	18.50
	75RB (0)	56665	20.08	20.10	20.10	18.37
		55990	20.18	20.21	20.26	18.53
		55315	20.29	20.29	20.32	18.59
20MHz	1RB-High (99)	56640	19.97	20.01	19.83	18.10
		55990	20.20	20.23	20.23	18.50
		55340	20.16	20.26	20.15	18.42
	1RB-Middle (50)	56640	19.99	20.21	20.00	18.27
		55990	20.15	20.35	20.12	18.39
		55340	20.10	20.74	20.11	18.38
	1RB-Low (0)	56640	20.12	20.09	20.03	18.30
		55990	20.17	20.23	20.11	18.38
		55340	20.27	20.31	20.03	18.30
	50RB-High (50)	56640	20.11	20.09	20.10	18.37
		55990	20.18	20.21	20.29	18.56
		55340	20.28	20.31	20.22	18.49
	50RB-Middle (25)	56640	20.12	20.09	20.12	18.39
		55990	20.19	20.21	20.25	18.52
		55340	20.34	20.30	20.29	18.56
	50RB-Low (0)	56640	20.06	20.11	20.11	18.38
		55990	20.19	20.22	20.24	18.51
		55340	20.28	20.29	20.30	18.57
	100RB (0)	56640	20.09	20.06	20.10	18.37
		55990	20.18	20.19	20.22	18.49
		55340	20.28	20.29	20.32	18.59

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LTE Band48(ANT2 DSI 16)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	19.08	19.12	19.17	18.42
		55990	19.28	19.41	19.39	18.64
		55265	19.27	19.29	19.35	18.60
	1RB-Middle (12)	56715	19.17	19.20	19.13	18.38
		55990	19.45	19.58	19.39	18.64
		55265	19.35	19.51	19.23	18.48
	1RB-Low (0)	56715	19.06	19.16	19.18	18.43
		55990	19.30	19.43	19.25	18.50
		55265	19.26	19.26	19.35	18.60
	12RB-High (13)	56715	19.17	19.08	19.11	18.36
		55990	19.41	19.35	19.44	18.69
		55265	19.36	19.35	19.39	18.64
	12RB-Middle (6)	56715	19.22	19.22	19.19	18.44
		55990	19.42	19.36	19.41	18.66
		55265	19.40	19.41	19.38	18.63
	12RB-Low (0)	56715	19.14	19.03	19.21	18.46
		55990	19.39	19.42	19.40	18.65
		55265	19.38	19.34	19.39	18.64
	25RB (0)	56715	19.16	19.11	19.16	18.41
		55990	19.42	19.42	19.38	18.63
		55265	19.38	19.40	19.33	18.58
10MHz	1RB-High (49)	56690	19.13	18.96	19.11	18.36
		55990	19.28	19.52	19.24	18.49
		55290	19.28	19.62	19.37	18.62
	1RB-Middle (24)	56690	19.06	19.11	19.15	18.40
		55990	19.35	19.38	19.30	18.55
		55290	19.37	19.43	19.29	18.54
	1RB-Low (0)	56690	19.09	19.26	19.03	18.28
		55990	19.36	19.31	19.31	18.56
		55290	19.31	19.42	19.28	18.53
	25RB-High (25)	56690	19.17	19.13	19.17	18.42
		55990	19.33	19.36	19.34	18.59
		55290	19.40	19.40	19.43	18.68
	25RB-Middle (12)	56690	19.17	19.20	19.23	18.48
		55990	19.38	19.37	19.36	18.61
		55290	19.43	19.46	19.41	18.66
	25RB-Low (0)	56690	19.15	19.18	19.21	18.46
		55990	19.29	19.30	19.33	18.58
		55290	19.35	19.37	19.40	18.65
	50RB (0)	56690	19.15	19.19	19.20	18.45
		55990	19.37	19.33	19.33	18.58
		55290	19.43	19.42	19.37	18.62

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15MHz	1RB-High (74)	56665	18.86	18.91	18.86	18.11
		55990	19.06	19.28	19.08	18.33
		55315	19.20	19.04	19.14	18.39
	1RB-Middle (37)	56665	18.94	19.10	18.92	18.17
		55990	19.21	19.41	19.23	18.48
		55315	19.15	19.32	19.24	18.49
	1RB-Low (0)	56665	18.94	18.94	18.99	18.24
		55990	19.02	19.17	19.19	18.44
		55315	19.15	19.14	18.98	18.23
	36RB-High (38)	56665	19.04	19.10	19.06	18.31
		55990	19.20	19.21	19.22	18.47
		55315	19.28	19.29	19.28	18.53
	36RB-Middle (19)	56665	19.06	19.04	19.03	18.28
		55990	19.18	19.21	19.23	18.48
		55315	19.26	19.24	19.27	18.52
	36RB-Low (0)	56665	19.02	19.03	19.08	18.33
		55990	19.18	19.14	19.22	18.47
		55315	19.16	19.25	19.20	18.45
	75RB (0)	56665	19.05	19.07	19.07	18.32
		55990	19.15	19.18	19.23	18.48
		55315	19.26	19.26	19.29	18.54
20MHz	1RB-High (99)	56640	18.94	18.98	18.80	18.05
		55990	19.17	19.20	19.20	18.45
		55340	19.13	19.23	19.12	18.37
	1RB-Middle (50)	56640	18.96	19.18	18.97	18.22
		55990	19.12	19.32	19.09	18.34
		55340	19.07	19.71	19.08	18.33
	1RB-Low (0)	56640	19.09	19.06	19.00	18.25
		55990	19.14	19.20	19.08	18.33
		55340	19.24	19.28	19.00	18.25
	50RB-High (50)	56640	19.08	19.06	19.07	18.32
		55990	19.15	19.18	19.26	18.51
		55340	19.25	19.28	19.19	18.44
	50RB-Middle (25)	56640	19.09	19.06	19.09	18.34
		55990	19.16	19.18	19.22	18.47
		55340	19.31	19.27	19.26	18.51
	50RB-Low (0)	56640	19.03	19.08	19.08	18.33
		55990	19.16	19.19	19.21	18.46
		55340	19.25	19.26	19.27	18.52
	100RB (0)	56640	19.06	19.03	19.07	18.32
		55990	19.15	19.16	19.19	18.44
		55340	19.25	19.26	19.29	18.54

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LTE Band48(ANT3 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	22.99	22.05	20.85	17.35
		55990	22.83	21.77	20.74	17.35
		55265	22.98	22.05	20.96	17.47
	1RB-Middle (12)	56715	23.02	22.17	21.00	17.62
		55990	22.97	22.10	20.89	17.50
		55265	22.98	22.09	20.92	17.60
	1RB-Low (0)	56715	22.94	21.85	20.84	17.39
		55990	22.90	22.02	20.87	17.48
		55265	22.87	21.89	20.76	17.46
	12RB-High (13)	56715	21.99	20.98	19.89	17.55
		55990	21.91	20.92	19.90	17.55
		55265	22.05	21.03	19.97	17.62
	12RB-Middle (6)	56715	22.05	21.05	20.02	17.52
		55990	21.95	21.00	19.98	17.67
		55265	22.01	21.02	19.97	17.63
	12RB-Low (0)	56715	21.99	21.02	19.93	17.39
		55990	21.97	21.00	19.84	17.45
		55265	22.04	21.03	19.94	17.64
	25RB (0)	56715	22.00	20.98	19.96	17.57
		55990	21.93	20.92	19.96	17.56
		55265	22.03	21.03	20.00	17.62
10MHz	1RB-High (49)	56690	22.59	21.70	20.57	17.32
		55990	22.61	21.71	20.41	17.45
		55290	22.68	21.87	20.57	17.44
	1RB-Middle (24)	56690	22.56	21.89	20.55	17.44
		55990	22.64	21.71	20.61	17.55
		55290	22.65	21.62	20.50	17.43
	1RB-Low (0)	56690	22.60	21.61	20.52	17.45
		55990	22.69	21.79	20.69	17.53
		55290	22.57	21.63	20.58	17.44
	25RB-High (25)	56690	21.62	20.59	19.63	17.56
		55990	21.65	20.66	19.58	17.55
		55290	21.60	20.65	19.60	17.59
	25RB-Middle (12)	56690	21.63	20.67	19.64	17.51
		55990	21.69	20.62	19.73	17.58
		55290	21.61	20.64	19.61	17.62
	25RB-Low (0)	56690	21.61	20.59	19.55	17.52
		55990	21.73	20.69	19.70	17.57
		55290	21.66	20.66	19.61	17.62
	50RB (0)	56690	21.59	20.61	19.58	17.57
		55990	21.68	20.67	19.69	17.56
		55290	21.60	20.57	19.58	17.62

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15MHz	1RB-High (74)	56665	22.63	21.52	20.45	17.15
		55990	22.56	21.50	20.43	17.27
		55315	22.61	21.69	20.54	17.30
	1RB-Middle (37)	56665	22.65	21.59	20.76	17.22
		55990	22.67	21.83	20.62	17.19
		55315	22.57	21.56	20.48	17.28
	1RB-Low (0)	56665	22.61	21.61	20.70	17.22
		55990	22.81	21.78	20.75	17.34
		55315	22.75	21.44	20.45	17.27
	36RB-High (38)	56665	21.79	20.79	19.80	17.46
		55990	21.70	20.71	19.71	17.45
		55315	21.67	20.67	19.66	17.48
	36RB-Middle (19)	56665	21.74	20.80	19.69	17.36
		55990	21.71	20.71	19.69	17.43
		55315	21.73	20.67	19.69	17.51
	36RB-Low (0)	56665	21.72	20.72	19.73	17.42
		55990	21.77	20.73	19.77	17.48
		55315	21.68	20.65	19.64	17.51
	75RB (0)	56665	21.73	20.75	19.72	17.38
		55990	21.71	20.70	19.71	17.48
		55315	21.74	20.69	19.69	17.49
20MHz	1RB-High (99)	56640	22.72	22.11	20.97	17.29
		55990	22.66	21.84	20.65	17.44
		55340	22.92	22.11	20.95	17.26
	1RB-Middle (50)	56640	22.84	22.09	20.94	17.45
		55990	22.83	21.92	20.84	17.45
		55340	22.92	22.08	21.13	17.35
	1RB-Low (0)	56640	22.92	21.84	20.78	17.31
		55990	22.94	22.05	20.96	17.49
		55340	22.81	21.75	20.71	17.38
	50RB-High (50)	56640	21.91	21.03	20.08	16.93
		55990	21.89	20.90	19.95	17.01
		55340	21.97	21.02	19.99	16.99
	50RB-Middle (25)	56640	21.98	20.99	19.98	16.92
		55990	21.92	20.92	19.95	17.08
		55340	21.93	20.94	19.91	16.96
	50RB-Low (0)	56640	21.90	20.98	19.93	16.94
		55990	22.02	20.99	20.01	17.06
		55340	21.95	20.96	20.01	16.92
	100RB (0)	56640	21.95	20.99	19.99	16.90
		55990	21.94	20.92	19.92	16.97
		55340	21.97	20.91	19.95	16.96

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LTE Band48(ANT3 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	14.24	14.54	14.35	14.14
		55990	14.12	14.40	14.34	14.02
		55265	14.31	14.55	14.47	14.16
	1RB-Middle (12)	56715	14.29	14.36	14.51	13.98
		55990	14.17	14.47	14.55	14.08
		55265	14.36	14.41	14.51	14.02
	1RB-Low (0)	56715	14.22	14.52	14.34	14.13
		55990	14.13	14.35	14.35	13.97
		55265	14.32	14.53	14.46	14.14
	12RB-High (13)	56715	14.21	14.27	14.27	13.89
		55990	14.20	14.51	14.52	14.12
		55265	14.41	14.40	14.36	14.02
	12RB-Middle (6)	56715	14.20	14.40	14.31	14.02
		55990	14.19	14.49	14.44	14.10
		55265	14.32	14.34	14.37	13.95
	12RB-Low (0)	56715	14.26	14.28	14.34	13.90
		55990	14.22	14.44	14.45	14.05
		55265	14.36	14.31	14.35	13.92
	25RB (0)	56715	14.24	14.31	14.34	13.92
		55990	14.14	14.47	14.44	14.08
		55265	14.34	14.32	14.31	13.93
10MHz	1RB-High (49)	56690	14.24	14.42	14.50	14.03
		55990	14.18	14.37	14.54	13.99
		55290	14.39	14.56	14.31	14.17
	1RB-Middle (24)	56690	14.26	14.39	14.47	14.01
		55990	14.17	14.38	14.34	14.00
		55290	14.41	14.53	14.56	14.14
	1RB-Low (0)	56690	14.23	14.37	14.45	13.99
		55990	14.14	14.44	14.44	14.05
		55290	14.34	14.34	14.50	13.95
	25RB-High (25)	56690	14.30	14.33	14.34	13.94
		55990	14.24	14.40	14.38	14.02
		55290	14.36	14.39	14.36	14.01
	25RB-Middle (12)	56690	14.35	14.36	14.35	13.98
		55990	14.26	14.40	14.40	14.02
		55290	14.37	14.35	14.35	13.96
	25RB-Low (0)	56690	14.29	14.31	14.33	13.92
		55990	14.22	14.37	14.38	13.99
		55290	14.42	14.36	14.36	13.98
	50RB (0)	56690	14.29	14.34	14.36	13.95
		55990	14.22	14.40	14.36	14.02
		55290	14.34	14.37	14.37	13.99

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15MHz	1RB-High (74)	56665	14.02	14.29	14.31	13.90
		55990	14.00	14.42	14.46	14.03
		55315	14.13	14.44	14.39	14.05
	1RB-Middle (37)	56665	14.07	14.31	14.37	13.92
		55990	13.85	14.41	14.45	14.02
		55315	14.16	14.34	14.39	13.95
	1RB-Low (0)	56665	14.13	14.46	14.32	14.07
		55990	13.91	14.52	14.40	14.13
		55315	14.16	14.44	14.39	14.05
	36RB-High (38)	56665	14.20	14.25	14.26	13.87
		55990	14.14	14.30	14.31	13.91
		55315	14.20	14.27	14.30	13.89
	36RB-Middle (19)	56665	14.20	14.28	14.26	13.90
		55990	14.09	14.32	14.29	13.93
		55315	14.29	14.29	14.28	13.90
	36RB-Low (0)	56665	14.23	14.26	14.31	13.88
		55990	14.22	14.28	14.28	13.90
		55315	14.28	14.21	14.23	13.83
	75RB (0)	56665	14.21	14.28	14.28	13.90
		55990	14.09	14.28	14.34	13.90
		55315	14.31	14.28	14.29	13.90
20MHz	1RB-High (99)	56640	14.06	14.47	14.30	14.08
		55990	13.98	14.54	14.49	14.14
		55340	14.08	14.36	14.51	13.98
	1RB-Middle (50)	56640	14.19	14.40	14.37	14.02
		55990	14.04	14.43	14.54	14.04
		55340	14.33	14.53	14.47	14.14
	1RB-Low (0)	56640	14.06	14.45	14.38	14.06
		55990	14.03	14.47	14.43	14.08
		55340	14.16	14.41	14.20	14.02
	50RB-High (50)	56640	14.03	14.27	14.28	13.89
		55990	13.95	14.31	14.29	13.92
		55340	14.22	14.27	14.29	13.89
	50RB-Middle (25)	56640	14.01	14.28	14.28	13.90
		55990	13.87	14.31	14.34	13.92
		55340	14.09	14.30	14.31	13.91
	50RB-Low (0)	56640	14.00	14.31	14.33	13.92
		55990	13.93	14.31	14.30	13.92
		55340	14.06	14.24	14.24	13.86
	100RB (0)	56640	13.93	14.24	14.27	13.86
		55990	13.88	14.30	14.31	13.91
		55340	13.98	14.28	14.31	13.90

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LTE Band48(ANT0 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	22.35	21.29	20.59	17.40
		55990	22.35	21.21	20.57	17.25
		55265	22.40	21.40	20.89	17.43
	1RB-Middle (12)	56715	22.38	21.29	20.70	17.20
		55990	22.43	21.42	20.75	17.32
		55265	22.55	21.40	20.63	17.26
	1RB-Low (0)	56715	22.31	21.20	20.62	17.39
		55990	22.36	21.28	20.51	17.18
		55265	22.39	21.35	20.52	17.39
	12RB-High (13)	56715	21.47	20.29	19.67	17.09
		55990	21.50	20.36	19.74	17.38
		55265	21.56	20.43	19.81	17.25
	12RB-Middle (6)	56715	21.48	20.31	19.76	17.24
		55990	21.56	20.40	19.69	17.35
		55265	21.60	20.44	19.85	17.17
	12RB-Low (0)	56715	21.49	20.37	19.70	17.10
		55990	21.48	20.29	19.77	17.29
		55265	21.50	20.39	19.72	17.13
	25RB (0)	56715	21.48	20.31	19.70	17.13
		55990	21.49	20.39	19.73	17.32
		55265	21.56	20.42	19.76	17.14
10MHz	1RB-High (49)	56690	22.34	21.40	20.55	17.27
		55990	22.37	21.33	20.65	17.22
		55290	22.43	21.34	20.63	17.43
	1RB-Middle (24)	56690	22.43	21.22	20.53	17.24
		55990	22.46	21.34	20.58	17.23
		55290	22.49	21.30	20.69	17.39
	1RB-Low (0)	56690	22.40	21.34	20.74	17.22
		55990	22.35	21.32	20.67	17.28
		55290	22.42	21.39	20.59	17.17
	25RB-High (25)	56690	21.49	20.35	19.66	17.15
		55990	21.50	20.40	19.79	17.24
		55290	21.61	20.47	19.81	17.24
	25RB-Middle (12)	56690	21.55	20.38	19.73	17.20
		55990	21.53	20.40	19.77	17.24
		55290	21.58	20.46	19.84	17.18
	25RB-Low (0)	56690	21.49	20.36	19.74	17.13
		55990	21.50	20.36	19.70	17.21
		55290	21.57	20.43	19.78	17.20
	50RB (0)	56690	21.49	20.31	19.71	17.17
		55990	21.53	20.37	19.72	17.24
		55290	21.62	20.45	19.81	17.21

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15MHz	1RB-High (74)	56665	22.15	21.08	20.38	17.11
		55990	22.21	21.10	20.40	17.27
		55315	22.27	21.32	20.53	17.29
	1RB-Middle (37)	56665	22.27	21.12	20.47	17.13
		55990	22.24	21.29	20.45	17.26
		55315	22.30	21.40	20.53	17.17
	1RB-Low (0)	56665	22.29	21.25	20.52	17.31
		55990	22.23	21.18	20.39	17.39
		55315	22.30	21.15	20.48	17.28
	36RB-High (38)	56665	21.39	20.23	19.59	17.07
		55990	21.39	20.24	19.61	17.12
		55315	21.53	20.35	19.73	17.09
	36RB-Middle (19)	56665	21.40	20.24	19.63	17.10
		55990	21.42	20.24	19.60	17.14
		55315	21.49	20.33	19.68	17.11
	36RB-Low (0)	56665	21.42	20.23	19.62	17.08
		55990	21.42	20.24	19.65	17.10
		55315	21.44	20.27	19.69	17.02
	75RB (0)	56665	21.37	20.25	19.64	17.09
		55990	21.43	20.27	19.60	17.09
		55315	21.49	20.34	19.68	17.10
20MHz	1RB-High (99)	56640	22.47	21.44	20.35	17.32
		55990	22.78	21.47	20.56	17.40
		55340	22.40	21.28	20.35	17.20
	1RB-Middle (50)	56640	22.36	21.38	20.53	17.24
		55990	22.53	21.56	20.56	17.28
		55340	22.38	21.40	20.45	17.39
	1RB-Low (0)	56640	22.51	21.40	20.49	17.30
		55990	22.57	21.46	20.53	17.34
		55340	22.28	21.30	20.42	17.26
	50RB-High (50)	56640	21.53	20.55	19.58	17.09
		55990	21.58	20.59	19.55	17.13
		55340	21.55	20.58	19.52	17.09
	50RB-Middle (25)	56640	21.56	20.57	19.52	17.09
		55990	21.56	20.60	19.57	17.13
		55340	21.53	20.57	19.54	17.12
	50RB-Low (0)	56640	21.55	20.56	19.52	17.13
		55990	21.51	20.53	19.53	17.13
		55340	21.54	20.50	19.52	17.05
	100RB (0)	56640	21.52	20.55	19.56	17.05
		55990	21.57	20.57	19.56	17.12
		55340	21.50	20.51	19.54	17.09

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LTE Band48(ANT0 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	16.16	16.14	16.34	16.23
		55990	16.32	16.00	16.32	16.09
		55265	16.20	16.17	16.47	16.26
	1RB-Middle (12)	56715	16.22	15.95	16.51	16.04
		55990	16.36	16.07	16.57	16.16
		55265	16.32	16.01	16.51	16.10
	1RB-Low (0)	56715	16.17	16.12	16.33	16.22
		55990	16.26	15.94	16.35	16.03
		55265	16.17	16.13	16.46	16.22
	12RB-High (13)	56715	16.30	15.85	16.25	15.94
		55990	16.41	16.12	16.53	16.21
		55265	16.32	16.00	16.35	16.09
	12RB-Middle (6)	56715	16.32	15.99	16.29	16.08
		55990	16.42	16.09	16.44	16.18
		55265	16.31	15.93	16.36	16.02
	12RB-Low (0)	56715	16.31	15.86	16.32	15.95
		55990	16.41	16.04	16.46	16.13
		55265	16.28	15.89	16.34	15.98
	25RB (0)	56715	16.26	15.90	16.33	15.98
		55990	16.41	16.07	16.45	16.16
		55265	16.26	15.90	16.30	15.99
10MHz	1RB-High (49)	56690	16.17	16.02	16.51	16.11
		55990	16.27	15.97	16.56	16.06
		55290	16.24	16.17	16.30	16.26
	1RB-Middle (24)	56690	16.21	15.99	16.47	16.08
		55990	16.33	15.98	16.33	16.07
		55290	16.27	16.13	16.58	16.22
	1RB-Low (0)	56690	16.19	15.97	16.46	16.06
		55990	16.31	16.03	16.45	16.12
		55290	16.24	15.93	16.51	16.02
	25RB-High (25)	56690	16.31	15.91	16.33	16.00
		55990	16.38	15.99	16.38	16.08
		55290	16.34	15.99	16.35	16.08
	25RB-Middle (12)	56690	16.30	15.95	16.34	16.04
		55990	16.40	15.99	16.41	16.08
		55290	16.31	15.94	16.35	16.03
	25RB-Low (0)	56690	16.31	15.89	16.31	15.98
		55990	16.39	15.96	16.38	16.05
		55290	16.32	15.95	16.35	16.04
	50RB (0)	56690	16.29	15.93	16.35	16.02
		55990	16.37	15.99	16.35	16.08
		55290	16.32	15.96	16.36	16.05

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15MHz	1RB-High (74)	56665	16.02	15.87	16.29	15.96
		55990	16.11	16.02	16.46	16.11
		55315	16.07	16.04	16.39	16.13
	1RB-Middle (37)	56665	16.05	15.89	16.37	15.98
		55990	16.16	16.01	16.46	16.10
		55315	16.06	15.93	16.39	16.02
	1RB-Low (0)	56665	16.03	16.06	16.30	16.15
		55990	16.15	16.12	16.41	16.22
		55315	16.07	16.03	16.39	16.12
	36RB-High (38)	56665	16.21	15.83	16.24	15.92
		55990	16.27	15.88	16.30	15.97
		55315	16.23	15.85	16.28	15.94
	36RB-Middle (19)	56665	16.22	15.86	16.24	15.95
		55990	16.25	15.90	16.27	15.99
		55315	16.20	15.87	16.25	15.96
	36RB-Low (0)	56665	16.23	15.84	16.29	15.93
		55990	16.26	15.86	16.26	15.95
		55315	16.14	15.79	16.20	15.88
	75RB (0)	56665	16.21	15.85	16.25	15.94
		55990	16.22	15.85	16.32	15.94
		55315	16.23	15.86	16.27	15.95
20MHz	1RB-High (99)	56640	16.34	16.01	16.14	16.16
		55990	16.19	16.06	16.20	16.23
		55340	16.09	16.05	16.24	16.04
	1RB-Middle (50)	56640	16.00	16.16	15.94	16.08
		55990	16.32	16.34	16.06	16.12
		55340	16.11	16.02	16.13	16.22
	1RB-Low (0)	56640	16.15	16.15	16.17	16.14
		55990	16.38	16.22	16.33	16.17
		55340	16.08	16.01	16.17	16.10
	50RB-High (50)	56640	16.23	16.25	16.26	15.94
		55990	16.24	16.27	16.29	15.98
		55340	16.24	16.20	16.23	15.94
	50RB-Middle (25)	56640	16.23	16.22	16.24	15.94
		55990	16.25	16.27	16.30	15.98
		55340	16.19	16.18	16.23	15.97
	50RB-Low (0)	56640	16.25	16.23	16.26	15.98
		55990	16.26	16.21	16.28	15.98
		55340	16.19	16.21	16.21	15.90
	100RB (0)	56640	16.22	16.26	16.25	15.90
		55990	16.26	16.28	16.27	15.97
		55340	16.18	16.21	16.23	15.94

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LTE Band48(ANT7 DSI 1/2/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	20.28	19.32	18.68	15.79
		55990	20.28	19.25	18.67	15.65
		55265	20.33	19.42	18.96	15.82
	1RB-Middle (12)	56715	20.31	19.32	18.78	15.61
		55990	20.35	19.44	18.83	15.72
		55265	20.46	19.42	18.72	15.66
	1RB-Low (0)	56715	20.24	19.24	18.71	15.78
		55990	20.29	19.31	18.61	15.59
		55265	20.32	19.37	18.62	15.78
	12RB-High (13)	56715	19.48	18.41	17.85	15.51
		55990	19.51	18.48	17.91	15.77
		55265	19.56	18.54	17.98	15.65
	12RB-Middle (6)	56715	19.49	18.43	17.93	15.64
		55990	19.56	18.51	17.87	15.74
		55265	19.60	18.55	18.01	15.58
	12RB-Low (0)	56715	19.50	18.48	17.88	15.52
		55990	19.49	18.41	17.94	15.69
		55265	19.51	18.50	17.89	15.54
	25RB (0)	56715	19.49	18.43	17.88	15.54
		55990	19.50	18.50	17.90	15.72
		55265	19.56	18.53	17.93	15.55
10MHz	1RB-High (49)	56690	20.27	19.42	18.65	15.67
		55990	20.30	19.36	18.74	15.63
		55290	20.35	19.36	18.72	15.82
	1RB-Middle (24)	56690	20.35	19.26	18.63	15.64
		55990	20.38	19.36	18.67	15.63
		55290	20.41	19.33	18.77	15.78
	1RB-Low (0)	56690	20.33	19.36	18.82	15.63
		55990	20.28	19.35	18.76	15.68
		55290	20.34	19.41	18.68	15.58
	25RB-High (25)	56690	19.50	18.47	17.84	15.56
		55990	19.51	18.51	17.96	15.64
		55290	19.61	18.57	17.98	15.64
	25RB-Middle (12)	56690	19.55	18.49	17.90	15.61
		55990	19.54	18.51	17.94	15.64
		55290	19.58	18.57	18.00	15.59
	25RB-Low (0)	56690	19.50	18.48	17.91	15.54
		55990	19.51	18.48	17.88	15.62
		55290	19.57	18.54	17.95	15.61
	50RB (0)	56690	19.50	18.43	17.89	15.58
		55990	19.54	18.48	17.89	15.64
		55290	19.62	18.56	17.98	15.62

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15MHz	1RB-High (74)	56665	20.10	19.13	18.49	15.53
		55990	20.15	19.15	18.51	15.67
		55315	20.21	19.35	18.63	15.69
	1RB-Middle (37)	56665	20.21	19.16	18.57	15.54
		55990	20.18	19.32	18.56	15.66
		55315	20.24	19.42	18.63	15.58
	1RB-Low (0)	56665	20.23	19.28	18.62	15.71
		55990	20.17	19.22	18.50	15.78
		55315	20.24	19.19	18.58	15.68
	36RB-High (38)	56665	19.41	18.36	17.78	15.49
		55990	19.41	18.37	17.79	15.54
		55315	19.54	18.47	17.90	15.51
	36RB-Middle (19)	56665	19.42	18.37	17.81	15.52
		55990	19.44	18.37	17.79	15.55
		55315	19.50	18.45	17.86	15.53
	36RB-Low (0)	56665	19.44	18.36	17.80	15.50
		55990	19.44	18.37	17.83	15.52
		55315	19.46	18.39	17.87	15.44
	75RB (0)	56665	19.39	18.38	17.82	15.51
		55990	19.45	18.39	17.79	15.51
		55315	19.50	18.46	17.86	15.52
20MHz	1RB-High (99)	56640	20.39	19.46	18.47	15.72
		55990	20.47	19.48	18.66	15.79
		55340	20.33	19.31	18.47	15.61
	1RB-Middle (50)	56640	20.29	19.40	18.63	15.64
		55990	20.02	19.56	18.66	15.68
		55340	20.54	19.42	18.56	15.78
	1RB-Low (0)	56640	20.43	19.42	18.59	15.70
		55990	20.48	19.47	18.63	15.73
		55340	20.22	19.33	18.53	15.66
	50RB-High (50)	56640	19.54	18.65	17.77	15.51
		55990	19.58	18.68	17.74	15.54
		55340	19.55	18.67	17.71	15.51
	50RB-Middle (25)	56640	19.56	18.67	17.71	15.51
		55990	19.56	18.69	17.76	15.54
		55340	19.72	18.67	17.73	15.54
	50RB-Low (0)	56640	19.55	18.66	17.71	15.54
		55990	19.52	18.63	17.72	15.54
		55340	19.55	18.60	17.71	15.47
	100RB (0)	56640	19.53	18.65	17.75	15.47
		55990	19.57	18.67	17.75	15.54
		55340	19.67	18.61	17.73	15.51

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LTE Band48(ANT7 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	9.49	9.58	9.58	9.40
		55990	9.63	9.80	9.89	9.54
		55265	9.63	9.89	9.79	9.54
	1RB-Middle (12)	56715	9.54	9.72	9.62	9.46
		55990	9.66	9.84	9.77	9.57
		55265	9.71	9.92	9.81	9.62
	1RB-Low (0)	56715	9.44	9.64	9.56	9.35
		55990	9.63	9.80	9.79	9.54
		55265	9.64	9.86	9.72	9.55
	12RB-High (13)	56715	9.53	9.64	9.64	9.44
		55990	9.69	9.86	9.76	9.59
		55265	9.70	9.83	9.81	9.61
	12RB-Middle (6)	56715	9.53	9.67	9.68	9.44
		55990	9.69	9.89	9.86	9.59
		55265	9.72	9.87	9.92	9.63
	12RB-Low (0)	56715	9.52	9.74	9.68	9.43
		55990	9.68	9.83	9.76	9.59
		55265	9.68	9.79	9.83	9.59
	25RB (0)	56715	9.52	9.70	9.66	9.43
		55990	9.70	9.89	9.87	9.61
		55265	9.70	9.89	9.91	9.61
10MHz	1RB-High (49)	56690	9.49	9.71	9.55	9.40
		55990	9.66	9.82	9.70	9.57
		55290	9.66	9.83	9.74	9.56
	1RB-Middle (24)	56690	9.56	9.72	9.71	9.47
		55990	9.71	9.85	9.93	9.62
		55290	9.68	9.89	9.87	9.59
	1RB-Low (0)	56690	9.53	9.73	9.56	9.44
		55990	9.62	9.85	9.81	9.53
		55290	9.68	9.90	9.76	9.59
	25RB-High (25)	56690	9.53	9.67	9.70	9.44
		55990	9.64	9.80	9.83	9.55
		55290	9.72	9.92	9.90	9.62
	25RB-Middle (12)	56690	9.53	9.71	9.73	9.44
		55990	9.72	9.85	9.89	9.62
		55290	9.72	9.91	9.90	9.62
	25RB-Low (0)	56690	9.54	9.70	9.70	9.46
		55990	9.62	9.86	9.78	9.53
		55290	9.69	9.89	9.88	9.59
	50RB (0)	56690	9.52	9.72	9.72	9.43
		55990	9.66	9.81	9.81	9.57
		55290	9.72	9.88	9.87	9.63

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15MHz	1RB-High (74)	56665	9.39	9.56	9.51	9.30
		55990	9.50	9.58	9.53	9.41
		55315	9.51	9.75	9.77	9.42
	1RB-Middle (37)	56665	9.40	9.56	9.55	9.32
		55990	9.55	9.77	9.77	9.46
		55315	9.53	9.70	9.78	9.44
	1RB-Low (0)	56665	9.39	9.58	9.61	9.31
		55990	9.57	9.73	9.61	9.48
		55315	9.59	9.74	9.80	9.50
	36RB-High (38)	56665	9.45	9.64	9.60	9.36
		55990	9.54	9.75	9.74	9.46
		55315	9.64	9.81	9.79	9.55
	36RB-Middle (19)	56665	9.42	9.63	9.61	9.33
		55990	9.56	9.73	9.73	9.47
		55315	9.60	9.83	9.78	9.51
	36RB-Low (0)	56665	9.45	9.66	9.64	9.36
		55990	9.55	9.70	9.70	9.46
		55315	9.60	9.80	9.77	9.51
	75RB (0)	56665	9.45	9.66	9.62	9.37
		55990	9.57	9.71	9.72	9.48
		55315	9.60	9.82	9.79	9.51
20MHz	1RB-High (99)	56640	9.35	9.56	9.40	9.26
		55990	9.09	9.77	9.70	9.48
		55340	9.65	9.77	9.56	9.42
	1RB-Middle (50)	56640	9.44	9.51	9.60	9.33
		55990	9.07	9.86	9.79	9.46
		55340	9.75	9.96	9.76	9.48
	1RB-Low (0)	56640	9.47	9.67	9.55	9.35
		55990	9.08	9.65	9.75	9.51
		55340	9.74	9.79	9.61	9.43
	50RB-High (50)	56640	9.55	9.67	9.61	9.35
		55990	9.18	9.75	9.73	9.51
		55340	9.83	9.80	9.81	9.51
	50RB-Middle (25)	56640	9.55	9.65	9.66	9.39
		55990	9.28	9.75	9.74	9.46
		55340	9.86	9.83	9.84	9.54
	50RB-Low (0)	56640	9.52	9.69	9.66	9.41
		55990	9.23	9.73	9.70	9.48
		55340	9.92	9.81	9.80	9.53
	100RB (0)	56640	9.49	9.65	9.64	9.39
		55990	9.19	9.73	9.76	9.48
		55340	9.81	9.81	9.78	9.54

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LTE Band48(ANT7 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	19.04	18.73	18.29	15.45
		55990	19.31	19.17	18.46	15.59
		55265	19.33	19.33	18.63	15.74
	1RB-Middle (12)	56715	19.15	19.00	18.36	15.51
		55990	19.39	19.24	18.58	15.69
		55265	19.48	19.40	18.58	15.69
	1RB-Low (0)	56715	18.94	18.84	18.33	15.47
		55990	19.31	19.15	18.54	15.66
		55265	19.34	19.27	18.38	15.52
	12RB-High (13)	56715	19.12	18.35	17.52	15.47
		55990	19.43	18.77	17.69	15.62
		55265	19.46	18.71	17.75	15.66
	12RB-Middle (6)	56715	19.12	18.41	17.63	15.56
		55990	19.43	18.83	17.74	15.66
		55265	19.51	18.80	17.80	15.70
	12RB-Low (0)	56715	19.10	18.55	17.52	15.47
		55990	19.42	18.72	17.75	15.66
		55265	19.42	18.64	17.67	15.59
	25RB (0)	56715	19.10	18.47	17.54	15.48
		55990	19.46	18.83	17.77	15.68
		55265	19.46	18.84	17.73	15.64
10MHz	1RB-High (49)	56690	19.04	18.99	18.33	15.47
		55990	19.39	19.20	18.54	15.65
		55290	19.37	19.21	18.56	15.68
	1RB-Middle (24)	56690	19.18	19.00	18.41	15.55
		55990	19.48	19.25	18.55	15.67
		55290	19.42	19.33	18.48	15.60
	1RB-Low (0)	56690	19.12	19.03	18.31	15.47
		55990	19.30	19.25	18.51	15.63
		55290	19.42	19.36	18.59	15.70
	25RB-High (25)	56690	19.12	18.41	17.58	15.53
		55990	19.34	18.67	17.68	15.61
		55290	19.49	18.90	17.78	15.68
	25RB-Middle (12)	56690	19.12	18.49	17.58	15.53
		55990	19.49	18.75	17.72	15.63
		55290	19.49	18.87	17.77	15.68
	25RB-Low (0)	56690	19.15	18.46	17.61	15.54
		55990	19.30	18.77	17.67	15.59
		55290	19.43	18.84	17.74	15.66
	50RB (0)	56690	19.10	18.50	17.60	15.53
		55990	19.39	18.68	17.67	15.59
		55290	19.51	18.81	17.78	15.69

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15MHz	1RB-High (74)	56665	18.83	18.69	18.15	15.33
		55990	19.06	18.73	18.41	15.55
		55315	19.07	19.06	18.33	15.47
	1RB-Middle (37)	56665	18.86	18.69	18.33	15.47
		55990	19.16	19.11	18.50	15.63
		55315	19.12	18.96	18.34	15.48
	1RB-Low (0)	56665	18.85	18.72	18.29	15.44
		55990	19.19	19.02	18.39	15.53
		55315	19.24	19.05	18.33	15.47
	36RB-High (38)	56665	18.95	18.34	17.48	15.44
		55990	19.15	18.56	17.61	15.54
		55315	19.34	18.68	17.68	15.61
	36RB-Middle (19)	56665	18.89	18.32	17.50	15.45
		55990	19.18	18.53	17.60	15.53
		55315	19.25	18.71	17.66	15.58
	36RB-Low (0)	56665	18.95	18.38	17.48	15.44
		55990	19.16	18.46	17.56	15.50
		55315	19.25	18.67	17.56	15.50
	75RB (0)	56665	18.97	18.38	17.49	15.44
		55990	19.21	18.49	17.60	15.53
		55315	19.27	18.70	17.68	15.61
20MHz	1RB-High (99)	56640	18.76	18.69	18.16	15.34
		55990	18.35	19.09	18.35	15.50
		55340	18.91	19.09	18.23	15.39
	1RB-Middle (50)	56640	18.89	18.60	18.19	15.37
		55990	18.72	19.28	18.38	15.52
		55340	19.31	19.46	18.59	15.69
	1RB-Low (0)	56640	18.76	18.90	18.20	15.37
		55990	18.34	18.87	18.29	15.45
		55340	18.99	19.14	18.29	15.45
	50RB-High (50)	56640	18.85	18.40	17.54	15.48
		55990	18.47	18.56	17.68	15.60
		55340	19.08	18.67	17.66	15.58
	50RB-Middle (25)	56640	18.94	18.37	17.49	15.44
		55990	18.63	18.56	17.61	15.54
		55340	19.22	18.72	17.68	15.61
	50RB-Low (0)	56640	18.85	18.44	17.52	15.47
		55990	18.51	18.52	17.58	15.53
		55340	19.17	18.68	17.67	15.59
	100RB (0)	56640	18.84	18.37	17.51	15.46
		55990	18.47	18.53	17.59	15.53
		55340	19.17	18.68	17.65	15.58

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LTE Band66(ANT2 DSI 1/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	22.85	23.21	22.69	19.83
		1745 (132322)	22.73	23.15	22.73	19.86
		1710.7 (131979)	22.71	22.77	22.82	19.94
	1RB-Middle (3)	1779.3 (132665)	22.87	23.16	22.61	19.76
		1745 (132322)	22.88	22.88	22.72	19.85
		1710.7 (131979)	22.72	22.88	22.69	19.83
	1RB-Low (0)	1779.3 (132665)	22.56	23.11	22.71	19.84
		1745 (132322)	22.76	23.11	22.76	19.89
		1710.7 (131979)	22.65	22.76	22.72	19.85
	3RB-High (3)	1779.3 (132665)	22.92	22.95	22.64	19.78
		1745 (132322)	22.93	23.08	22.58	19.73
		1710.7 (131979)	22.72	22.85	22.69	19.83
	3RB-Middle (1)	1779.3 (132665)	22.85	23.03	22.72	19.85
		1745 (132322)	22.97	22.94	22.73	19.86
		1710.7 (131979)	22.83	22.85	22.68	19.82
	3RB-Low (0)	1779.3 (132665)	22.90	23.02	22.65	19.79
		1745 (132322)	22.86	23.01	22.58	19.73
		1710.7 (131979)	22.71	22.83	22.66	19.80
	6RB (0)	1779.3 (132665)	22.87	22.96	21.61	19.83
		1745 (132322)	22.86	22.93	21.64	19.86
		1710.7 (131979)	22.74	22.87	21.66	19.87
3MHz	1RB-High (14)	1778.5 (132657)	22.74	23.13	22.64	19.78
		1745 (132322)	22.83	23.05	22.56	19.71
		1711.5 (131987)	22.63	22.64	22.73	19.86
	1RB-Middle (7)	1778.5 (132657)	22.89	23.04	22.95	20.06
		1745 (132322)	22.79	22.89	22.85	19.96
		1711.5 (131987)	22.84	22.95	22.87	19.98
	1RB-Low (0)	1778.5 (132657)	22.85	23.25	22.70	19.84
		1745 (132322)	22.76	22.86	22.60	19.75
		1711.5 (131987)	22.61	22.78	22.51	19.64
	8RB-High (7)	1778.5 (132657)	22.89	22.98	21.71	19.92
		1745 (132322)	22.92	22.84	21.57	19.79
		1711.5 (131987)	22.79	22.78	21.67	19.88
	8RB-Middle (4)	1778.5 (132657)	22.90	22.94	21.75	19.96
		1745 (132322)	22.94	22.98	21.62	19.84
		1711.5 (131987)	22.83	22.87	21.53	19.76
	8RB-Low (0)	1778.5 (132657)	22.86	22.92	21.69	19.90
		1745 (132322)	22.89	22.87	21.62	19.84
		1711.5 (131987)	22.77	22.83	21.57	19.79
	15RB (0)	1778.5 (132657)	22.88	22.90	21.60	19.82
		1745 (132322)	22.81	22.82	21.52	19.75
		1711.5 (131987)	22.76	22.77	21.63	19.85

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5MHz	1RB-High (24)	1777.5 (132647)	22.95	23.16	22.68	19.82
		1745 (132322)	22.86	22.90	22.64	19.78
		1712.5 (131997)	22.72	23.00	22.71	19.84
	1RB-Middle (12)	1777.5 (132647)	22.96	23.00	22.88	19.99
		1745 (132322)	22.93	23.13	22.87	19.98
		1712.5 (131997)	23.08	22.83	22.77	19.90
	1RB-Low (0)	1777.5 (132647)	22.94	22.98	22.71	19.84
		1745 (132322)	22.79	22.80	22.65	19.79
		1712.5 (131997)	22.59	22.73	22.71	19.84
	12RB-High (13)	1777.5 (132647)	22.98	23.01	21.67	19.88
		1745 (132322)	22.87	22.98	21.63	19.85
		1712.5 (131997)	22.83	22.87	21.69	19.90
	12RB-Middle (6)	1777.5 (132647)	22.95	23.05	21.83	20.03
		1745 (132322)	22.84	22.90	21.58	19.80
		1712.5 (131997)	22.78	22.83	21.68	19.89
	12RB-Low (0)	1777.5 (132647)	22.90	22.94	21.59	19.81
		1745 (132322)	22.81	22.90	21.51	19.74
		1712.5 (131997)	22.84	22.86	21.66	19.87
	25RB (0)	1777.5 (132647)	22.98	23.00	21.70	19.91
		1745 (132322)	22.82	22.78	21.59	19.81
		1712.5 (131997)	22.81	22.86	21.61	19.83
10MHz	1RB-High (49)	1775 (132622)	22.93	23.16	22.63	19.78
		1745 (132322)	22.84	23.22	22.94	20.05
		1715 (132022)	22.74	22.72	22.83	19.95
	1RB-Middle (24)	1775 (132622)	22.97	22.87	22.79	19.91
		1745 (132322)	22.89	23.21	22.73	19.86
		1715 (132022)	22.76	22.93	22.80	19.92
	1RB-Low (0)	1775 (132622)	22.86	23.12	22.67	19.81
		1745 (132322)	22.76	22.89	22.71	19.84
		1715 (132022)	22.70	22.67	22.68	19.82
	25RB-High (25)	1775 (132622)	22.99	23.06	21.64	19.86
		1745 (132322)	22.89	22.95	21.60	19.82
		1715 (132022)	22.83	22.80	21.63	19.85
	25RB-Middle (12)	1775 (132622)	22.90	22.92	21.74	19.95
		1745 (132322)	22.82	22.84	21.57	19.79
		1715 (132022)	22.87	22.88	21.63	19.85
	25RB-Low (0)	1775 (132622)	22.89	22.96	21.62	19.84
		1745 (132322)	22.84	22.84	21.55	19.77
		1715 (132022)	22.82	22.76	21.47	19.70
	50RB (0)	1775 (132622)	22.90	22.88	21.71	19.92
		1745 (132322)	22.84	22.80	21.58	19.80
		1715 (132022)	22.83	22.84	21.64	19.86

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15MHz	1RB-High (74)	1772.5 (132597)	22.96	22.95	22.48	19.64
		1745 (132322)	22.86	23.15	22.54	19.70
		1717.5 (132047)	22.57	22.52	22.85	19.96
	1RB-Middle (37)	1772.5 (132597)	22.85	22.86	22.62	19.77
		1745 (132322)	22.87	23.03	22.53	19.68
		1717.5 (132047)	22.69	22.77	22.51	19.66
	1RB-Low (0)	1772.5 (132597)	22.85	22.78	22.48	19.64
		1745 (132322)	22.63	23.23	22.52	19.67
		1717.5 (132047)	22.56	22.85	22.65	19.79
	36RB-High (38)	1772.5 (132597)	22.86	22.80	21.59	19.81
		1745 (132322)	22.81	22.79	21.47	19.70
		1717.5 (132047)	22.69	22.71	21.58	19.80
	36RB-Middle (19)	1772.5 (132597)	22.79	22.76	21.51	19.74
		1745 (132322)	22.68	22.79	21.48	19.71
		1717.5 (132047)	22.66	22.75	21.53	19.76
	36RB-Low (0)	1772.5 (132597)	22.73	22.76	21.54	19.77
		1745 (132322)	22.70	22.79	21.45	19.67
		1717.5 (132047)	22.64	22.66	21.46	19.68
	75RB (0)	1772.5 (132597)	22.82	22.87	21.64	19.86
		1745 (132322)	22.78	22.75	21.43	19.66
		1717.5 (132047)	22.70	22.74	21.50	19.73
20MHz	1RB-High (99)	1770 (132572)	22.78	23.00	22.52	19.67
		1745 (132322)	22.72	22.92	22.86	19.97
		1720 (132072)	22.80	22.59	22.63	19.78
	1RB-Middle (50)	1770 (132572)	22.75	22.86	22.70	19.84
		1745 (132322)	22.64	22.84	22.52	19.67
		1720 (132072)	22.81	22.63	22.80	19.92
	1RB-Low (0)	1770 (132572)	22.77	22.78	22.72	19.85
		1745 (132322)	22.61	22.75	22.76	19.89
		1720 (132072)	22.62	22.70	22.81	19.93
	50RB-High (50)	1770 (132572)	22.86	22.84	21.50	19.73
		1745 (132322)	22.71	22.80	21.59	19.81
		1720 (132072)	22.67	22.84	21.48	19.71
	50RB-Middle (25)	1770 (132572)	22.88	22.92	21.60	19.82
		1745 (132322)	22.79	22.70	21.43	19.66
		1720 (132072)	22.73	22.72	21.55	19.77
	50RB-Low (0)	1770 (132572)	22.73	22.82	21.36	19.59
		1745 (132322)	22.78	22.78	21.33	19.57
		1720 (132072)	22.56	22.62	21.49	19.72
	100RB (0)	1770 (132572)	22.79	22.90	21.57	19.79
		1745 (132322)	22.78	22.69	21.45	19.67
		1720 (132072)	22.74	22.81	21.45	19.67

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LTE Band66(ANT2 DSI 2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	21.44	21.97	21.81	19.81
		1745 (132322)	21.31	21.74	21.59	19.61
		1710.7 (131979)	21.39	21.80	21.64	19.65
	1RB-Middle (3)	1779.3 (132665)	21.51	21.98	21.83	19.82
		1745 (132322)	21.41	22.02	21.86	19.86
		1710.7 (131979)	21.59	21.71	21.55	19.57
	1RB-Low (0)	1779.3 (132665)	21.35	21.99	21.84	19.83
		1745 (132322)	21.42	21.90	21.75	19.75
		1710.7 (131979)	21.33	21.76	21.60	19.62
	3RB-High (3)	1779.3 (132665)	21.41	21.68	21.53	19.55
		1745 (132322)	21.48	21.64	21.49	19.51
		1710.7 (131979)	21.56	21.60	21.45	19.48
	3RB-Middle (1)	1779.3 (132665)	21.41	21.53	21.38	19.42
		1745 (132322)	21.46	21.47	21.32	19.36
		1710.7 (131979)	21.46	21.55	21.39	19.43
	3RB-Low (0)	1779.3 (132665)	21.42	21.52	21.37	19.40
		1745 (132322)	21.42	21.55	21.39	19.43
		1710.7 (131979)	21.48	21.28	21.13	19.19
	6RB (0)	1779.3 (132665)	21.47	21.67	21.51	19.54
		1745 (132322)	21.41	21.51	21.36	19.39
		1710.7 (131979)	21.42	21.42	21.26	19.31
3MHz	1RB-High (14)	1778.5 (132657)	21.43	21.88	21.72	19.73
		1745 (132322)	21.41	21.93	21.77	19.77
		1711.5 (131987)	21.34	21.90	21.75	19.75
	1RB-Middle (7)	1778.5 (132657)	21.41	22.06	21.90	19.89
		1745 (132322)	21.48	21.93	21.79	19.90
		1711.5 (131987)	21.44	21.86	21.71	19.71
	1RB-Low (0)	1778.5 (132657)	21.42	22.02	21.86	19.86
		1745 (132322)	21.44	21.69	21.54	19.56
		1711.5 (131987)	21.37	21.86	21.71	19.71
	8RB-High (7)	1778.5 (132657)	21.56	21.60	21.45	19.48
		1745 (132322)	21.51	21.63	21.47	19.50
		1711.5 (131987)	21.47	21.57	21.42	19.45
	8RB-Middle (4)	1778.5 (132657)	21.46	21.48	21.33	19.37
		1745 (132322)	21.57	21.59	21.43	19.46
		1711.5 (131987)	21.57	21.52	21.37	19.40
	8RB-Low (0)	1778.5 (132657)	21.42	21.40	21.25	19.30
		1745 (132322)	21.35	21.48	21.33	19.37
		1711.5 (131987)	21.46	21.51	21.36	19.39
	15RB (0)	1778.5 (132657)	21.47	21.44	21.29	19.33
		1745 (132322)	21.43	21.35	21.20	19.25
		1711.5 (131987)	21.41	21.43	21.28	19.32

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5MHz	1RB-High (24)	1777.5 (132647)	21.54	21.86	21.71	19.71
		1745 (132322)	21.44	21.72	21.56	19.58
		1712.5 (131997)	21.46	21.88	21.72	19.73
	1RB-Middle (12)	1777.5 (132647)	21.44	21.98	21.83	19.82
		1745 (132322)	21.41	21.94	21.79	19.80
		1712.5 (131997)	21.42	21.88	21.72	19.73
	1RB-Low (0)	1777.5 (132647)	21.41	21.88	21.72	19.73
		1745 (132322)	21.38	21.82	21.67	19.68
		1712.5 (131997)	21.43	21.81	21.66	19.67
	12RB-High (13)	1777.5 (132647)	21.59	21.51	21.36	19.39
		1745 (132322)	21.55	21.47	21.32	19.36
		1712.5 (131997)	21.46	21.51	21.36	19.39
	12RB-Middle (6)	1777.5 (132647)	21.51	21.44	21.29	19.33
		1745 (132322)	21.52	21.43	21.28	19.32
		1712.5 (131997)	21.52	21.42	21.26	19.31
	12RB-Low (0)	1777.5 (132647)	21.41	21.47	21.32	19.36
		1745 (132322)	21.44	21.43	21.28	19.32
		1712.5 (131997)	21.52	21.42	21.26	19.31
	25RB (0)	1777.5 (132647)	21.57	21.42	21.26	19.31
		1745 (132322)	21.42	21.34	21.19	19.24
		1712.5 (131997)	21.50	21.46	21.30	19.35
10MHz	1RB-High (49)	1775 (132622)	21.59	21.74	21.59	19.61
		1745 (132322)	21.41	21.84	21.68	19.93
		1715 (132022)	21.44	21.98	21.83	19.82
	1RB-Middle (24)	1775 (132622)	21.56	21.78	21.63	19.64
		1745 (132322)	21.60	21.99	21.84	19.83
		1715 (132022)	21.51	21.89	21.73	19.74
	1RB-Low (0)	1775 (132622)	21.51	21.92	21.76	19.76
		1745 (132322)	21.41	21.94	21.79	19.78
		1715 (132022)	21.44	21.82	21.67	19.68
	25RB-High (25)	1775 (132622)	21.55	21.47	21.32	19.36
		1745 (132322)	21.60	21.60	21.45	19.48
		1715 (132022)	21.56	21.47	21.32	19.36
	25RB-Middle (12)	1775 (132622)	21.56	21.48	21.33	19.37
		1745 (132322)	21.56	21.43	21.28	19.32
		1715 (132022)	21.56	21.52	21.37	19.40
	25RB-Low (0)	1775 (132622)	21.57	21.42	21.26	19.31
		1745 (132322)	21.51	21.50	21.34	19.38
		1715 (132022)	21.42	21.34	21.19	19.24
	50RB (0)	1775 (132622)	21.56	21.44	21.29	19.33
		1745 (132322)	21.50	21.42	21.26	19.31
		1715 (132022)	21.56	21.50	21.34	19.38

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15MHz	1RB-High (74)	1772.5 (132597)	21.60	21.94	21.67	19.68
		1745 (132322)	21.39	21.78	21.63	19.64
		1717.5 (132047)	21.38	21.81	21.66	19.67
	1RB-Middle (37)	1772.5 (132597)	21.33	21.88	21.72	19.73
		1745 (132322)	21.34	21.65	21.50	19.52
		1717.5 (132047)	21.37	22.02	21.86	19.86
	1RB-Low (0)	1772.5 (132597)	21.37	21.63	21.47	19.50
		1745 (132322)	21.29	21.72	21.56	19.58
		1717.5 (132047)	21.20	21.44	21.29	19.33
	36RB-High (38)	1772.5 (132597)	21.52	21.51	21.36	19.39
		1745 (132322)	21.57	21.43	21.28	19.32
		1717.5 (132047)	21.54	21.31	21.16	19.21
	36RB-Middle (19)	1772.5 (132597)	21.43	21.28	21.13	19.19
		1745 (132322)	21.39	21.30	21.15	19.20
		1717.5 (132047)	21.51	21.40	21.25	19.30
	36RB-Low (0)	1772.5 (132597)	21.44	21.42	21.26	19.31
		1745 (132322)	21.50	21.42	21.26	19.31
		1717.5 (132047)	21.38	21.27	21.12	19.18
	75RB (0)	1772.5 (132597)	21.52	21.46	21.30	19.35
		1745 (132322)	21.54	21.35	21.20	19.25
		1717.5 (132047)	21.55	21.39	21.24	19.29
20MHz	1RB-High (99)	1770 (132572)	21.52	21.86	21.51	19.54
		1745 (132322)	21.65	21.93	21.68	19.69
		1720 (132072)	21.63	21.72	21.60	19.62
	1RB-Middle (50)	1770 (132572)	21.58	21.94	21.54	19.56
		1745 (132322)	21.64	21.94	21.85	19.84
		1720 (132072)	21.41	21.93	21.76	19.82
	1RB-Low (0)	1770 (132572)	21.68	21.92	21.80	19.83
		1745 (132322)	21.52	21.77	21.86	19.74
		1720 (132072)	21.47	21.85	21.77	19.77
	50RB-High (50)	1770 (132572)	21.69	21.65	21.47	19.50
		1745 (132322)	21.69	21.70	21.39	19.43
		1720 (132072)	21.62	21.66	21.36	19.39
	50RB-Middle (25)	1770 (132572)	21.77	21.74	21.54	19.56
		1745 (132322)	21.63	21.60	21.38	19.42
		1720 (132072)	21.57	21.66	21.38	19.42
	50RB-Low (0)	1770 (132572)	21.64	21.58	21.24	19.29
		1745 (132322)	21.62	21.61	21.33	19.37
		1720 (132072)	21.47	21.54	21.26	19.31
	100RB (0)	1770 (132572)	21.72	21.72	21.45	19.48
		1745 (132322)	21.57	21.65	21.37	19.40
		1720 (132072)	21.58	21.62	21.39	19.43

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LTE Band66(ANT2 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	14.00	14.29	14.20	14.22
		1745 (132322)	13.92	14.14	14.06	14.08
		1710.7 (131979)	13.97	14.18	14.09	14.11
	1RB-Middle (3)	1779.3 (132665)	14.05	14.30	14.21	14.23
		1745 (132322)	13.98	14.32	14.24	14.26
		1710.7 (131979)	14.10	14.12	14.03	14.05
	1RB-Low (0)	1779.3 (132665)	13.94	14.30	14.22	14.24
		1745 (132322)	13.99	14.24	14.16	14.18
		1710.7 (131979)	13.93	14.15	14.07	14.09
	3RB-High (3)	1779.3 (132665)	13.98	14.10	14.02	14.03
		1745 (132322)	14.03	14.07	13.99	14.01
		1710.7 (131979)	14.08	14.05	13.97	13.98
	3RB-Middle (1)	1779.3 (132665)	13.98	14.00	13.92	13.94
		1745 (132322)	14.01	13.96	13.88	13.90
		1710.7 (131979)	14.01	14.01	13.93	13.95
	3RB-Low (0)	1779.3 (132665)	13.99	14.00	13.92	13.93
		1745 (132322)	13.99	14.01	13.93	13.95
		1710.7 (131979)	14.03	13.84	13.76	13.78
	6RB (0)	1779.3 (132665)	14.02	14.09	14.01	14.03
		1745 (132322)	13.98	13.99	13.91	13.92
		1710.7 (131979)	13.99	13.93	13.85	13.86
3MHz	1RB-High (14)	1778.5 (132657)	14.00	14.23	14.14	14.16
		1745 (132322)	13.98	14.26	14.18	14.20
		1711.5 (131987)	13.94	14.24	14.16	14.18
	1RB-Middle (7)	1778.5 (132657)	13.98	14.35	14.26	14.28
		1745 (132322)	14.03	14.26	14.19	14.29
		1711.5 (131987)	14.00	14.22	14.14	14.15
	1RB-Low (0)	1778.5 (132657)	13.99	14.32	14.24	14.26
		1745 (132322)	14.00	14.11	14.03	14.04
		1711.5 (131987)	13.95	14.22	14.14	14.15
	8RB-High (7)	1778.5 (132657)	14.08	14.05	13.97	13.98
		1745 (132322)	14.05	14.06	13.98	14.00
		1711.5 (131987)	14.02	14.03	13.95	13.97
	8RB-Middle (4)	1778.5 (132657)	14.01	13.97	13.89	13.91
		1745 (132322)	14.09	14.04	13.96	13.97
		1711.5 (131987)	14.09	14.00	13.92	13.93
	8RB-Low (0)	1778.5 (132657)	13.99	13.92	13.84	13.86
		1745 (132322)	13.94	13.97	13.89	13.91
		1711.5 (131987)	14.01	13.99	13.91	13.92
	15RB (0)	1778.5 (132657)	14.02	13.94	13.86	13.88
		1745 (132322)	14.00	13.89	13.80	13.82
		1711.5 (131987)	13.98	13.94	13.86	13.87

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5MHz	1RB-High (24)	1777.5 (132647)	14.06	14.22	14.14	14.15
		1745 (132322)	14.00	14.12	14.04	14.06
		1712.5 (131997)	14.01	14.23	14.14	14.16
	1RB-Middle (12)	1777.5 (132647)	14.00	14.30	14.21	14.23
		1745 (132322)	13.98	14.27	14.19	14.21
		1712.5 (131997)	13.99	14.23	14.14	14.16
	1RB-Low (0)	1777.5 (132647)	13.98	14.23	14.14	14.16
		1745 (132322)	13.96	14.19	14.11	14.13
		1712.5 (131997)	14.00	14.18	14.10	14.12
	12RB-High (13)	1777.5 (132647)	14.10	13.99	13.91	13.92
		1745 (132322)	14.07	13.96	13.88	13.90
		1712.5 (131997)	14.01	13.99	13.91	13.92
	12RB-Middle (6)	1777.5 (132647)	14.05	13.94	13.86	13.88
		1745 (132322)	14.06	13.94	13.86	13.87
		1712.5 (131997)	14.06	13.93	13.85	13.86
	12RB-Low (0)	1777.5 (132647)	13.98	13.96	13.88	13.90
		1745 (132322)	14.00	13.94	13.86	13.87
		1712.5 (131997)	14.06	13.93	13.85	13.86
	25RB (0)	1777.5 (132647)	14.09	13.93	13.85	13.86
		1745 (132322)	13.99	13.88	13.80	13.81
		1712.5 (131997)	14.04	13.95	13.87	13.89
10MHz	1RB-High (49)	1775 (132622)	14.10	14.14	14.06	14.08
		1745 (132322)	13.98	14.20	14.12	14.31
		1715 (132022)	14.00	14.30	14.21	14.23
	1RB-Middle (24)	1775 (132622)	14.08	14.17	14.09	14.10
		1745 (132322)	14.11	14.30	14.22	14.24
		1715 (132022)	14.05	14.24	14.15	14.17
	1RB-Low (0)	1775 (132622)	14.05	14.25	14.17	14.19
		1745 (132322)	13.98	14.27	14.19	14.20
		1715 (132022)	14.00	14.19	14.11	14.13
	25RB-High (25)	1775 (132622)	14.07	13.96	13.88	13.90
		1745 (132322)	14.11	14.05	13.97	13.98
		1715 (132022)	14.08	13.96	13.88	13.90
	25RB-Middle (12)	1775 (132622)	14.08	13.97	13.89	13.91
		1745 (132322)	14.08	13.94	13.86	13.87
		1715 (132022)	14.08	14.00	13.92	13.93
	25RB-Low (0)	1775 (132622)	14.09	13.93	13.85	13.86
		1745 (132322)	14.05	13.98	13.90	13.91
		1715 (132022)	13.99	13.88	13.80	13.81
	50RB (0)	1775 (132622)	14.08	13.94	13.86	13.88
		1745 (132322)	14.04	13.93	13.85	13.86
		1715 (132022)	14.08	13.98	13.90	13.91

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15MHz	1RB-High (74)	1772.5 (132597)	14.11	14.27	14.11	14.13
		1745 (132322)	13.97	14.17	14.09	14.10
		1717.5 (132047)	13.96	14.18	14.10	14.12
	1RB-Middle (37)	1772.5 (132597)	13.93	14.23	14.14	14.16
		1745 (132322)	13.94	14.08	14.00	14.02
		1717.5 (132047)	13.95	14.32	14.24	14.26
	1RB-Low (0)	1772.5 (132597)	13.95	14.06	13.98	14.00
		1745 (132322)	13.90	14.12	14.04	14.06
		1717.5 (132047)	13.84	13.94	13.86	13.88
	36RB-High (38)	1772.5 (132597)	14.06	13.99	13.91	13.92
		1745 (132322)	14.09	13.94	13.86	13.87
		1717.5 (132047)	14.06	13.86	13.78	13.80
	36RB-Middle (19)	1772.5 (132597)	14.00	13.84	13.76	13.78
		1745 (132322)	13.97	13.85	13.77	13.79
		1717.5 (132047)	14.05	13.92	13.84	13.86
	36RB-Low (0)	1772.5 (132597)	14.00	13.93	13.85	13.86
		1745 (132322)	14.04	13.93	13.85	13.86
		1717.5 (132047)	13.96	13.83	13.75	13.77
	75RB (0)	1772.5 (132597)	14.06	13.95	13.87	13.89
		1745 (132322)	14.06	13.89	13.80	13.82
		1717.5 (132047)	14.07	13.91	13.83	13.85
20MHz	1RB-High (99)	1770 (132572)	14.16	14.24	14.01	14.03
		1745 (132322)	14.16	14.64	14.12	14.14
		1720 (132072)	14.35	14.27	14.07	14.09
	1RB-Middle (50)	1770 (132572)	14.26	14.30	14.03	14.04
		1745 (132322)	14.09	14.24	14.23	14.25
		1720 (132072)	14.08	13.93	14.17	14.23
	1RB-Low (0)	1770 (132572)	14.23	14.21	14.20	14.24
		1745 (132322)	14.22	14.21	14.24	14.17
		1720 (132072)	14.21	14.15	14.18	14.20
	50RB-High (50)	1770 (132572)	14.26	14.27	13.98	14.00
		1745 (132322)	14.26	14.21	13.93	13.95
		1720 (132072)	14.21	14.16	13.91	13.92
	50RB-Middle (25)	1770 (132572)	14.30	14.26	14.03	14.04
		1745 (132322)	14.20	14.20	13.92	13.94
		1720 (132072)	14.32	14.27	13.92	13.94
	50RB-Low (0)	1770 (132572)	14.18	14.20	13.83	13.85
		1745 (132322)	14.18	14.19	13.89	13.91
		1720 (132072)	14.09	14.13	13.85	13.86
	100RB (0)	1770 (132572)	14.30	14.33	13.97	13.98
		1745 (132322)	14.21	14.14	13.92	13.93
		1720 (132072)	14.19	14.23	13.93	13.95

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LTE Band66(ANT2 DSI 13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	20.42	20.61	20.61	19.76
		1745 (132322)	20.30	20.40	20.40	19.56
		1710.7 (131979)	20.37	20.45	20.45	19.60
	1RB-Middle (3)	1779.3 (132665)	20.48	20.62	20.62	19.77
		1745 (132322)	20.38	20.66	20.66	19.81
		1710.7 (131979)	20.56	20.37	20.37	19.52
	1RB-Low (0)	1779.3 (132665)	20.33	20.63	20.63	19.78
		1745 (132322)	20.39	20.55	20.55	19.70
		1710.7 (131979)	20.31	20.41	20.41	19.57
	3RB-High (3)	1779.3 (132665)	20.38	20.34	20.34	19.50
		1745 (132322)	20.46	20.31	20.30	19.46
		1710.7 (131979)	20.53	20.27	20.27	19.43
	3RB-Middle (1)	1779.3 (132665)	20.38	20.21	20.21	19.37
		1745 (132322)	20.43	20.15	20.15	19.31
		1710.7 (131979)	20.43	20.22	20.22	19.38
	3RB-Low (0)	1779.3 (132665)	20.39	20.20	20.19	19.36
		1745 (132322)	20.39	20.22	20.22	19.38
		1710.7 (131979)	20.46	19.98	19.98	19.14
	6RB (0)	1779.3 (132665)	20.44	20.33	20.33	19.49
		1745 (132322)	20.38	20.18	20.18	19.34
		1710.7 (131979)	20.39	20.10	20.10	19.26
3MHz	1RB-High (14)	1778.5 (132657)	20.41	20.52	20.52	19.68
		1745 (132322)	20.38	20.57	20.57	19.72
		1711.5 (131987)	20.32	20.55	20.55	19.70
	1RB-Middle (7)	1778.5 (132657)	20.38	20.69	20.69	19.84
		1745 (132322)	20.46	20.57	20.58	19.85
		1711.5 (131987)	20.42	20.51	20.51	19.66
	1RB-Low (0)	1778.5 (132657)	20.39	20.66	20.66	19.81
		1745 (132322)	20.42	20.35	20.35	19.51
		1711.5 (131987)	20.35	20.51	20.51	19.66
	8RB-High (7)	1778.5 (132657)	20.53	20.27	20.27	19.43
		1745 (132322)	20.48	20.29	20.29	19.45
		1711.5 (131987)	20.44	20.24	20.24	19.40
	8RB-Middle (4)	1778.5 (132657)	20.43	20.16	20.16	19.32
		1745 (132322)	20.54	20.26	20.26	19.41
		1711.5 (131987)	20.54	20.20	20.19	19.36
	8RB-Low (0)	1778.5 (132657)	20.39	20.09	20.09	19.25
		1745 (132322)	20.33	20.16	20.16	19.32
		1711.5 (131987)	20.43	20.18	20.18	19.34
	15RB (0)	1778.5 (132657)	20.44	20.12	20.12	19.28
		1745 (132322)	20.41	20.04	20.04	19.20
		1711.5 (131987)	20.38	20.11	20.11	19.27

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5MHz	1RB-High (24)	1777.5 (132647)	20.51	20.51	20.51	19.66
		1745 (132322)	20.42	20.38	20.38	19.53
		1712.5 (131997)	20.43	20.52	20.52	19.68
	1RB-Middle (12)	1777.5 (132647)	20.42	20.62	20.62	19.77
		1745 (132322)	20.38	20.59	20.58	19.75
		1712.5 (131997)	20.39	20.52	20.52	19.68
	1RB-Low (0)	1777.5 (132647)	20.38	20.52	20.52	19.68
		1745 (132322)	20.36	20.48	20.47	19.63
		1712.5 (131997)	20.41	20.46	20.46	19.62
	12RB-High (13)	1777.5 (132647)	20.56	20.18	20.18	19.34
		1745 (132322)	20.52	20.15	20.15	19.31
		1712.5 (131997)	20.43	20.18	20.18	19.34
	12RB-Middle (6)	1777.5 (132647)	20.48	20.12	20.12	19.28
		1745 (132322)	20.49	20.11	20.11	19.27
		1712.5 (131997)	20.49	20.10	20.10	19.26
	12RB-Low (0)	1777.5 (132647)	20.38	20.15	20.15	19.31
		1745 (132322)	20.42	20.11	20.11	19.27
		1712.5 (131997)	20.49	20.10	20.10	19.26
	25RB (0)	1777.5 (132647)	20.54	20.10	20.10	19.26
		1745 (132322)	20.39	20.02	20.02	19.19
		1712.5 (131997)	20.47	20.13	20.13	19.30
10MHz	1RB-High (49)	1775 (132622)	20.56	20.40	20.40	19.56
		1745 (132322)	20.38	20.49	20.49	19.88
		1715 (132022)	20.42	20.62	20.62	19.77
	1RB-Middle (24)	1775 (132622)	20.53	20.44	20.44	19.59
		1745 (132322)	20.57	20.63	20.63	19.78
		1715 (132022)	20.48	20.54	20.54	19.69
	1RB-Low (0)	1775 (132622)	20.48	20.56	20.56	19.71
		1745 (132322)	20.38	20.59	20.58	19.73
		1715 (132022)	20.42	20.48	20.47	19.63
	25RB-High (25)	1775 (132622)	20.52	20.15	20.15	19.31
		1745 (132322)	20.57	20.27	20.27	19.43
		1715 (132022)	20.53	20.15	20.15	19.31
	25RB-Middle (12)	1775 (132622)	20.53	20.16	20.16	19.32
		1745 (132322)	20.53	20.11	20.11	19.27
		1715 (132022)	20.53	20.20	20.19	19.36
	25RB-Low (0)	1775 (132622)	20.54	20.10	20.10	19.26
		1745 (132322)	20.48	20.17	20.17	19.33
		1715 (132022)	20.39	20.02	20.02	19.19
	50RB (0)	1775 (132622)	20.53	20.12	20.12	19.28
		1745 (132322)	20.47	20.10	20.10	19.26
		1715 (132022)	20.53	20.17	20.17	19.33

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15MHz	1RB-High (74)	1772.5 (132597)	20.57	20.59	20.47	19.63
		1745 (132322)	20.37	20.44	20.44	19.59
		1717.5 (132047)	20.36	20.46	20.46	19.62
	1RB-Middle (37)	1772.5 (132597)	20.31	20.52	20.52	19.68
		1745 (132322)	20.32	20.32	20.32	19.47
		1717.5 (132047)	20.35	20.66	20.66	19.81
	1RB-Low (0)	1772.5 (132597)	20.35	20.29	20.29	19.45
		1745 (132322)	20.27	20.38	20.38	19.53
		1717.5 (132047)	20.18	20.12	20.12	19.28
	36RB-High (38)	1772.5 (132597)	20.49	20.18	20.18	19.34
		1745 (132322)	20.54	20.11	20.11	19.27
		1717.5 (132047)	20.51	20.00	20.00	19.17
	36RB-Middle (19)	1772.5 (132597)	20.41	19.98	19.98	19.14
		1745 (132322)	20.37	19.99	19.99	19.15
		1717.5 (132047)	20.48	20.09	20.09	19.25
	36RB-Low (0)	1772.5 (132597)	20.42	20.10	20.10	19.26
		1745 (132322)	20.47	20.10	20.10	19.26
		1717.5 (132047)	20.36	19.96	19.96	19.13
	75RB (0)	1772.5 (132597)	20.49	20.13	20.13	19.30
		1745 (132322)	20.51	20.04	20.04	19.20
		1717.5 (132047)	20.52	20.07	20.07	19.24
20MHz	1RB-High (99)	1770 (132572)	20.23	20.61	20.08	19.49
		1745 (132322)	20.33	20.29	20.24	19.64
		1720 (132072)	20.66	20.19	20.16	19.57
	1RB-Middle (50)	1770 (132572)	20.17	20.30	20.10	19.51
		1745 (132322)	20.16	20.11	20.40	19.79
		1720 (132072)	20.17	20.61	20.31	19.77
	1RB-Low (0)	1770 (132572)	20.11	20.50	20.35	19.78
		1745 (132322)	20.24	20.39	20.41	19.69
		1720 (132072)	20.48	20.25	20.32	19.72
	50RB-High (50)	1770 (132572)	20.31	20.51	20.04	19.45
		1745 (132322)	20.28	20.41	19.97	19.38
		1720 (132072)	20.28	20.26	19.93	19.34
	50RB-Middle (25)	1770 (132572)	20.29	20.33	20.10	19.51
		1745 (132322)	20.24	20.27	19.96	19.37
		1720 (132072)	20.28	20.25	19.96	19.37
	50RB-Low (0)	1770 (132572)	20.27	20.26	19.82	19.24
		1745 (132322)	20.27	20.30	19.91	19.32
		1720 (132072)	20.20	20.20	19.85	19.26
	100RB (0)	1770 (132572)	20.29	20.31	20.02	19.43
		1745 (132322)	20.20	20.22	19.94	19.36
		1720 (132072)	20.19	20.23	19.97	19.38

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LTE Band66(ANT3 DSI 1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	23.23	23.75	22.30	19.21
		1745 (132322)	23.54	23.70	22.34	19.24
		1710.7 (131979)	23.49	23.50	22.43	19.32
	1RB-Middle (3)	1779.3 (132665)	23.22	23.39	22.22	19.14
		1745 (132322)	23.63	23.44	22.33	19.23
		1710.7 (131979)	23.64	23.64	22.30	19.21
	1RB-Low (0)	1779.3 (132665)	23.20	23.58	22.32	19.22
		1745 (132322)	23.66	23.51	22.37	19.27
		1710.7 (131979)	23.53	23.66	22.33	19.23
	3RB-High (3)	1779.3 (132665)	23.53	23.32	22.25	19.16
		1745 (132322)	23.67	23.38	22.19	19.11
		1710.7 (131979)	23.63	23.36	22.30	19.21
	3RB-Middle (1)	1779.3 (132665)	23.58	23.31	22.33	19.23
		1745 (132322)	23.68	23.41	22.34	19.24
		1710.7 (131979)	23.51	23.61	22.29	19.20
	3RB-Low (0)	1779.3 (132665)	23.63	23.20	22.26	19.17
		1745 (132322)	23.69	23.52	22.19	19.11
		1710.7 (131979)	23.62	23.38	22.27	19.18
	6RB (0)	1779.3 (132665)	23.28	22.38	21.24	19.21
		1745 (132322)	23.24	22.25	21.27	19.24
		1710.7 (131979)	23.18	22.31	21.29	19.25
3MHz	1RB-High (14)	1778.5 (132657)	23.13	23.32	22.25	19.16
		1745 (132322)	23.56	23.67	22.17	19.09
		1711.5 (131987)	23.48	23.42	22.34	19.24
	1RB-Middle (7)	1778.5 (132657)	23.16	23.56	22.56	19.43
		1745 (132322)	23.70	23.39	22.46	19.34
		1711.5 (131987)	23.58	23.67	22.48	19.36
	1RB-Low (0)	1778.5 (132657)	23.17	23.31	22.31	19.22
		1745 (132322)	23.64	23.68	22.21	19.13
		1711.5 (131987)	23.45	23.50	22.12	19.03
	8RB-High (7)	1778.5 (132657)	23.26	22.40	21.34	19.30
		1745 (132322)	23.30	22.41	21.20	19.17
		1711.5 (131987)	23.26	22.31	21.30	19.26
	8RB-Middle (4)	1778.5 (132657)	23.23	22.28	21.38	19.34
		1745 (132322)	23.26	22.37	21.25	19.22
		1711.5 (131987)	23.27	22.33	21.16	19.14
	8RB-Low (0)	1778.5 (132657)	23.19	22.23	21.32	19.28
		1745 (132322)	23.25	22.30	21.25	19.22
		1711.5 (131987)	23.27	22.35	21.20	19.17
	15RB (0)	1778.5 (132657)	23.22	22.27	21.23	19.20
		1745 (132322)	23.17	22.24	21.15	19.13
		1711.5 (131987)	23.22	22.21	21.26	19.23

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5MHz	1RB-High (24)	1777.5 (132647)	23.29	23.63	22.29	19.20
		1745 (132322)	23.58	23.62	22.25	19.16
		1712.5 (131997)	23.51	23.52	22.32	19.22
	1RB-Middle (12)	1777.5 (132647)	23.28	23.73	22.49	19.37
		1745 (132322)	23.58	23.45	22.48	19.36
		1712.5 (131997)	23.56	23.63	22.38	19.28
	1RB-Low (0)	1777.5 (132647)	23.21	23.43	22.32	19.22
		1745 (132322)	23.55	23.75	22.26	19.17
		1712.5 (131997)	23.48	23.43	22.32	19.22
	12RB-High (13)	1777.5 (132647)	23.27	22.36	21.30	19.26
		1745 (132322)	23.25	22.32	21.26	19.23
		1712.5 (131997)	23.27	22.35	21.32	19.28
	12RB-Middle (6)	1777.5 (132647)	23.30	22.34	21.45	19.40
		1745 (132322)	23.17	22.23	21.21	19.18
		1712.5 (131997)	23.25	22.30	21.31	19.27
	12RB-Low (0)	1777.5 (132647)	23.16	22.17	21.22	19.19
		1745 (132322)	23.27	22.27	21.14	19.12
		1712.5 (131997)	23.21	22.23	21.29	19.25
	25RB (0)	1777.5 (132647)	23.28	22.30	21.33	19.29
		1745 (132322)	23.19	22.20	21.22	19.19
		1712.5 (131997)	23.20	22.22	21.24	19.21
10MHz	1RB-High (49)	1775 (132622)	23.25	23.73	22.24	19.16
		1745 (132322)	23.67	23.60	22.55	19.42
		1715 (132022)	23.52	23.53	22.44	19.33
	1RB-Middle (24)	1775 (132622)	23.23	23.29	22.40	19.29
		1745 (132322)	23.63	23.68	22.34	19.24
		1715 (132022)	23.63	23.52	22.41	19.30
	1RB-Low (0)	1775 (132622)	23.16	23.67	22.28	19.19
		1745 (132322)	23.63	23.63	22.32	19.22
		1715 (132022)	23.54	23.45	22.29	19.20
	25RB-High (25)	1775 (132622)	23.22	22.36	21.27	19.24
		1745 (132322)	23.29	22.33	21.23	19.20
		1715 (132022)	23.24	22.29	21.26	19.23
	25RB-Middle (12)	1775 (132622)	23.05	22.13	21.37	19.33
		1745 (132322)	23.20	22.36	21.20	19.17
		1715 (132022)	23.28	22.29	21.26	19.23
	25RB-Low (0)	1775 (132622)	23.13	22.25	21.25	19.22
		1745 (132322)	23.21	22.31	21.18	19.15
		1715 (132022)	23.16	22.24	21.10	19.08
	50RB (0)	1775 (132622)	23.18	22.15	21.34	19.30
		1745 (132322)	23.25	22.25	21.21	19.18
		1715 (132022)	23.29	22.22	21.27	19.24

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15MHz	1RB-High (74)	1772.5 (132597)	23.16	23.52	22.09	19.03
		1745 (132322)	23.44	23.59	22.15	19.08
		1717.5 (132047)	23.49	23.26	22.46	19.34
	1RB-Middle (37)	1772.5 (132597)	23.20	23.14	22.23	19.15
		1745 (132322)	23.56	23.16	22.14	19.07
		1717.5 (132047)	23.47	23.47	22.12	19.05
	1RB-Low (0)	1772.5 (132597)	23.14	23.63	22.09	19.03
		1745 (132322)	23.46	23.39	22.13	19.06
		1717.5 (132047)	23.37	23.37	22.26	19.17
	36RB-High (38)	1772.5 (132597)	23.15	22.09	21.22	19.19
		1745 (132322)	23.14	22.16	21.10	19.08
		1717.5 (132047)	23.14	22.22	21.21	19.18
	36RB-Middle (19)	1772.5 (132597)	23.07	22.05	21.14	19.12
		1745 (132322)	23.10	22.14	21.11	19.09
		1717.5 (132047)	23.15	22.21	21.16	19.14
	36RB-Low (0)	1772.5 (132597)	23.06	22.09	21.17	19.15
		1745 (132322)	23.17	22.11	21.08	19.06
		1717.5 (132047)	23.07	22.16	21.09	19.07
	75RB (0)	1772.5 (132597)	23.13	22.16	21.27	19.24
		1745 (132322)	23.11	22.07	21.06	19.05
		1717.5 (132047)	23.14	22.14	21.13	19.11
20MHz	1RB-High (99)	1770 (132572)	23.56	23.34	22.13	19.06
		1745 (132322)	23.51	23.38	22.47	19.35
		1720 (132072)	23.55	23.13	22.24	19.16
	1RB-Middle (50)	1770 (132572)	23.45	22.89	22.31	19.22
		1745 (132322)	23.42	23.02	22.13	19.06
		1720 (132072)	23.37	23.12	22.41	19.30
	1RB-Low (0)	1770 (132572)	23.50	23.68	22.33	19.23
		1745 (132322)	23.52	23.65	22.37	19.27
		1720 (132072)	23.48	23.14	22.42	19.31
	50RB-High (50)	1770 (132572)	23.17	22.16	21.13	19.11
		1745 (132322)	23.19	22.16	21.22	19.19
		1720 (132072)	23.22	22.11	21.11	19.09
	50RB-Middle (25)	1770 (132572)	23.23	22.19	21.23	19.20
		1745 (132322)	23.17	22.12	21.06	19.05
		1720 (132072)	23.24	22.15	21.18	19.15
	50RB-Low (0)	1770 (132572)	23.07	22.19	20.99	18.98
		1745 (132322)	23.17	22.16	20.96	18.96
		1720 (132072)	23.14	22.15	21.12	19.10
	100RB (0)	1770 (132572)	23.20	22.21	21.20	19.17
		1745 (132322)	23.12	22.13	21.08	19.06
		1720 (132072)	23.13	22.18	21.08	19.06

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LTE Band66(ANT3 DSI 5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	24.31	23.73	22.32	19.22
		1745 (132322)	24.27	23.66	22.36	19.25
		1710.7 (131979)	24.10	23.61	22.45	19.33
	1RB-Middle (3)	1779.3 (132665)	24.35	23.78	22.24	19.15
		1745 (132322)	24.30	23.64	22.35	19.24
		1710.7 (131979)	24.20	23.65	22.32	19.22
	1RB-Low (0)	1779.3 (132665)	24.35	23.57	22.34	19.23
		1745 (132322)	24.30	23.50	22.39	19.28
		1710.7 (131979)	24.10	23.66	22.35	19.24
	3RB-High (3)	1779.3 (132665)	24.20	23.49	22.27	19.17
		1745 (132322)	24.21	23.33	22.21	19.12
		1710.7 (131979)	24.27	23.38	22.32	19.22
	3RB-Middle (1)	1779.3 (132665)	24.36	23.62	22.35	19.24
		1745 (132322)	24.26	23.45	22.36	19.25
		1710.7 (131979)	24.12	23.49	22.31	19.21
	3RB-Low (0)	1779.3 (132665)	24.24	23.24	22.28	19.18
		1745 (132322)	24.19	23.44	22.21	19.12
		1710.7 (131979)	24.19	23.43	22.29	19.19
	6RB (0)	1779.3 (132665)	23.24	22.28	21.26	19.22
		1745 (132322)	23.25	22.30	21.29	19.25
		1710.7 (131979)	23.24	22.37	21.31	19.26
3MHz	1RB-High (14)	1778.5 (132657)	24.14	23.37	22.27	19.17
		1745 (132322)	24.12	23.50	22.19	19.10
		1711.5 (131987)	24.18	23.55	22.36	19.25
	1RB-Middle (7)	1778.5 (132657)	24.16	23.65	22.58	19.44
		1745 (132322)	24.21	23.46	22.48	19.35
		1711.5 (131987)	24.26	23.51	22.50	19.37
	1RB-Low (0)	1778.5 (132657)	24.10	23.33	22.33	19.23
		1745 (132322)	24.21	23.45	22.23	19.14
		1711.5 (131987)	24.12	23.59	22.14	19.04
	8RB-High (7)	1778.5 (132657)	23.27	22.33	21.36	19.31
		1745 (132322)	23.26	22.37	21.22	19.18
		1711.5 (131987)	23.29	22.30	21.32	19.27
	8RB-Middle (4)	1778.5 (132657)	23.32	22.42	21.40	19.35
		1745 (132322)	23.27	22.36	21.27	19.23
		1711.5 (131987)	23.30	22.34	21.18	19.15
	8RB-Low (0)	1778.5 (132657)	23.20	22.37	21.34	19.29
		1745 (132322)	23.19	22.16	21.27	19.23
		1711.5 (131987)	23.18	22.30	21.22	19.18
	15RB (0)	1778.5 (132657)	23.23	22.19	21.25	19.21
		1745 (132322)	23.12	22.13	21.17	19.14
		1711.5 (131987)	23.22	22.24	21.28	19.24

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5MHz	1RB-High (24)	1777.5 (132647)	24.27	23.50	22.31	19.21
		1745 (132322)	24.25	23.47	22.27	19.17
		1712.5 (131997)	24.12	23.72	22.34	19.23
	1RB-Middle (12)	1777.5 (132647)	24.32	23.72	22.51	19.38
		1745 (132322)	24.23	23.58	22.50	19.37
		1712.5 (131997)	24.32	23.64	22.40	19.29
	1RB-Low (0)	1777.5 (132647)	24.13	23.44	22.34	19.23
		1745 (132322)	24.18	23.45	22.28	19.18
		1712.5 (131997)	24.17	23.44	22.34	19.23
	12RB-High (13)	1777.5 (132647)	23.29	22.40	21.32	19.27
		1745 (132322)	23.26	22.25	21.28	19.24
		1712.5 (131997)	23.26	22.24	21.34	19.29
	12RB-Middle (6)	1777.5 (132647)	23.37	22.35	21.47	19.41
		1745 (132322)	23.21	22.23	21.23	19.19
		1712.5 (131997)	23.31	22.35	21.33	19.28
	12RB-Low (0)	1777.5 (132647)	23.30	22.24	21.24	19.20
		1745 (132322)	23.15	22.19	21.16	19.13
		1712.5 (131997)	23.26	22.37	21.31	19.26
	25RB (0)	1777.5 (132647)	23.32	22.35	21.35	19.30
		1745 (132322)	23.19	22.22	21.24	19.20
		1712.5 (131997)	23.26	22.29	21.26	19.22
10MHz	1RB-High (49)	1775 (132622)	24.26	23.61	22.26	19.17
		1745 (132322)	24.29	23.63	22.57	19.43
		1715 (132022)	24.34	23.53	22.46	19.34
	1RB-Middle (24)	1775 (132622)	24.27	23.54	22.42	19.30
		1745 (132322)	24.21	23.47	22.36	19.25
		1715 (132022)	24.27	23.41	22.43	19.31
	1RB-Low (0)	1775 (132622)	24.15	23.68	22.30	19.20
		1745 (132322)	24.14	23.57	22.34	19.23
		1715 (132022)	24.23	23.68	22.31	19.21
	25RB-High (25)	1775 (132622)	23.37	22.39	21.29	19.25
		1745 (132322)	23.26	22.29	21.25	19.21
		1715 (132022)	23.30	22.26	21.28	19.24
	25RB-Middle (12)	1775 (132622)	23.31	22.34	21.39	19.34
		1745 (132322)	23.23	22.29	21.22	19.18
		1715 (132022)	23.29	22.35	21.28	19.24
	25RB-Low (0)	1775 (132622)	23.27	22.30	21.27	19.23
		1745 (132322)	23.23	22.28	21.20	19.16
		1715 (132022)	23.20	22.20	21.12	19.09
	50RB (0)	1775 (132622)	23.36	22.31	21.36	19.31
		1745 (132322)	23.24	22.14	21.23	19.19
		1715 (132022)	23.27	22.24	21.29	19.25

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15MHz	1RB-High (74)	1772.5 (132597)	23.94	23.23	22.11	19.04
		1745 (132322)	24.18	23.35	22.17	19.09
		1717.5 (132047)	24.09	23.60	22.48	19.35
	1RB-Middle (37)	1772.5 (132597)	24.16	23.64	22.25	19.16
		1745 (132322)	24.01	23.21	22.16	19.08
		1717.5 (132047)	23.98	23.32	22.14	19.06
	1RB-Low (0)	1772.5 (132597)	24.03	23.18	22.11	19.04
		1745 (132322)	24.04	23.28	22.15	19.07
		1717.5 (132047)	24.02	23.43	22.28	19.18
	36RB-High (38)	1772.5 (132597)	23.17	22.22	21.24	19.20
		1745 (132322)	23.16	22.12	21.12	19.09
		1717.5 (132047)	23.13	22.21	21.23	19.19
	36RB-Middle (19)	1772.5 (132597)	23.19	22.16	21.16	19.13
		1745 (132322)	23.11	22.09	21.13	19.10
		1717.5 (132047)	22.98	22.15	21.18	19.15
	36RB-Low (0)	1772.5 (132597)	23.14	22.12	21.19	19.16
		1745 (132322)	23.00	22.08	21.10	19.07
		1717.5 (132047)	23.10	22.15	21.11	19.08
	75RB (0)	1772.5 (132597)	23.14	22.21	21.29	19.25
		1745 (132322)	23.06	22.14	21.08	19.06
		1717.5 (132047)	23.16	22.15	21.15	19.12
20MHz	1RB-High (99)	1770 (132572)	24.01	23.25	22.15	19.07
		1745 (132322)	24.14	23.46	22.49	19.36
		1720 (132072)	24.11	23.32	22.26	19.17
	1RB-Middle (50)	1770 (132572)	24.02	23.47	22.33	19.23
		1745 (132322)	23.95	23.29	22.15	19.07
		1720 (132072)	23.99	23.30	22.43	19.31
	1RB-Low (0)	1770 (132572)	24.16	23.25	22.35	19.24
		1745 (132322)	24.02	23.51	22.39	19.28
		1720 (132072)	24.33	23.34	22.44	19.32
	50RB-High (50)	1770 (132572)	23.12	22.24	21.15	19.12
		1745 (132322)	23.09	22.25	21.24	19.20
		1720 (132072)	23.11	22.17	21.13	19.10
	50RB-Middle (25)	1770 (132572)	23.23	22.22	21.25	19.21
		1745 (132322)	23.10	22.16	21.08	19.06
		1720 (132072)	23.17	22.22	21.20	19.16
	50RB-Low (0)	1770 (132572)	23.14	22.07	21.01	18.99
		1745 (132322)	23.15	22.11	20.98	18.97
		1720 (132072)	23.04	22.13	21.14	19.11
	100RB (0)	1770 (132572)	23.15	22.15	21.22	19.18
		1745 (132322)	23.10	22.07	21.10	19.07
		1720 (132072)	23.11	22.22	21.10	19.07

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LTE Band66(ANT3 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	16.25	16.71	16.73	16.69
		1745 (132322)	16.15	16.54	16.56	16.52
		1710.7 (131979)	16.21	16.58	16.60	16.56
	1RB-Middle (3)	1779.3 (132665)	16.30	16.72	16.74	16.70
		1745 (132322)	16.22	16.75	16.77	16.73
		1710.7 (131979)	16.36	16.51	16.53	16.49
	1RB-Low (0)	1779.3 (132665)	16.18	16.73	16.75	16.71
		1745 (132322)	16.23	16.66	16.68	16.64
		1710.7 (131979)	16.16	16.55	16.57	16.53
	3RB-High (3)	1779.3 (132665)	16.22	16.49	16.51	16.47
		1745 (132322)	16.28	16.46	16.48	16.44
		1710.7 (131979)	16.34	16.43	16.45	16.41
	3RB-Middle (1)	1779.3 (132665)	16.22	16.38	16.40	16.36
		1745 (132322)	16.26	16.33	16.35	16.31
		1710.7 (131979)	16.26	16.39	16.41	16.37
	3RB-Low (0)	1779.3 (132665)	16.23	16.37	16.39	16.35
		1745 (132322)	16.23	16.39	16.41	16.37
		1710.7 (131979)	16.28	16.19	16.21	16.17
	6RB (0)	1779.3 (132665)	16.27	16.48	16.50	16.46
		1745 (132322)	16.22	16.36	16.38	16.34
		1710.7 (131979)	16.23	16.29	16.31	16.27
3MHz	1RB-High (14)	1778.5 (132657)	16.24	16.64	16.66	16.62
		1745 (132322)	16.22	16.68	16.70	16.66
		1711.5 (131987)	16.17	16.66	16.68	16.64
	1RB-Middle (7)	1778.5 (132657)	16.22	16.78	16.80	16.76
		1745 (132322)	16.28	16.68	16.71	16.77
		1711.5 (131987)	16.25	16.63	16.65	16.61
	1RB-Low (0)	1778.5 (132657)	16.23	16.75	16.77	16.73
		1745 (132322)	16.25	16.50	16.52	16.48
		1711.5 (131987)	16.19	16.63	16.65	16.61
	8RB-High (7)	1778.5 (132657)	16.34	16.43	16.45	16.41
		1745 (132322)	16.30	16.45	16.47	16.43
		1711.5 (131987)	16.27	16.41	16.43	16.39
	8RB-Middle (4)	1778.5 (132657)	16.26	16.34	16.36	16.32
		1745 (132322)	16.35	16.42	16.44	16.40
		1711.5 (131987)	16.35	16.37	16.39	16.35
	8RB-Low (0)	1778.5 (132657)	16.23	16.28	16.30	16.26
		1745 (132322)	16.18	16.34	16.36	16.32
		1711.5 (131987)	16.26	16.36	16.38	16.34
	15RB (0)	1778.5 (132657)	16.27	16.31	16.33	16.29
		1745 (132322)	16.24	16.24	16.26	16.22
		1711.5 (131987)	16.22	16.30	16.32	16.28

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5MHz	1RB-High (24)	1777.5 (132647)	16.32	16.63	16.65	16.61
		1745 (132322)	16.25	16.52	16.54	16.50
		1712.5 (131997)	16.26	16.64	16.66	16.62
	1RB-Middle (12)	1777.5 (132647)	16.25	16.72	16.74	16.70
		1745 (132322)	16.22	16.69	16.71	16.68
		1712.5 (131997)	16.23	16.64	16.66	16.62
	1RB-Low (0)	1777.5 (132647)	16.22	16.64	16.66	16.62
		1745 (132322)	16.20	16.60	16.62	16.58
		1712.5 (131997)	16.24	16.59	16.61	16.57
	12RB-High (13)	1777.5 (132647)	16.36	16.36	16.38	16.34
		1745 (132322)	16.33	16.33	16.35	16.31
		1712.5 (131997)	16.26	16.36	16.38	16.34
	12RB-Middle (6)	1777.5 (132647)	16.30	16.31	16.33	16.29
		1745 (132322)	16.31	16.30	16.32	16.28
		1712.5 (131997)	16.31	16.29	16.31	16.27
	12RB-Low (0)	1777.5 (132647)	16.22	16.33	16.35	16.31
		1745 (132322)	16.25	16.30	16.32	16.28
		1712.5 (131997)	16.31	16.29	16.31	16.27
	25RB (0)	1777.5 (132647)	16.35	16.29	16.31	16.27
		1745 (132322)	16.23	16.23	16.25	16.21
		1712.5 (131997)	16.29	16.32	16.34	16.30
10MHz	1RB-High (49)	1775 (132622)	16.36	16.54	16.56	16.52
		1745 (132322)	16.22	16.61	16.63	16.79
		1715 (132022)	16.25	16.72	16.74	16.70
	1RB-Middle (24)	1775 (132622)	16.34	16.57	16.59	16.55
		1745 (132322)	16.37	16.73	16.75	16.71
		1715 (132022)	16.30	16.65	16.67	16.63
	1RB-Low (0)	1775 (132622)	16.30	16.67	16.69	16.65
		1745 (132322)	16.22	16.69	16.71	16.67
		1715 (132022)	16.25	16.60	16.62	16.58
	25RB-High (25)	1775 (132622)	16.33	16.33	16.35	16.31
		1745 (132322)	16.37	16.43	16.45	16.41
		1715 (132022)	16.34	16.33	16.35	16.31
	25RB-Middle (12)	1775 (132622)	16.34	16.34	16.36	16.32
		1745 (132322)	16.34	16.30	16.32	16.28
		1715 (132022)	16.34	16.37	16.39	16.35
	25RB-Low (0)	1775 (132622)	16.35	16.29	16.31	16.27
		1745 (132322)	16.30	16.35	16.37	16.33
		1715 (132022)	16.23	16.23	16.25	16.21
	50RB (0)	1775 (132622)	16.34	16.31	16.33	16.29
		1745 (132322)	16.29	16.29	16.31	16.27
		1715 (132022)	16.34	16.35	16.37	16.33

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15MHz	1RB-High (74)	1772.5 (132597)	16.37	16.69	16.62	16.58
		1745 (132322)	16.21	16.57	16.59	16.55
		1717.5 (132047)	16.20	16.59	16.61	16.57
	1RB-Middle (37)	1772.5 (132597)	16.16	16.64	16.66	16.62
		1745 (132322)	16.17	16.47	16.49	16.45
		1717.5 (132047)	16.19	16.75	16.77	16.73
	1RB-Low (0)	1772.5 (132597)	16.19	16.45	16.47	16.43
		1745 (132322)	16.13	16.52	16.54	16.50
		1717.5 (132047)	16.06	16.31	16.33	16.29
	36RB-High (38)	1772.5 (132597)	16.31	16.36	16.38	16.34
		1745 (132322)	16.35	16.30	16.32	16.28
		1717.5 (132047)	16.32	16.21	16.23	16.19
	36RB-Middle (19)	1772.5 (132597)	16.24	16.19	16.21	16.17
		1745 (132322)	16.21	16.20	16.22	16.18
		1717.5 (132047)	16.30	16.28	16.30	16.26
	36RB-Low (0)	1772.5 (132597)	16.25	16.29	16.31	16.27
		1745 (132322)	16.29	16.29	16.31	16.27
		1717.5 (132047)	16.20	16.18	16.20	16.16
	75RB (0)	1772.5 (132597)	16.31	16.32	16.34	16.30
		1745 (132322)	16.32	16.24	16.26	16.22
		1717.5 (132047)	16.33	16.27	16.29	16.25
20MHz	1RB-High (99)	1770 (132572)	16.03	16.48	16.50	16.46
		1745 (132322)	16.32	16.61	16.63	16.59
		1720 (132072)	16.55	16.55	16.57	16.53
	1RB-Middle (50)	1770 (132572)	16.38	16.50	16.52	16.48
		1745 (132322)	16.33	16.74	16.76	16.72
		1720 (132072)	16.50	16.62	16.69	16.70
	1RB-Low (0)	1770 (132572)	16.29	16.71	16.72	16.71
		1745 (132322)	16.14	16.64	16.77	16.63
		1720 (132072)	16.29	16.68	16.70	16.66
	50RB-High (50)	1770 (132572)	16.46	16.45	16.47	16.43
		1745 (132322)	16.47	16.39	16.41	16.37
		1720 (132072)	16.43	16.36	16.38	16.34
	50RB-Middle (25)	1770 (132572)	16.39	16.50	16.52	16.48
		1745 (132322)	16.31	16.38	16.40	16.36
		1720 (132072)	16.34	16.38	16.40	16.36
	50RB-Low (0)	1770 (132572)	16.38	16.27	16.29	16.25
		1745 (132322)	16.33	16.34	16.36	16.32
		1720 (132072)	16.30	16.29	16.31	16.27
	100RB (0)	1770 (132572)	16.50	16.43	16.45	16.41
		1745 (132322)	16.35	16.37	16.39	16.35
		1720 (132072)	16.42	16.39	16.41	16.37

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LTE Band66(ANT4 DSI 1)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	22.37	22.52	22.29	19.22
		1745 (132322)	22.49	22.76	22.33	19.25
		1710.7 (131979)	22.33	22.67	22.42	19.33
	1RB-Middle (3)	1779.3 (132665)	22.41	22.78	22.21	19.15
		1745 (132322)	22.63	22.61	22.32	19.24
		1710.7 (131979)	22.34	22.56	22.29	19.22
	1RB-Low (0)	1779.3 (132665)	22.46	22.65	22.31	19.23
		1745 (132322)	22.38	22.78	22.36	19.28
		1710.7 (131979)	22.26	22.68	22.32	19.24
	3RB-High (3)	1779.3 (132665)	22.69	22.39	22.24	19.17
		1745 (132322)	22.44	22.68	22.18	19.12
		1710.7 (131979)	22.44	22.47	22.29	19.22
	3RB-Middle (1)	1779.3 (132665)	22.47	22.56	22.32	19.24
		1745 (132322)	22.54	22.71	22.33	19.25
		1710.7 (131979)	22.40	22.44	22.28	19.21
	3RB-Low (0)	1779.3 (132665)	22.38	22.45	22.25	19.18
		1745 (132322)	22.52	22.63	22.18	19.12
		1710.7 (131979)	22.38	22.76	22.26	19.19
	6RB (0)	1779.3 (132665)	22.47	22.38	21.23	19.22
		1745 (132322)	22.52	22.63	21.26	19.25
		1710.7 (131979)	22.38	22.42	21.28	19.26
3MHz	1RB-High (14)	1778.5 (132657)	22.48	22.61	22.24	19.17
		1745 (132322)	22.44	22.71	22.16	19.10
		1711.5 (131987)	22.25	22.73	22.33	19.25
	1RB-Middle (7)	1778.5 (132657)	22.49	22.61	22.55	19.44
		1745 (132322)	22.50	22.64	22.45	19.35
		1711.5 (131987)	22.36	22.60	22.47	19.37
	1RB-Low (0)	1778.5 (132657)	22.45	22.47	22.30	19.23
		1745 (132322)	22.37	22.78	22.20	19.14
		1711.5 (131987)	22.33	22.70	22.11	19.04
	8RB-High (7)	1778.5 (132657)	22.54	22.39	21.33	19.31
		1745 (132322)	22.56	22.63	21.19	19.18
		1711.5 (131987)	22.36	22.58	21.29	19.27
	8RB-Middle (4)	1778.5 (132657)	22.50	22.47	21.37	19.35
		1745 (132322)	22.54	22.68	21.24	19.23
		1711.5 (131987)	22.50	22.55	21.15	19.15
	8RB-Low (0)	1778.5 (132657)	22.50	22.38	21.31	19.29
		1745 (132322)	22.48	22.48	21.24	19.23
		1711.5 (131987)	22.44	22.62	21.19	19.18
	15RB (0)	1778.5 (132657)	22.46	22.41	21.22	19.21
		1745 (132322)	22.39	22.47	21.14	19.14
		1711.5 (131987)	22.34	22.48	21.25	19.24

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5MHz	1RB-High (24)	1777.5 (132647)	21.50	22.48	22.28	19.21
		1745 (132322)	22.46	22.67	22.24	19.17
		1712.5 (131997)	22.22	22.63	22.31	19.23
	1RB-Middle (12)	1777.5 (132647)	21.49	22.69	22.48	19.38
		1745 (132322)	22.44	22.63	22.47	19.37
		1712.5 (131997)	22.44	22.57	22.37	19.29
	1RB-Low (0)	1777.5 (132647)	21.39	22.72	22.31	19.23
		1745 (132322)	22.37	22.67	22.25	19.18
		1712.5 (131997)	22.25	22.50	22.31	19.23
	12RB-High (13)	1777.5 (132647)	21.54	22.45	21.29	19.27
		1745 (132322)	22.52	22.58	21.25	19.24
		1712.5 (131997)	22.43	22.47	21.31	19.29
	12RB-Middle (6)	1777.5 (132647)	21.42	22.49	21.44	19.41
		1745 (132322)	22.48	22.45	21.20	19.19
		1712.5 (131997)	22.50	22.52	21.30	19.28
	12RB-Low (0)	1777.5 (132647)	21.47	22.47	21.21	19.20
		1745 (132322)	22.49	22.48	21.13	19.13
		1712.5 (131997)	22.41	22.49	21.28	19.26
	25RB (0)	1777.5 (132647)	21.39	22.37	21.32	19.30
		1745 (132322)	22.40	22.40	21.21	19.20
		1712.5 (131997)	22.42	22.46	21.23	19.22
10MHz	1RB-High (49)	1775 (132622)	22.35	22.68	22.23	19.17
		1745 (132322)	22.42	22.68	22.54	19.43
		1715 (132022)	22.41	22.80	22.43	19.34
	1RB-Middle (24)	1775 (132622)	22.48	22.59	22.39	19.30
		1745 (132322)	22.50	22.63	22.33	19.25
		1715 (132022)	22.40	22.70	22.40	19.31
	1RB-Low (0)	1775 (132622)	22.49	22.73	22.27	19.20
		1745 (132322)	22.38	22.67	22.31	19.23
		1715 (132022)	22.36	22.68	22.28	19.21
	25RB-High (25)	1775 (132622)	22.48	22.38	21.26	19.25
		1745 (132322)	22.66	22.58	21.22	19.21
		1715 (132022)	22.44	22.49	21.25	19.24
	25RB-Middle (12)	1775 (132622)	22.53	22.43	21.36	19.34
		1745 (132322)	22.41	22.56	21.19	19.18
		1715 (132022)	22.47	22.46	21.25	19.24
	25RB-Low (0)	1775 (132622)	22.38	22.48	21.24	19.23
		1745 (132322)	22.72	22.46	21.17	19.16
		1715 (132022)	22.31	22.39	21.09	19.09
	50RB (0)	1775 (132622)	22.46	22.40	21.33	19.31
		1745 (132322)	22.38	22.49	21.20	19.19
		1715 (132022)	22.44	22.48	21.26	19.25

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15MHz	1RB-High (74)	1772.5 (132597)	22.11	22.30	22.08	19.04
		1745 (132322)	22.26	22.53	22.14	19.09
		1717.5 (132047)	22.29	22.77	22.45	19.35
	1RB-Middle (37)	1772.5 (132597)	22.17	22.50	22.22	19.16
		1745 (132322)	22.29	22.47	22.13	19.08
		1717.5 (132047)	22.25	22.57	22.11	19.06
	1RB-Low (0)	1772.5 (132597)	22.56	22.60	22.08	19.04
		1745 (132322)	22.21	22.45	22.12	19.07
		1717.5 (132047)	22.22	22.64	22.25	19.18
	36RB-High (38)	1772.5 (132597)	22.22	22.31	21.21	19.20
		1745 (132322)	22.43	22.35	21.09	19.09
		1717.5 (132047)	22.33	22.31	21.20	19.19
	36RB-Middle (19)	1772.5 (132597)	22.35	22.26	21.13	19.13
		1745 (132322)	22.37	22.34	21.10	19.10
		1717.5 (132047)	22.27	22.36	21.15	19.15
	36RB-Low (0)	1772.5 (132597)	22.34	22.30	21.16	19.16
		1745 (132322)	22.48	22.28	21.07	19.07
		1717.5 (132047)	22.27	22.26	21.08	19.08
	75RB (0)	1772.5 (132597)	22.23	22.30	21.26	19.25
		1745 (132322)	22.30	22.30	21.05	19.06
		1717.5 (132047)	22.38	22.34	21.12	19.12
20MHz	1RB-High (99)	1770 (132572)	22.14	22.51	22.12	19.07
		1745 (132322)	22.42	22.74	22.46	19.36
		1720 (132072)	22.37	22.48	22.23	19.17
	1RB-Middle (50)	1770 (132572)	22.26	22.34	22.30	19.23
		1745 (132322)	22.30	22.78	22.12	19.07
		1720 (132072)	22.20	22.27	22.40	19.31
	1RB-Low (0)	1770 (132572)	22.38	22.48	22.32	19.24
		1745 (132322)	22.31	22.73	22.36	19.28
		1720 (132072)	22.23	22.40	22.41	19.32
	50RB-High (50)	1770 (132572)	22.26	22.33	21.12	19.12
		1745 (132322)	22.37	22.43	21.21	19.20
		1720 (132072)	22.26	22.35	21.10	19.10
	50RB-Middle (25)	1770 (132572)	22.23	22.30	21.22	19.21
		1745 (132322)	22.39	22.31	21.05	19.06
		1720 (132072)	22.28	22.29	21.17	19.16
	50RB-Low (0)	1770 (132572)	22.26	22.21	20.98	18.99
		1745 (132322)	22.34	22.38	20.95	18.97
		1720 (132072)	22.20	22.32	21.11	19.11
	100RB (0)	1770 (132572)	22.26	22.30	21.19	19.18
		1745 (132322)	22.32	22.34	21.07	19.07
		1720 (132072)	22.32	22.40	21.07	19.07

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LTE Band66(ANT4 DSI 2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	24.36	23.72	22.29	19.24
		1745 (132322)	24.41	23.76	22.33	19.27
		1710.7 (131979)	24.21	23.73	22.42	19.35
	1RB-Middle (3)	1779.3 (132665)	24.23	23.71	22.21	19.17
		1745 (132322)	24.40	23.68	22.32	19.26
		1710.7 (131979)	24.35	23.74	22.29	19.24
	1RB-Low (0)	1779.3 (132665)	24.31	23.66	22.31	19.25
		1745 (132322)	24.37	23.61	22.36	19.30
		1710.7 (131979)	24.30	23.66	22.32	19.26
	3RB-High (3)	1779.3 (132665)	24.29	23.42	22.24	19.19
		1745 (132322)	24.40	23.47	22.18	19.14
		1710.7 (131979)	24.36	23.55	22.29	19.24
	3RB-Middle (1)	1779.3 (132665)	24.27	23.40	22.32	19.26
		1745 (132322)	24.44	23.65	22.33	19.27
		1710.7 (131979)	24.31	23.57	22.28	19.23
	3RB-Low (0)	1779.3 (132665)	24.28	23.41	22.25	19.20
		1745 (132322)	24.57	23.77	22.18	19.14
		1710.7 (131979)	24.39	23.59	22.26	19.21
	6RB (0)	1779.3 (132665)	23.35	22.37	21.23	19.24
		1745 (132322)	23.46	22.50	21.26	19.27
		1710.7 (131979)	23.34	22.48	21.28	19.28
3MHz	1RB-High (14)	1778.5 (132657)	24.08	23.58	22.24	19.19
		1745 (132322)	24.33	23.77	22.16	19.12
		1711.5 (131987)	24.22	23.75	22.33	19.27
	1RB-Middle (7)	1778.5 (132657)	24.26	23.68	22.55	19.46
		1745 (132322)	24.52	23.69	22.45	19.37
		1711.5 (131987)	24.35	23.72	22.47	19.39
	1RB-Low (0)	1778.5 (132657)	24.20	23.64	22.30	19.25
		1745 (132322)	24.48	23.75	22.20	19.16
		1711.5 (131987)	24.23	23.65	22.11	19.06
	8RB-High (7)	1778.5 (132657)	23.33	22.39	21.33	19.33
		1745 (132322)	23.52	22.60	21.19	19.20
		1711.5 (131987)	23.46	22.48	21.29	19.29
	8RB-Middle (4)	1778.5 (132657)	23.30	22.47	21.37	19.37
		1745 (132322)	23.52	22.56	21.24	19.25
		1711.5 (131987)	23.43	22.47	21.15	19.17
	8RB-Low (0)	1778.5 (132657)	23.37	22.43	21.31	19.31
		1745 (132322)	23.41	22.38	21.24	19.25
		1711.5 (131987)	23.42	22.45	21.19	19.20
	15RB (0)	1778.5 (132657)	23.37	22.36	21.22	19.23
		1745 (132322)	23.39	22.41	21.14	19.16
		1711.5 (131987)	23.40	22.39	21.25	19.26

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5MHz	1RB-High (24)	1777.5 (132647)	24.29	23.61	22.28	19.23
		1745 (132322)	24.43	23.76	22.24	19.19
		1712.5 (131997)	24.42	23.70	22.31	19.25
	1RB-Middle (12)	1777.5 (132647)	24.38	23.68	22.48	19.40
		1745 (132322)	24.58	23.59	22.47	19.39
		1712.5 (131997)	24.27	23.79	22.37	19.31
	1RB-Low (0)	1777.5 (132647)	24.19	23.62	22.31	19.25
		1745 (132322)	24.35	23.73	22.25	19.20
		1712.5 (131997)	24.28	23.61	22.31	19.25
	12RB-High (13)	1777.5 (132647)	23.35	22.44	21.29	19.29
		1745 (132322)	23.50	22.51	21.25	19.26
		1712.5 (131997)	23.41	22.38	21.31	19.31
	12RB-Middle (6)	1777.5 (132647)	23.45	22.44	21.44	19.43
		1745 (132322)	23.47	22.46	21.20	19.21
		1712.5 (131997)	23.39	22.50	21.30	19.30
	12RB-Low (0)	1777.5 (132647)	23.37	22.45	21.21	19.22
		1745 (132322)	23.40	22.47	21.13	19.15
		1712.5 (131997)	23.44	22.43	21.28	19.28
	25RB (0)	1777.5 (132647)	23.27	22.23	21.32	19.32
		1745 (132322)	23.39	22.50	21.21	19.22
		1712.5 (131997)	23.35	22.42	21.23	19.24
10MHz	1RB-High (49)	1775 (132622)	24.19	23.69	22.23	19.19
		1745 (132322)	24.41	23.73	22.54	19.45
		1715 (132022)	24.40	23.56	22.43	19.36
	1RB-Middle (24)	1775 (132622)	24.29	23.74	22.39	19.32
		1745 (132322)	24.53	23.80	22.33	19.27
		1715 (132022)	24.44	23.62	22.40	19.33
	1RB-Low (0)	1775 (132622)	24.47	23.67	22.27	19.22
		1745 (132322)	24.46	23.66	22.31	19.25
		1715 (132022)	24.36	23.54	22.28	19.23
	25RB-High (25)	1775 (132622)	23.41	22.41	21.26	19.27
		1745 (132322)	23.54	22.49	21.22	19.23
		1715 (132022)	23.44	22.49	21.25	19.26
	25RB-Middle (12)	1775 (132622)	23.43	22.47	21.36	19.36
		1745 (132322)	23.46	22.47	21.19	19.20
		1715 (132022)	23.47	22.48	21.25	19.26
	25RB-Low (0)	1775 (132622)	23.39	22.40	21.24	19.25
		1745 (132322)	23.43	22.47	21.17	19.18
		1715 (132022)	23.29	22.34	21.09	19.11
	50RB (0)	1775 (132622)	23.39	22.46	21.33	19.33
		1745 (132322)	23.46	22.45	21.20	19.21
		1715 (132022)	23.41	22.39	21.26	19.27

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15MHz	1RB-High (74)	1772.5 (132597)	24.14	23.51	22.08	19.06
		1745 (132322)	24.52	23.72	22.14	19.11
		1717.5 (132047)	24.56	23.75	22.45	19.37
	1RB-Middle (37)	1772.5 (132597)	24.26	23.49	22.22	19.18
		1745 (132322)	24.33	23.68	22.13	19.10
		1717.5 (132047)	24.28	23.35	22.11	19.08
	1RB-Low (0)	1772.5 (132597)	24.25	23.56	22.08	19.06
		1745 (132322)	24.22	23.77	22.12	19.09
		1717.5 (132047)	24.11	23.65	22.25	19.20
	36RB-High (38)	1772.5 (132597)	23.27	22.37	21.21	19.22
		1745 (132322)	23.36	22.46	21.09	19.11
		1717.5 (132047)	23.40	22.39	21.20	19.21
	36RB-Middle (19)	1772.5 (132597)	23.29	22.25	21.13	19.15
		1745 (132322)	23.38	22.31	21.10	19.12
		1717.5 (132047)	23.38	22.36	21.15	19.17
	36RB-Low (0)	1772.5 (132597)	23.22	22.27	21.16	19.18
		1745 (132322)	23.34	22.44	21.07	19.09
		1717.5 (132047)	23.22	22.30	21.08	19.10
	75RB (0)	1772.5 (132597)	23.22	22.28	21.26	19.27
		1745 (132322)	23.35	22.35	21.05	19.08
		1717.5 (132047)	23.35	22.40	21.12	19.14
20MHz	1RB-High (99)	1770 (132572)	24.54	23.23	22.12	19.09
		1745 (132322)	24.36	23.70	22.46	19.38
		1720 (132072)	24.20	23.35	22.23	19.19
	1RB-Middle (50)	1770 (132572)	24.22	23.42	22.30	19.25
		1745 (132322)	24.31	23.51	22.12	19.09
		1720 (132072)	24.15	23.56	22.40	19.33
	1RB-Low (0)	1770 (132572)	24.18	23.50	22.32	19.26
		1745 (132322)	24.35	23.63	22.36	19.30
		1720 (132072)	24.12	23.49	22.41	19.34
	50RB-High (50)	1770 (132572)	23.23	22.24	21.12	19.14
		1745 (132322)	23.36	22.28	21.21	19.22
		1720 (132072)	23.30	22.32	21.10	19.12
	50RB-Middle (25)	1770 (132572)	23.26	22.23	21.22	19.23
		1745 (132322)	23.29	22.30	21.05	19.08
		1720 (132072)	23.31	22.29	21.17	19.18
	50RB-Low (0)	1770 (132572)	23.22	22.29	20.98	19.01
		1745 (132322)	23.30	22.36	20.95	18.99
		1720 (132072)	23.23	22.15	21.11	19.13
	100RB (0)	1770 (132572)	23.31	22.19	21.19	19.20
		1745 (132322)	23.23	22.26	21.07	19.09
		1720 (132072)	23.23	22.32	21.07	19.09

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LTE Band66(ANT4 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	14.72	15.19	14.91	14.90
		1745 (132322)	14.82	15.06	14.76	14.75
		1710.7 (131979)	14.82	14.95	14.80	14.79
	1RB-Middle (3)	1779.3 (132665)	14.82	15.17	14.92	14.91
		1745 (132322)	14.92	15.07	14.95	14.94
		1710.7 (131979)	14.73	15.08	14.74	14.72
	1RB-Low (0)	1779.3 (132665)	14.80	15.04	14.93	14.92
		1745 (132322)	14.79	15.08	14.87	14.86
		1710.7 (131979)	14.82	15.13	14.77	14.76
	3RB-High (3)	1779.3 (132665)	14.82	14.98	14.72	14.71
		1745 (132322)	15.02	15.06	14.69	14.68
		1710.7 (131979)	14.90	15.01	14.66	14.65
	3RB-Middle (1)	1779.3 (132665)	14.81	14.90	14.62	14.61
		1745 (132322)	14.93	15.07	14.58	14.56
		1710.7 (131979)	14.75	15.07	14.63	14.62
	3RB-Low (0)	1779.3 (132665)	14.85	15.04	14.61	14.60
		1745 (132322)	14.96	15.13	14.63	14.62
		1710.7 (131979)	14.85	14.98	14.45	14.44
	6RB (0)	1779.3 (132665)	14.77	14.93	14.71	14.70
		1745 (132322)	14.93	15.07	14.60	14.59
		1710.7 (131979)	14.77	14.94	14.54	14.53
3MHz	1RB-High (14)	1778.5 (132657)	14.75	15.15	14.85	14.84
		1745 (132322)	14.85	15.04	14.89	14.88
		1711.5 (131987)	14.76	15.26	14.87	14.86
	1RB-Middle (7)	1778.5 (132657)	14.89	15.06	14.98	14.97
		1745 (132322)	15.06	15.21	14.90	14.98
		1711.5 (131987)	14.82	15.02	14.84	14.83
	1RB-Low (0)	1778.5 (132657)	14.76	15.17	14.95	14.94
		1745 (132322)	14.82	15.28	14.73	14.72
		1711.5 (131987)	14.80	15.08	14.84	14.83
	8RB-High (7)	1778.5 (132657)	14.84	14.83	14.66	14.65
		1745 (132322)	14.97	15.08	14.68	14.67
		1711.5 (131987)	14.85	15.00	14.65	14.64
	8RB-Middle (4)	1778.5 (132657)	14.87	15.01	14.58	14.57
		1745 (132322)	14.97	15.17	14.66	14.64
		1711.5 (131987)	14.94	15.07	14.61	14.60
	8RB-Low (0)	1778.5 (132657)	14.87	14.84	14.53	14.52
		1745 (132322)	14.92	15.04	14.58	14.57
		1711.5 (131987)	14.87	14.95	14.60	14.59
	15RB (0)	1778.5 (132657)	14.85	14.87	14.56	14.55
		1745 (132322)	14.93	14.90	14.50	14.48
		1711.5 (131987)	14.83	14.87	14.55	14.54

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5MHz	1RB-High (24)	1777.5 (132647)	14.85	15.05	14.84	14.83
		1745 (132322)	14.93	15.30	14.74	14.73
		1712.5 (131997)	14.79	15.21	14.85	14.84
	1RB-Middle (12)	1777.5 (132647)	14.83	15.07	14.92	14.91
		1745 (132322)	15.04	15.03	14.90	14.89
		1712.5 (131997)	14.78	15.04	14.85	14.84
	1RB-Low (0)	1777.5 (132647)	14.81	15.29	14.85	14.84
		1745 (132322)	14.88	15.23	14.82	14.81
		1712.5 (131997)	14.77	15.25	14.81	14.80
	12RB-High (13)	1777.5 (132647)	14.85	15.01	14.60	14.59
		1745 (132322)	14.97	15.07	14.58	14.56
		1712.5 (131997)	14.81	14.91	14.60	14.59
	12RB-Middle (6)	1777.5 (132647)	14.78	14.86	14.56	14.55
		1745 (132322)	14.92	15.04	14.55	14.54
		1712.5 (131997)	14.93	15.00	14.54	14.53
	12RB-Low (0)	1777.5 (132647)	14.82	14.81	14.58	14.56
		1745 (132322)	14.87	15.01	14.55	14.54
		1712.5 (131997)	14.95	14.92	14.54	14.53
	25RB (0)	1777.5 (132647)	14.74	14.86	14.54	14.53
		1745 (132322)	14.82	14.91	14.49	14.47
		1712.5 (131997)	14.83	14.93	14.57	14.56
10MHz	1RB-High (49)	1775 (132622)	14.70	15.27	14.76	14.75
		1745 (132322)	14.93	15.25	14.83	14.99
		1715 (132022)	14.91	15.03	14.92	14.91
	1RB-Middle (24)	1775 (132622)	14.95	15.20	14.79	14.78
		1745 (132322)	15.02	15.08	14.93	14.92
		1715 (132022)	14.80	15.04	14.86	14.85
	1RB-Low (0)	1775 (132622)	14.76	15.07	14.88	14.87
		1745 (132322)	14.85	15.06	14.90	14.89
		1715 (132022)	14.72	15.30	14.82	14.81
	25RB-High (25)	1775 (132622)	14.86	14.97	14.58	14.56
		1745 (132322)	15.04	15.00	14.66	14.65
		1715 (132022)	14.94	14.95	14.58	14.56
	25RB-Middle (12)	1775 (132622)	14.89	14.96	14.58	14.57
		1745 (132322)	14.95	14.91	14.55	14.54
		1715 (132022)	14.88	14.92	14.61	14.60
	25RB-Low (0)	1775 (132622)	14.84	14.87	14.54	14.53
		1745 (132322)	14.89	14.95	14.59	14.58
		1715 (132022)	14.82	14.76	14.49	14.47
	50RB (0)	1775 (132622)	14.88	14.94	14.56	14.55
		1745 (132322)	14.93	14.91	14.54	14.53
		1715 (132022)	14.87	14.95	14.59	14.58

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15MHz	1RB-High (74)	1772.5 (132597)	14.62	15.22	14.82	14.81
		1745 (132322)	14.82	14.93	14.79	14.78
		1717.5 (132047)	14.79	15.11	14.81	14.80
	1RB-Middle (37)	1772.5 (132597)	14.77	14.85	14.85	14.84
		1745 (132322)	14.68	15.02	14.70	14.69
		1717.5 (132047)	14.94	14.93	14.95	14.94
	1RB-Low (0)	1772.5 (132597)	14.68	14.93	14.68	14.67
		1745 (132322)	14.66	15.23	14.74	14.73
		1717.5 (132047)	14.61	14.92	14.56	14.55
	36RB-High (38)	1772.5 (132597)	14.71	14.68	14.60	14.59
		1745 (132322)	14.93	14.87	14.55	14.54
		1717.5 (132047)	14.79	14.79	14.47	14.46
	36RB-Middle (19)	1772.5 (132597)	14.73	14.78	14.45	14.44
		1745 (132322)	14.85	14.79	14.46	14.45
		1717.5 (132047)	14.82	14.77	14.53	14.52
	36RB-Low (0)	1772.5 (132597)	14.70	14.78	14.54	14.53
		1745 (132322)	14.77	14.72	14.54	14.53
		1717.5 (132047)	14.68	14.75	14.44	14.43
	75RB (0)	1772.5 (132597)	14.83	14.74	14.57	14.56
		1745 (132322)	14.85	14.80	14.50	14.48
		1717.5 (132047)	14.76	14.70	14.52	14.51
20MHz	1RB-High (99)	1770 (132572)	14.60	14.97	14.71	14.70
		1745 (132322)	14.84	14.98	14.83	14.81
		1720 (132072)	14.72	14.99	14.77	14.76
	1RB-Middle (50)	1770 (132572)	14.65	14.99	14.73	14.72
		1745 (132322)	14.74	15.17	14.94	14.93
		1720 (132072)	14.77	15.12	14.88	14.91
	1RB-Low (0)	1770 (132572)	14.80	14.93	14.91	14.92
		1745 (132322)	14.81	14.98	14.95	14.85
		1720 (132072)	14.57	14.98	14.89	14.88
	50RB-High (50)	1770 (132572)	14.77	14.79	14.68	14.67
		1745 (132322)	14.92	14.93	14.63	14.62
		1720 (132072)	14.80	14.77	14.60	14.59
	50RB-Middle (25)	1770 (132572)	14.77	14.77	14.73	14.72
		1745 (132322)	14.85	14.79	14.62	14.61
		1720 (132072)	14.78	14.78	14.62	14.61
	50RB-Low (0)	1770 (132572)	14.77	14.76	14.52	14.51
		1745 (132322)	14.77	14.90	14.58	14.57
		1720 (132072)	14.72	14.77	14.54	14.53
	100RB (0)	1770 (132572)	14.73	14.73	14.66	14.65
		1745 (132322)	14.89	14.82	14.61	14.60
		1720 (132072)	14.77	14.82	14.63	14.62

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LTE Band66(ANT4 DSI 12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	22.33	22.66	22.24	19.22
		1745 (132322)	22.52	22.90	22.28	19.25
		1710.7 (131979)	22.58	23.19	22.37	19.33
	1RB-Middle (3)	1779.3 (132665)	22.57	23.11	22.16	19.15
		1745 (132322)	22.55	23.00	22.27	19.24
		1710.7 (131979)	22.57	22.78	22.24	19.22
	1RB-Low (0)	1779.3 (132665)	22.42	23.00	22.26	19.23
		1745 (132322)	22.60	23.06	22.31	19.28
		1710.7 (131979)	22.39	23.00	22.27	19.24
	3RB-High (3)	1779.3 (132665)	22.38	22.60	22.19	19.17
		1745 (132322)	22.59	22.77	22.13	19.12
		1710.7 (131979)	22.60	22.70	22.24	19.22
	3RB-Middle (1)	1779.3 (132665)	22.49	22.58	22.27	19.24
		1745 (132322)	22.55	22.77	22.28	19.25
		1710.7 (131979)	22.55	22.78	22.23	19.21
	3RB-Low (0)	1779.3 (132665)	22.40	22.55	22.20	19.18
		1745 (132322)	22.59	22.72	22.13	19.12
		1710.7 (131979)	22.52	22.74	22.21	19.19
	6RB (0)	1779.3 (132665)	22.43	21.94	21.18	19.22
		1745 (132322)	22.56	22.22	21.21	19.25
		1710.7 (131979)	22.50	22.10	21.23	19.26
3MHz	1RB-High (14)	1778.5 (132657)	22.35	22.69	22.19	19.17
		1745 (132322)	22.47	22.90	22.11	19.10
		1711.5 (131987)	22.53	22.76	22.28	19.25
	1RB-Middle (7)	1778.5 (132657)	22.57	22.77	22.50	19.44
		1745 (132322)	22.58	22.81	22.40	19.35
		1711.5 (131987)	22.56	22.93	22.42	19.37
	1RB-Low (0)	1778.5 (132657)	22.41	22.79	22.25	19.23
		1745 (132322)	22.57	23.21	22.15	19.14
		1711.5 (131987)	22.56	22.75	22.06	19.04
	8RB-High (7)	1778.5 (132657)	22.45	22.02	21.28	19.31
		1745 (132322)	22.71	22.17	21.14	19.18
		1711.5 (131987)	22.66	22.18	21.24	19.27
	8RB-Middle (4)	1778.5 (132657)	22.52	22.12	21.32	19.35
		1745 (132322)	22.65	22.21	21.19	19.23
		1711.5 (131987)	22.62	22.13	21.10	19.15
	8RB-Low (0)	1778.5 (132657)	22.42	22.11	21.26	19.29
		1745 (132322)	22.57	22.28	21.19	19.23
		1711.5 (131987)	22.58	22.23	21.14	19.18
	15RB (0)	1778.5 (132657)	22.50	22.05	21.17	19.21
		1745 (132322)	22.58	22.14	21.09	19.14
		1711.5 (131987)	22.56	22.14	21.20	19.24

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5MHz	1RB-High (24)	1777.5 (132647)	22.47	23.13	22.23	19.21
		1745 (132322)	22.46	22.79	22.19	19.17
		1712.5 (131997)	22.51	22.88	22.26	19.23
	1RB-Middle (12)	1777.5 (132647)	22.76	23.01	22.43	19.38
		1745 (132322)	22.61	23.18	22.42	19.37
		1712.5 (131997)	22.58	23.00	22.32	19.29
	1RB-Low (0)	1777.5 (132647)	22.25	22.70	22.26	19.23
		1745 (132322)	22.49	22.76	22.20	19.18
		1712.5 (131997)	22.50	22.90	22.26	19.23
	12RB-High (13)	1777.5 (132647)	22.44	22.04	21.24	19.27
		1745 (132322)	22.59	22.28	21.20	19.24
		1712.5 (131997)	22.58	22.17	21.26	19.29
	12RB-Middle (6)	1777.5 (132647)	22.50	22.12	21.39	19.41
		1745 (132322)	22.59	22.13	21.15	19.19
		1712.5 (131997)	22.61	22.15	21.25	19.28
	12RB-Low (0)	1777.5 (132647)	22.34	21.93	21.16	19.20
		1745 (132322)	22.54	22.18	21.08	19.13
		1712.5 (131997)	22.60	22.20	21.23	19.26
	25RB (0)	1777.5 (132647)	22.35	21.91	21.27	19.30
		1745 (132322)	22.54	22.08	21.16	19.20
		1712.5 (131997)	22.50	22.16	21.18	19.22
10MHz	1RB-High (49)	1775 (132622)	22.31	22.69	22.18	19.17
		1745 (132322)	22.66	23.09	22.49	19.43
		1715 (132022)	22.53	22.91	22.38	19.34
	1RB-Middle (24)	1775 (132622)	22.53	22.78	22.34	19.30
		1745 (132322)	22.56	23.10	22.28	19.25
		1715 (132022)	22.48	23.09	22.35	19.31
	1RB-Low (0)	1775 (132622)	22.41	22.95	22.22	19.20
		1745 (132322)	22.46	22.92	22.26	19.23
		1715 (132022)	22.43	23.00	22.23	19.21
	25RB-High (25)	1775 (132622)	22.49	21.95	21.21	19.25
		1745 (132322)	22.66	22.17	21.17	19.21
		1715 (132022)	22.54	22.16	21.20	19.24
	25RB-Middle (12)	1775 (132622)	22.50	21.98	21.31	19.34
		1745 (132322)	22.62	22.14	21.14	19.18
		1715 (132022)	22.54	22.17	21.20	19.24
	25RB-Low (0)	1775 (132622)	22.44	21.95	21.19	19.23
		1745 (132322)	22.58	22.05	21.12	19.16
		1715 (132022)	22.47	22.05	21.04	19.09
	50RB (0)	1775 (132622)	22.50	21.97	21.28	19.31
		1745 (132322)	22.52	22.09	21.15	19.19
		1715 (132022)	22.56	22.14	21.21	19.25

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15MHz	1RB-High (74)	1772.5 (132597)	22.42	22.72	22.03	19.04
		1745 (132322)	22.58	22.75	22.09	19.09
		1717.5 (132047)	22.66	23.01	22.40	19.35
	1RB-Middle (37)	1772.5 (132597)	22.31	22.75	22.17	19.16
		1745 (132322)	22.52	22.82	22.08	19.08
		1717.5 (132047)	22.54	22.92	22.06	19.06
	1RB-Low (0)	1772.5 (132597)	22.43	22.80	22.03	19.04
		1745 (132322)	22.59	22.80	22.07	19.07
		1717.5 (132047)	22.52	23.08	22.20	19.18
	36RB-High (38)	1772.5 (132597)	22.51	22.08	21.16	19.20
		1745 (132322)	22.64	22.22	21.04	19.09
		1717.5 (132047)	22.69	22.18	21.15	19.19
	36RB-Middle (19)	1772.5 (132597)	22.46	21.96	21.08	19.13
		1745 (132322)	22.54	22.07	21.05	19.10
		1717.5 (132047)	22.64	22.20	21.10	19.15
	36RB-Low (0)	1772.5 (132597)	22.53	22.02	21.11	19.16
		1745 (132322)	22.49	22.17	21.02	19.07
		1717.5 (132047)	22.56	21.99	21.03	19.08
	75RB (0)	1772.5 (132597)	22.39	21.90	21.21	19.25
		1745 (132322)	22.63	22.15	21.00	19.06
		1717.5 (132047)	22.58	22.12	21.07	19.12
20MHz	1RB-High (99)	1770 (132572)	22.32	22.81	22.07	19.07
		1745 (132322)	22.62	22.71	22.41	19.36
		1720 (132072)	22.61	22.86	22.18	19.17
	1RB-Middle (50)	1770 (132572)	22.32	22.92	22.25	19.23
		1745 (132322)	22.60	22.94	22.07	19.07
		1720 (132072)	22.48	22.71	22.35	19.31
	1RB-Low (0)	1770 (132572)	22.58	23.17	22.27	19.24
		1745 (132322)	22.68	23.02	22.31	19.28
		1720 (132072)	22.64	22.75	22.36	19.32
	50RB-High (50)	1770 (132572)	22.48	22.12	21.07	19.12
		1745 (132322)	22.73	22.16	21.16	19.20
		1720 (132072)	22.64	22.16	21.05	19.10
	50RB-Middle (25)	1770 (132572)	22.64	22.14	21.17	19.21
		1745 (132322)	22.64	22.11	21.00	19.06
		1720 (132072)	22.66	22.20	21.12	19.16
	50RB-Low (0)	1770 (132572)	22.59	22.11	20.93	18.99
		1745 (132322)	22.69	22.16	20.90	18.97
		1720 (132072)	22.59	22.16	21.06	19.11
	100RB (0)	1770 (132572)	22.51	22.10	21.14	19.18
		1745 (132322)	22.54	22.10	21.02	19.07
		1720 (132072)	22.63	22.17	21.02	19.07

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LTE Band66(ANT5 DSI 1/2)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	21.93	22.27	21.24	18.39
		1745 (132322)	21.79	22.30	21.27	18.41
		1710.7 (131979)	21.69	22.21	21.18	18.34
	1RB-Middle (3)	1779.3 (132665)	22.02	22.55	21.51	18.62
		1745 (132322)	21.86	22.24	21.21	18.36
		1710.7 (131979)	21.92	22.42	21.39	18.51
	1RB-Low (0)	1779.3 (132665)	21.85	22.16	21.14	18.29
		1745 (132322)	21.70	22.25	21.22	18.37
		1710.7 (131979)	21.67	22.26	21.23	18.38
	3RB-High (3)	1779.3 (132665)	22.06	22.25	21.16	19.08
		1745 (132322)	21.87	21.98	20.90	18.85
		1710.7 (131979)	21.90	21.98	20.90	18.85
	3RB-Middle (1)	1779.3 (132665)	22.04	22.27	21.18	19.10
		1745 (132322)	21.76	21.81	20.74	18.71
		1710.7 (131979)	21.81	22.04	20.96	18.90
	3RB-Low (0)	1779.3 (132665)	21.99	22.06	20.98	18.92
		1745 (132322)	21.90	21.97	20.89	18.84
		1710.7 (131979)	21.79	21.93	20.86	18.81
	6RB (0)	1779.3 (132665)	22.04	21.21	20.17	18.19
		1745 (132322)	21.81	21.08	20.05	18.08
		1710.7 (131979)	21.75	20.87	19.85	17.90
3MHz	1RB-High (14)	1778.5 (132657)	22.10	22.47	21.43	18.55
		1745 (132322)	21.80	22.11	21.09	18.25
		1711.5 (131987)	21.94	22.00	20.98	18.16
	1RB-Middle (7)	1778.5 (132657)	22.06	22.43	21.39	18.52
		1745 (132322)	21.76	22.33	21.30	18.43
		1711.5 (131987)	21.77	22.01	20.99	18.17
	1RB-Low (0)	1778.5 (132657)	21.91	22.30	21.27	18.41
		1745 (132322)	21.74	21.99	20.97	18.15
		1711.5 (131987)	21.67	22.19	21.17	18.32
	8RB-High (7)	1778.5 (132657)	22.08	21.19	20.15	18.18
		1745 (132322)	21.81	21.00	19.97	18.01
		1711.5 (131987)	21.86	20.99	19.96	18.00
	8RB-Middle (4)	1778.5 (132657)	22.08	21.26	20.22	18.24
		1745 (132322)	21.87	20.98	19.95	18.00
		1711.5 (131987)	21.87	20.99	19.96	18.00
	8RB-Low (0)	1778.5 (132657)	22.04	21.24	20.20	18.22
		1745 (132322)	21.78	20.94	19.91	17.96
		1711.5 (131987)	21.83	21.03	20.00	18.04
	15RB (0)	1778.5 (132657)	21.98	21.17	20.13	18.16
		1745 (132322)	21.75	20.92	19.90	17.94
		1711.5 (131987)	21.75	20.98	19.95	18.00

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5MHz	1RB-High (24)	1777.5 (132647)	21.93	22.46	21.42	18.54
		1745 (132322)	21.88	22.33	21.30	18.43
		1712.5 (131997)	21.69	22.07	21.05	18.22
	1RB-Middle (12)	1777.5 (132647)	22.10	22.43	21.39	18.52
		1745 (132322)	21.83	22.60	21.56	18.66
		1712.5 (131997)	21.80	22.32	21.29	18.43
	1RB-Low (0)	1777.5 (132647)	21.87	22.52	21.48	18.59
		1745 (132322)	21.75	22.05	21.03	18.20
		1712.5 (131997)	21.71	22.29	21.26	18.40
	12RB-High (13)	1777.5 (132647)	22.07	21.21	20.17	18.19
		1745 (132322)	21.84	20.94	19.91	17.96
		1712.5 (131997)	21.89	21.02	19.99	18.03
	12RB-Middle (6)	1777.5 (132647)	22.09	21.25	20.21	18.23
		1745 (132322)	21.81	20.89	19.87	17.92
		1712.5 (131997)	21.92	21.03	20.00	18.04
	12RB-Low (0)	1777.5 (132647)	21.96	21.20	20.16	18.18
		1745 (132322)	21.78	20.93	19.90	17.95
		1712.5 (131997)	21.86	21.02	19.99	18.03
	25RB (0)	1777.5 (132647)	21.99	21.13	20.10	18.12
		1745 (132322)	21.78	20.90	19.88	17.93
		1712.5 (131997)	21.87	20.97	19.94	17.99
10MHz	1RB-High (49)	1775 (132622)	22.04	22.52	21.48	18.59
		1745 (132322)	21.78	22.18	21.16	18.31
		1715 (132022)	21.84	22.05	21.03	18.20
	1RB-Middle (24)	1775 (132622)	22.07	22.25	21.22	18.37
		1745 (132322)	21.83	22.13	21.11	18.27
		1715 (132022)	21.86	22.31	21.28	18.42
	1RB-Low (0)	1775 (132622)	22.07	22.37	21.34	18.47
		1745 (132322)	21.71	22.13	21.11	18.27
		1715 (132022)	21.90	22.18	21.16	18.31
	25RB-High (25)	1775 (132622)	22.19	21.18	20.14	18.17
		1745 (132322)	21.94	20.97	19.94	17.99
		1715 (132022)	21.89	21.04	20.01	18.05
	25RB-Middle (12)	1775 (132622)	22.15	21.24	20.20	18.22
		1745 (132322)	21.97	20.90	19.88	17.93
		1715 (132022)	21.98	21.06	20.03	18.06
	25RB-Low (0)	1775 (132622)	22.06	21.19	20.15	18.18
		1745 (132322)	21.82	20.93	19.90	17.95
		1715 (132022)	21.85	20.91	19.89	17.94
	50RB (0)	1775 (132622)	22.12	21.15	20.11	18.14
		1745 (132322)	21.90	20.86	19.84	17.89
		1715 (132022)	21.95	21.01	19.98	18.02

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15MHz	1RB-High (74)	1772.5 (132597)	22.00	22.04	21.02	18.20
		1745 (132322)	21.93	22.08	21.06	18.23
		1717.5 (132047)	21.65	22.00	20.98	18.16
	1RB-Middle (37)	1772.5 (132597)	21.94	21.66	20.66	17.88
		1745 (132322)	21.76	21.88	20.87	18.06
		1717.5 (132047)	22.02	21.97	20.96	18.14
	1RB-Low (0)	1772.5 (132597)	21.92	21.85	20.84	18.04
		1745 (132322)	21.87	22.00	20.98	18.16
		1717.5 (132047)	21.76	22.12	21.10	18.26
	36RB-High (38)	1772.5 (132597)	22.13	21.13	20.10	18.12
		1745 (132322)	21.90	21.01	19.98	18.02
		1717.5 (132047)	21.84	20.93	19.90	17.95
	36RB-Middle (19)	1772.5 (132597)	21.92	20.99	19.96	18.00
		1745 (132322)	21.81	20.88	19.86	17.91
		1717.5 (132047)	21.92	20.91	19.89	17.94
	36RB-Low (0)	1772.5 (132597)	21.99	21.00	19.97	18.01
		1745 (132322)	21.77	20.83	19.81	17.87
		1717.5 (132047)	21.82	20.96	19.93	17.98
	75RB (0)	1772.5 (132597)	22.00	21.14	20.10	18.13
		1745 (132322)	21.81	20.91	19.89	17.94
		1717.5 (132047)	21.83	20.90	19.88	17.93
20MHz	1RB-High (99)	1770 (132572)	22.28	22.59	21.55	18.65
		1745 (132322)	22.31	22.52	21.77	18.84
		1720 (132072)	22.26	22.69	21.64	18.73
	1RB-Middle (50)	1770 (132572)	22.10	22.56	21.52	18.62
		1745 (132322)	22.28	22.64	21.59	18.71
		1720 (132072)	22.00	22.44	21.40	18.53
	1RB-Low (0)	1770 (132572)	22.03	22.40	21.37	18.49
		1745 (132322)	22.21	22.53	21.49	18.60
		1720 (132072)	22.15	22.69	21.64	18.73
	50RB-High (50)	1770 (132572)	22.43	21.52	20.47	18.46
		1745 (132322)	22.42	21.50	20.45	18.44
		1720 (132072)	22.40	21.43	20.38	18.38
	50RB-Middle (25)	1770 (132572)	22.38	21.55	20.49	18.48
		1745 (132322)	22.35	21.45	20.40	18.40
		1720 (132072)	22.22	21.34	20.29	18.30
	50RB-Low (0)	1770 (132572)	22.33	21.31	20.27	18.28
		1745 (132322)	22.33	21.44	20.39	18.39
		1720 (132072)	22.12	21.31	20.27	18.28
	100RB (0)	1770 (132572)	22.33	21.51	20.46	18.45
		1745 (132322)	22.38	21.46	20.41	18.41
		1720 (132072)	22.26	21.38	20.33	18.34

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LTE Band66(ANT5 DSI 5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	23.35	22.81	22.01	18.62
		1745 (132322)	23.35	22.87	22.07	18.67
		1710.7 (131979)	23.26	22.68	21.89	18.51
	1RB-Middle (3)	1779.3 (132665)	23.40	22.64	21.54	19.05
		1745 (132322)	23.52	22.57	21.78	18.42
		1710.7 (131979)	23.35	22.95	21.63	18.22
	1RB-Low (0)	1779.3 (132665)	23.41	22.93	21.63	18.22
		1745 (132322)	23.45	22.93	21.36	17.99
		1710.7 (131979)	23.29	22.65	21.36	17.99
	3RB-High (3)	1779.3 (132665)	23.38	22.65	21.86	18.49
		1745 (132322)	23.48	22.55	21.76	18.41
		1710.7 (131979)	23.47	22.48	21.69	18.35
	3RB-Middle (1)	1779.3 (132665)	23.45	22.64	21.85	18.48
		1745 (132322)	23.38	22.78	21.98	18.59
		1710.7 (131979)	23.40	22.49	21.70	18.36
	3RB-Low (0)	1779.3 (132665)	23.45	22.85	22.05	18.65
		1745 (132322)	23.52	22.58	21.79	18.43
		1710.7 (131979)	23.32	22.55	21.76	18.41
	6RB (0)	1779.3 (132665)	22.40	21.53	20.78	18.57
		1745 (132322)	22.39	21.56	20.80	18.60
		1710.7 (131979)	22.36	21.40	20.65	18.47
3MHz	1RB-High (14)	1778.5 (132657)	23.38	22.87	22.07	18.67
		1745 (132322)	23.32	22.75	21.95	18.57
		1711.5 (131987)	23.20	22.74	21.94	18.56
	1RB-Middle (7)	1778.5 (132657)	23.47	22.84	22.04	18.64
		1745 (132322)	23.42	22.72	21.92	18.55
		1711.5 (131987)	23.32	22.59	21.80	18.44
	1RB-Low (0)	1778.5 (132657)	23.37	22.76	21.96	18.58
		1745 (132322)	23.28	22.92	21.64	18.71
		1711.5 (131987)	23.28	22.51	21.72	18.37
	8RB-High (7)	1778.5 (132657)	22.55	21.62	20.86	18.65
		1745 (132322)	22.46	21.62	20.86	18.65
		1711.5 (131987)	22.36	21.54	20.79	18.58
	8RB-Middle (4)	1778.5 (132657)	22.49	21.58	20.82	18.61
		1745 (132322)	22.48	21.66	20.90	18.68
		1711.5 (131987)	22.40	21.47	20.72	18.53
	8RB-Low (0)	1778.5 (132657)	22.42	21.64	20.88	18.66
		1745 (132322)	22.36	21.52	20.77	18.57
		1711.5 (131987)	22.34	21.41	20.66	18.48
	15RB (0)	1778.5 (132657)	22.29	21.50	20.75	18.55
		1745 (132322)	22.33	21.42	20.67	18.48
		1711.5 (131987)	22.37	21.39	20.64	18.46

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5MHz	1RB-High (24)	1777.5 (132647)	23.46	22.75	21.95	18.57
		1745 (132322)	23.39	22.77	21.97	18.59
		1712.5 (131997)	23.29	22.47	21.68	18.34
	1RB-Middle (12)	1777.5 (132647)	23.37	23.07	21.86	18.83
		1745 (132322)	23.41	22.74	21.94	18.56
		1712.5 (131997)	23.30	22.88	22.08	18.68
	1RB-Low (0)	1777.5 (132647)	23.38	22.73	21.93	18.55
		1745 (132322)	23.28	22.57	21.78	18.42
		1712.5 (131997)	23.30	22.57	21.78	18.42
	12RB-High (13)	1777.5 (132647)	22.47	21.54	20.79	18.58
		1745 (132322)	22.46	21.54	20.79	18.58
		1712.5 (131997)	22.39	21.50	20.75	18.55
	12RB-Middle (6)	1777.5 (132647)	22.47	21.48	20.73	18.53
		1745 (132322)	22.46	21.60	20.84	18.63
		1712.5 (131997)	22.42	21.47	20.72	18.53
	12RB-Low (0)	1777.5 (132647)	22.43	21.45	20.70	18.51
		1745 (132322)	22.40	21.47	20.72	18.53
		1712.5 (131997)	22.43	21.47	20.72	18.53
	25RB (0)	1777.5 (132647)	22.44	21.50	20.75	18.55
		1745 (132322)	22.38	21.43	20.68	18.49
		1712.5 (131997)	22.36	21.44	20.69	18.50
10MHz	1RB-High (49)	1775 (132622)	23.40	21.48	20.73	17.53
		1745 (132322)	23.26	22.86	22.06	18.66
		1715 (132022)	22.13	22.68	21.89	18.51
	1RB-Middle (24)	1775 (132622)	23.50	21.92	21.15	17.89
		1745 (132322)	23.49	22.89	22.09	18.68
		1715 (132022)	22.46	22.49	21.70	18.36
	1RB-Low (0)	1775 (132622)	23.34	22.74	21.94	18.56
		1745 (132322)	23.34	22.69	21.89	18.52
		1715 (132022)	23.18	22.72	21.92	18.55
	25RB-High (25)	1775 (132622)	22.49	21.63	20.87	18.66
		1745 (132322)	22.59	21.52	20.77	18.57
		1715 (132022)	22.41	21.38	20.63	18.45
	25RB-Middle (12)	1775 (132622)	22.42	21.60	20.84	18.63
		1745 (132322)	22.46	21.45	20.70	18.51
		1715 (132022)	22.42	21.44	20.69	18.50
	25RB-Low (0)	1775 (132622)	22.37	21.45	20.70	18.51
		1745 (132322)	22.39	21.45	20.70	18.51
		1715 (132022)	22.28	21.39	20.64	18.46
	50RB (0)	1775 (132622)	22.45	21.59	20.83	18.62
		1745 (132322)	22.35	21.52	20.77	18.57
		1715 (132022)	22.32	21.38	20.63	18.45

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15MHz	1RB-High (74)	1772.5 (132597)	23.24	21.90	21.13	17.88
		1745 (132322)	23.42	22.62	21.83	18.46
		1717.5 (132047)	23.30	22.52	21.73	18.38
	1RB-Middle (37)	1772.5 (132597)	23.19	22.79	21.99	18.60
		1745 (132322)	23.23	22.56	21.77	18.41
		1717.5 (132047)	23.10	22.29	21.51	18.19
	1RB-Low (0)	1772.5 (132597)	23.27	22.66	21.87	18.50
		1745 (132322)	23.20	22.45	21.66	18.33
		1717.5 (132047)	23.01	22.48	21.69	18.35
	36RB-High (38)	1772.5 (132597)	22.41	21.48	20.73	18.53
		1745 (132322)	22.42	21.34	20.59	18.42
		1717.5 (132047)	22.28	21.24	20.50	18.34
	36RB-Middle (19)	1772.5 (132597)	22.34	21.49	20.74	18.54
		1745 (132322)	22.35	21.37	20.62	18.44
		1717.5 (132047)	22.22	21.26	20.52	18.35
	36RB-Low (0)	1772.5 (132597)	22.28	21.35	20.60	18.43
		1745 (132322)	22.29	21.30	20.55	18.39
		1717.5 (132047)	22.15	21.23	20.49	18.33
	75RB (0)	1772.5 (132597)	22.28	21.41	20.66	18.48
		1745 (132322)	22.27	21.32	20.57	18.40
		1717.5 (132047)	22.23	21.25	20.51	18.35
20MHz	1RB-High (99)	1770 (132572)	23.28	22.72	21.38	18.11
		1745 (132322)	23.55	22.27	21.49	18.18
		1720 (132072)	23.16	22.51	21.72	18.37
	1RB-Middle (50)	1770 (132572)	23.42	22.03	21.26	17.98
		1745 (132322)	23.24	22.69	21.89	18.52
		1720 (132072)	23.13	22.30	21.52	18.20
	1RB-Low (0)	1770 (132572)	23.37	21.49	20.74	17.54
		1745 (132322)	23.07	22.26	21.48	18.17
		1720 (132072)	23.12	22.25	21.47	18.16
	50RB-High (50)	1770 (132572)	22.49	21.51	20.76	18.56
		1745 (132322)	22.43	21.44	20.69	18.50
		1720 (132072)	22.25	21.34	20.59	18.42
	50RB-Middle (25)	1770 (132572)	22.40	21.41	20.66	18.48
		1745 (132322)	22.30	21.41	20.66	18.48
		1720 (132072)	22.25	21.26	20.52	18.35
	50RB-Low (0)	1770 (132572)	22.32	21.37	20.62	18.44
		1745 (132322)	22.23	21.27	20.52	18.36
		1720 (132072)	22.23	21.22	20.48	18.32
	100RB (0)	1770 (132572)	21.93	20.91	20.18	18.07
		1745 (132322)	22.25	21.28	20.53	18.37
		1720 (132072)	22.23	21.30	20.55	18.39

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LTE Band66(ANT5 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	12.57	12.62	12.17	12.20
		1745 (132322)	12.33	12.80	12.70	12.56
		1710.7 (131979)	12.32	12.69	12.59	12.55
	1RB-Middle (3)	1779.3 (132665)	12.65	12.70	12.25	12.29
		1745 (132322)	12.38	12.69	12.59	12.61
		1710.7 (131979)	12.31	12.60	12.15	12.54
	1RB-Low (0)	1779.3 (132665)	12.57	12.70	12.35	12.20
		1745 (132322)	12.32	12.64	12.19	12.55
		1710.7 (131979)	12.30	12.74	12.29	12.53
	3RB-High (3)	1779.3 (132665)	12.59	12.56	12.11	12.22
		1745 (132322)	12.43	12.47	12.38	12.66
		1710.7 (131979)	12.41	12.45	12.36	12.64
	3RB-Middle (1)	1779.3 (132665)	12.57	12.58	12.13	12.20
		1745 (132322)	12.35	12.58	12.48	12.58
		1710.7 (131979)	12.31	12.54	12.45	12.54
	3RB-Low (0)	1779.3 (132665)	12.60	12.74	12.64	12.23
		1745 (132322)	12.43	12.48	12.39	12.66
		1710.7 (131979)	12.42	12.58	12.48	12.65
	6RB (0)	1779.3 (132665)	12.65	12.66	12.56	12.29
		1745 (132322)	12.35	12.40	12.31	12.58
		1710.7 (131979)	12.42	12.49	12.40	12.65
3MHz	1RB-High (14)	1778.5 (132657)	12.48	12.60	12.15	12.11
		1745 (132322)	12.32	12.61	12.51	12.55
		1711.5 (131987)	12.32	12.62	12.52	12.55
	1RB-Middle (7)	1778.5 (132657)	12.63	12.75	12.30	12.27
		1745 (132322)	12.30	12.66	12.21	12.53
		1711.5 (131987)	12.46	12.71	12.61	12.69
	1RB-Low (0)	1778.5 (132657)	12.51	12.62	12.17	12.14
		1745 (132322)	12.24	12.60	12.50	12.47
		1711.5 (131987)	12.35	12.76	12.66	12.58
	8RB-High (7)	1778.5 (132657)	12.66	12.80	12.70	12.30
		1745 (132322)	12.38	12.49	12.40	12.61
		1711.5 (131987)	12.38	12.46	12.37	12.61
	8RB-Middle (4)	1778.5 (132657)	12.70	12.76	12.66	12.34
		1745 (132322)	12.41	12.54	12.45	12.64
		1711.5 (131987)	12.46	12.54	12.45	12.69
	8RB-Low (0)	1778.5 (132657)	12.63	12.73	12.63	12.27
		1745 (132322)	12.41	12.43	12.34	12.64
		1711.5 (131987)	12.44	12.51	12.42	12.67
	15RB (0)	1778.5 (132657)	12.70	12.67	12.57	12.34
		1745 (132322)	12.40	12.34	12.25	12.63
		1711.5 (131987)	12.36	12.43	12.34	12.59

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5MHz	1RB-High (24)	1777.5 (132647)	12.56	12.72	12.27	12.19
		1745 (132322)	12.35	12.66	12.21	12.58
		1712.5 (131997)	12.31	12.76	12.66	12.54
	1RB-Middle (12)	1777.5 (132647)	12.69	12.71	12.26	12.33
		1745 (132322)	12.43	12.72	12.62	12.66
		1712.5 (131997)	12.45	12.63	12.18	12.68
	1RB-Low (0)	1777.5 (132647)	12.53	12.82	12.37	12.16
		1745 (132322)	12.20	12.72	12.62	12.43
		1712.5 (131997)	12.39	12.53	12.44	12.62
	12RB-High (13)	1777.5 (132647)	12.71	12.64	12.54	12.35
		1745 (132322)	12.47	12.41	12.32	12.70
		1712.5 (131997)	12.39	12.44	12.35	12.62
	12RB-Middle (6)	1777.5 (132647)	12.66	12.71	12.61	12.30
		1745 (132322)	12.32	12.36	12.27	12.55
		1712.5 (131997)	12.45	12.52	12.43	12.68
	12RB-Low (0)	1777.5 (132647)	12.55	12.57	12.47	12.18
		1745 (132322)	12.34	12.33	12.24	12.57
		1712.5 (131997)	12.44	12.48	12.39	12.67
	25RB (0)	1777.5 (132647)	12.53	12.55	12.46	12.16
		1745 (132322)	12.36	12.34	12.25	12.59
		1712.5 (131997)	12.43	12.35	12.26	12.66
10MHz	1RB-High (49)	1775 (132622)	12.70	12.70	12.35	12.34
		1745 (132322)	12.43	12.57	12.12	12.66
		1715 (132022)	12.27	12.77	12.67	12.50
	1RB-Middle (24)	1775 (132622)	12.68	12.67	12.22	12.32
		1745 (132322)	12.37	12.62	12.52	12.60
		1715 (132022)	12.37	12.80	12.70	12.60
	1RB-Low (0)	1775 (132622)	12.53	12.72	12.17	12.16
		1745 (132322)	12.38	12.74	12.64	12.61
		1715 (132022)	12.37	12.77	12.67	12.60
	25RB-High (25)	1775 (132622)	12.63	12.68	12.58	12.27
		1745 (132322)	12.47	12.45	12.36	12.70
		1715 (132022)	12.39	12.46	12.37	12.62
	25RB-Middle (12)	1775 (132622)	12.67	12.69	12.59	12.31
		1745 (132322)	12.42	12.47	12.38	12.65
		1715 (132022)	12.42	12.39	12.30	12.65
	25RB-Low (0)	1775 (132622)	12.49	12.54	12.45	12.12
		1745 (132322)	12.29	12.31	12.22	12.52
		1715 (132022)	12.41	12.38	12.29	12.64
	50RB (0)	1775 (132622)	12.59	12.62	12.52	12.22
		1745 (132322)	12.32	12.30	12.21	12.55
		1715 (132022)	12.36	12.41	12.32	12.59

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15MHz	1RB-High (74)	1772.5 (132597)	12.42	12.70	12.60	12.65
		1745 (132322)	12.23	12.52	12.43	12.46
		1717.5 (132047)	12.19	12.53	12.44	12.42
	1RB-Middle (37)	1772.5 (132597)	12.46	12.62	12.17	12.69
		1745 (132322)	12.27	12.37	12.28	12.50
		1717.5 (132047)	12.10	12.32	12.23	12.33
	1RB-Low (0)	1772.5 (132597)	12.67	12.57	12.47	12.31
		1745 (132322)	12.23	12.44	12.35	12.46
		1717.5 (132047)	12.16	12.54	12.45	12.39
	36RB-High (38)	1772.5 (132597)	12.52	12.54	12.45	12.15
		1745 (132322)	12.35	12.36	12.27	12.58
		1717.5 (132047)	12.26	12.27	12.18	12.49
	36RB-Middle (19)	1772.5 (132597)	12.56	12.50	12.41	12.19
		1745 (132322)	12.25	12.25	12.16	12.48
		1717.5 (132047)	12.33	12.34	12.25	12.56
	36RB-Low (0)	1772.5 (132597)	12.41	12.44	12.35	12.64
		1745 (132322)	12.18	12.27	12.18	12.41
		1717.5 (132047)	12.28	12.29	12.20	12.51
	75RB (0)	1772.5 (132597)	12.43	12.45	12.36	12.66
		1745 (132322)	12.23	12.28	12.19	12.46
		1717.5 (132047)	12.28	12.38	12.29	12.51
20MHz	1RB-High (99)	1770 (132572)	12.38	12.73	12.18	12.28
		1745 (132322)	12.26	12.57	12.41	12.34
		1720 (132072)	12.15	12.34	12.55	12.16
	1RB-Middle (50)	1770 (132572)	12.38	12.71	12.37	12.12
		1745 (132322)	12.08	12.55	12.22	12.42
		1720 (132072)	12.18	12.40	12.39	12.37
	1RB-Low (0)	1770 (132572)	12.20	12.46	12.40	12.47
		1745 (132322)	12.09	12.37	12.23	12.22
		1720 (132072)	12.12	12.60	12.44	12.14
	50RB-High (50)	1770 (132572)	12.40	12.48	12.29	12.40
		1745 (132322)	12.36	12.39	12.38	12.43
		1720 (132072)	12.23	12.22	12.26	12.25
	50RB-Middle (25)	1770 (132572)	12.42	12.42	12.31	12.20
		1745 (132322)	12.18	12.21	12.29	12.36
		1720 (132072)	12.29	12.31	12.16	12.25
	50RB-Low (0)	1770 (132572)	12.38	12.36	12.29	12.38
		1745 (132322)	12.23	12.16	12.28	12.27
		1720 (132072)	12.20	12.20	12.11	12.13
	100RB (0)	1770 (132572)	12.39	12.48	12.28	12.30
		1745 (132322)	12.25	12.19	12.20	12.31
		1720 (132072)	12.26	12.17	12.23	12.24

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LTE Band71(ANT0 DSI 1/2/5/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	695.5 (133447)	23.96	23.28	22.39	19.11
		680.5 (133297)	24.05	23.35	22.32	19.05
		665.5 (133147)	24.10	23.35	22.50	19.21
	1RB-Middle (12)	695.5 (133447)	24.10	23.34	22.38	19.10
		680.5 (133297)	24.18	23.53	22.26	19.00
		665.5 (133147)	24.18	23.40	22.51	19.21
	1RB-Low (0)	695.5 (133447)	24.06	23.32	22.31	19.04
		680.5 (133297)	24.12	23.46	22.34	19.07
		665.5 (133147)	23.49	22.65	21.54	18.39
	12RB-High (13)	695.5 (133447)	23.10	22.14	21.17	19.04
		680.5 (133297)	23.16	22.28	21.23	19.09
		665.5 (133147)	23.29	22.33	21.30	19.16
	12RB-Middle (6)	695.5 (133447)	23.07	22.09	21.28	19.14
		680.5 (133297)	23.11	22.26	21.20	19.07
		665.5 (133147)	23.25	22.41	21.35	19.20
	12RB-Low (0)	695.5 (133447)	23.10	22.07	21.15	19.02
		680.5 (133297)	23.14	22.11	21.24	19.10
		665.5 (133147)	23.21	22.18	21.31	19.16
	25RB (0)	695.5 (133447)	23.01	21.97	21.04	18.92
		680.5 (133297)	23.18	22.16	21.23	19.09
		665.5 (133147)	23.24	22.25	21.29	19.15
10MHz	1RB-High (49)	693 (132422)	24.05	23.47	22.20	18.95
		680.5 (133297)	23.99	23.47	22.25	18.99
		668 (133172)	22.80	22.20	21.10	18.01
	1RB-Middle (24)	693 (132422)	24.07	23.47	22.30	19.03
		680.5 (133297)	24.13	23.56	22.57	19.26
		668 (133172)	23.78	23.17	22.40	19.12
	1RB-Low (0)	693 (132422)	23.47	22.86	21.81	18.62
		680.5 (133297)	24.30	23.51	21.72	18.54
		668 (133172)	23.78	23.18	21.77	18.58
	25RB-High (25)	693 (132422)	23.11	22.07	21.11	18.99
		680.5 (133297)	23.22	22.24	21.22	19.08
		668 (133172)	22.09	21.44	20.81	18.72
	25RB-Middle (12)	693 (132422)	23.11	22.13	21.18	19.05
		680.5 (133297)	23.08	22.21	21.19	19.06
		668 (133172)	23.18	22.27	21.33	19.18
	25RB-Low (0)	693 (132422)	23.13	22.15	21.15	19.02
		680.5 (133297)	23.17	22.22	21.24	19.10
		668 (133172)	23.22	22.34	21.23	19.09
	50RB (0)	693 (132422)	23.09	22.10	21.17	19.04
		680.5 (133297)	23.08	22.05	21.27	19.13
		668 (133172)	23.36	22.05	21.30	19.16

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15MHz	1RB-High (74)	690.5 (133397)	23.86	22.99	22.12	18.88
		680.5 (133297)	23.38	23.06	21.86	18.66
		670.5 (133197)	23.97	23.46	22.20	18.95
	1RB-Middle (37)	690.5 (133397)	23.69	23.10	22.04	18.81
		680.5 (133297)	23.99	23.19	22.18	18.93
		670.5 (133197)	22.81	22.79	21.23	18.12
	1RB-Low (0)	690.5 (133397)	23.98	23.18	22.09	18.86
		680.5 (133297)	23.75	23.05	21.97	18.75
		670.5 (133197)	24.16	23.38	22.15	18.91
	36RB-High (38)	690.5 (133397)	22.97	21.98	20.98	18.87
		680.5 (133297)	23.00	22.05	21.16	19.03
		670.5 (133197)	23.06	22.07	21.11	18.99
	36RB-Middle (19)	690.5 (133397)	22.97	21.93	21.05	18.93
		680.5 (133297)	23.06	21.98	21.04	18.92
		670.5 (133197)	22.65	21.76	20.90	18.80
	36RB-Low (0)	690.5 (133397)	23.04	22.08	21.08	18.96
		680.5 (133297)	23.10	22.07	21.13	19.00
		670.5 (133197)	23.18	22.15	21.23	19.09
	75RB (0)	690.5 (133397)	23.05	22.01	20.91	18.81
		680.5 (133297)	22.99	22.04	21.20	19.07
		670.5 (133197)	23.25	22.16	21.35	19.20
20MHz	1RB-High (99)	688 (133372)	24.04	23.38	21.92	18.71
		683 (133322)	23.84	23.36	22.00	18.78
		673 (133222)	23.82	23.29	22.48	19.19
	1RB-Middle (50)	688 (133372)	23.35	22.22	21.82	18.62
		683 (133322)	23.91	23.37	22.08	18.85
		673 (133222)	23.16	22.63	21.45	18.31
	1RB-Low (0)	688 (133372)	24.05	22.84	22.38	19.10
		683 (133322)	23.97	23.49	22.36	19.09
		673 (133222)	24.37	23.56	22.33	19.06
	50RB-High (50)	688 (133372)	22.91	21.98	21.05	18.93
		683 (133322)	23.05	21.94	21.05	18.93
		673 (133222)	22.98	21.98	21.17	19.04
	50RB-Middle (25)	688 (133372)	22.96	22.02	21.12	18.99
		683 (133322)	23.04	22.04	21.10	18.98
		673 (133222)	22.89	22.22	21.25	19.11
	50RB-Low (0)	688 (133372)	23.06	22.07	21.06	18.94
		683 (133322)	22.98	22.13	21.12	18.99
		673 (133222)	23.10	22.09	21.26	19.12
	100RB (0)	688 (133372)	23.07	21.99	21.13	19.00
		683 (133322)	23.13	22.11	21.01	18.90
		673 (133222)	22.87	22.15	21.27	19.13

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LTE Band71(ANT0 DSI 11/12)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	695.5 (133447)	16.16	16.59	16.51	16.47
		680.5 (133297)	16.27	16.63	16.50	16.46
		665.5 (133147)	16.34	16.29	16.42	16.38
	1RB-Middle (12)	695.5 (133447)	16.30	16.64	16.49	16.45
		680.5 (133297)	16.40	16.33	16.49	16.45
		665.5 (133147)	16.35	16.48	16.34	16.30
	1RB-Low (0)	695.5 (133447)	16.10	16.45	16.65	16.61
		680.5 (133297)	16.25	16.41	16.38	16.34
		665.5 (133147)	16.34	16.32	16.52	16.48
	12RB-High (13)	695.5 (133447)	16.25	16.30	16.33	16.29
		680.5 (133297)	16.39	16.43	16.47	16.43
		665.5 (133147)	16.39	16.37	16.47	16.43
	12RB-Middle (6)	695.5 (133447)	16.24	16.26	16.33	16.29
		680.5 (133297)	16.33	16.42	16.36	16.32
		665.5 (133147)	16.43	16.55	16.49	16.45
	12RB-Low (0)	695.5 (133447)	16.23	16.28	16.27	16.23
		680.5 (133297)	16.38	16.40	16.29	16.25
		665.5 (133147)	16.38	16.43	16.39	16.35
	25RB (0)	695.5 (133447)	16.20	16.30	16.21	16.17
		680.5 (133297)	16.32	16.31	16.35	16.31
		665.5 (133147)	16.43	16.39	16.42	16.38
10MHz	1RB-High (49)	693 (132422)	16.08	16.52	16.34	16.30
		680.5 (133297)	16.14	16.58	16.28	16.64
		668 (133172)	16.27	16.38	16.31	16.27
	1RB-Middle (24)	693 (132422)	16.21	16.62	16.51	16.47
		680.5 (133297)	16.36	16.41	16.64	16.60
		668 (133172)	16.41	16.41	16.37	16.33
	1RB-Low (0)	693 (132422)	16.36	16.47	16.29	16.65
		680.5 (133297)	16.39	16.46	16.59	16.55
		668 (133172)	16.44	16.64	16.35	16.31
	25RB-High (25)	693 (132422)	16.35	16.31	16.25	16.21
		680.5 (133297)	16.34	16.39	16.38	16.34
		668 (133172)	16.47	16.44	16.52	16.48
	25RB-Middle (12)	693 (132422)	16.29	16.29	16.32	16.28
		680.5 (133297)	16.33	16.32	16.41	16.37
		668 (133172)	16.49	16.51	16.46	16.42
	25RB-Low (0)	693 (132422)	16.27	16.35	16.39	16.35
		680.5 (133297)	16.33	16.44	16.42	16.38
		668 (133172)	16.39	16.42	16.39	16.35
	50RB (0)	693 (132422)	16.29	16.26	16.23	16.19
		680.5 (133297)	16.30	16.34	16.29	16.25
		668 (133172)	16.47	16.54	16.42	16.38

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15MHz	1RB-High (74)	690.5 (133397)	15.86	16.34	16.41	16.37
		680.5 (133297)	16.04	16.39	16.24	16.20
		670.5 (133197)	16.36	16.19	16.35	16.31
	1RB-Middle (37)	690.5 (133397)	16.13	16.23	16.24	16.20
		680.5 (133297)	15.99	16.61	16.27	16.23
		670.5 (133197)	16.06	16.59	16.40	16.36
	1RB-Low (0)	690.5 (133397)	16.09	16.49	16.13	16.09
		680.5 (133297)	16.19	16.25	16.29	16.25
		670.5 (133197)	16.17	16.37	16.41	16.37
	36RB-High (38)	690.5 (133397)	16.16	16.21	16.16	16.12
		680.5 (133297)	16.22	16.27	16.13	16.09
		670.5 (133197)	16.24	16.28	16.26	16.22
	36RB-Middle (19)	690.5 (133397)	16.18	16.18	16.17	16.13
		680.5 (133297)	16.18	16.20	16.22	16.18
		670.5 (133197)	16.30	16.36	16.35	16.31
	36RB-Low (0)	690.5 (133397)	16.14	16.13	16.21	16.17
		680.5 (133297)	16.25	16.31	16.30	16.26
		670.5 (133197)	16.22	16.28	16.34	16.30
	75RB (0)	690.5 (133397)	16.26	16.20	16.24	16.20
		680.5 (133297)	16.20	16.24	16.18	16.14
		670.5 (133197)	16.31	16.29	16.33	16.29
20MHz	1RB-High (99)	688 (133372)	15.86	16.16	16.22	16.18
		683 (133322)	16.01	16.11	16.14	16.10
		673 (133222)	16.19	16.33	16.30	16.26
	1RB-Middle (50)	688 (133372)	16.12	16.26	16.34	16.30
		683 (133322)	16.09	16.24	16.36	16.32
		673 (133222)	16.13	16.42	16.38	16.34
	1RB-Low (0)	688 (133372)	16.25	15.98	16.27	16.23
		683 (133322)	16.09	16.42	16.35	16.31
		673 (133222)	16.04	16.57	16.30	16.26
	50RB-High (50)	688 (133372)	16.18	16.22	16.36	16.32
		683 (133322)	16.14	16.15	16.13	16.09
		673 (133222)	16.31	16.40	16.29	16.25
	50RB-Middle (25)	688 (133372)	16.26	16.18	16.20	16.16
		683 (133322)	16.15	16.25	16.17	16.13
		673 (133222)	16.27	16.31	16.37	16.33
	50RB-Low (0)	688 (133372)	16.17	16.29	16.25	16.21
		683 (133322)	16.26	16.31	16.21	16.17
		673 (133222)	16.33	16.34	16.29	16.25
	100RB (0)	688 (133372)	16.22	16.30	16.20	16.16
		683 (133322)	16.20	16.12	16.17	16.13
		673 (133222)	16.32	16.36	16.26	16.22

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LTE Band71(ANT1 DSI 1/2/5/12/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	695.5 (133447)	23.18	22.58	21.48	18.21
		680.5 (133297)	23.39	22.68	21.71	18.40
		665.5 (133147)	23.54	22.87	21.70	18.39
	1RB-Middle (12)	695.5 (133447)	23.36	22.84	21.60	18.31
		680.5 (133297)	23.57	22.81	21.66	18.36
		665.5 (133147)	23.60	22.83	21.75	18.44
	1RB-Low (0)	695.5 (133447)	23.21	22.83	21.63	18.34
		680.5 (133297)	23.35	22.72	21.74	18.43
		665.5 (133147)	22.94	22.00	21.02	18.77
	12RB-High (13)	695.5 (133447)	22.31	21.36	20.39	18.23
		680.5 (133297)	22.48	21.41	20.51	18.34
		665.5 (133147)	22.46	21.57	20.61	18.42
	12RB-Middle (6)	695.5 (133447)	22.30	21.44	20.36	18.21
		680.5 (133297)	22.42	21.60	20.46	18.29
		665.5 (133147)	22.55	21.65	20.58	18.40
	12RB-Low (0)	695.5 (133447)	22.32	21.32	20.28	18.14
		680.5 (133297)	22.42	21.50	20.42	18.26
		665.5 (133147)	22.52	21.58	20.55	18.37
	25RB (0)	695.5 (133447)	22.32	21.34	20.29	18.15
		680.5 (133297)	22.39	21.47	20.35	18.20
		665.5 (133147)	22.56	21.57	20.48	18.31
10MHz	1RB-High (49)	693 (132422)	23.34	22.80	21.69	18.39
		680.5 (133297)	23.36	22.98	21.72	18.41
		668 (133172)	22.27	21.59	21.68	18.38
	1RB-Middle (24)	693 (132422)	23.36	22.83	21.47	18.20
		680.5 (133297)	23.42	22.67	21.80	18.48
		668 (133172)	23.18	22.42	21.84	18.51
	1RB-Low (0)	693 (132422)	23.51	22.87	21.86	18.53
		680.5 (133297)	23.38	22.78	21.91	18.57
		668 (133172)	23.26	22.34	21.86	18.53
	25RB-High (25)	693 (132422)	22.49	21.43	20.54	18.36
		680.5 (133297)	22.44	21.35	20.51	18.34
		668 (133172)	21.95	20.93	20.11	18.00
	25RB-Middle (12)	693 (132422)	22.46	21.41	20.50	18.33
		680.5 (133297)	22.47	21.52	20.40	18.24
		668 (133172)	22.58	21.59	20.55	18.37
	25RB-Low (0)	693 (132422)	22.52	21.47	20.53	18.35
		680.5 (133297)	22.44	21.44	20.34	18.19
		668 (133172)	22.48	21.52	20.58	18.40
	50RB (0)	693 (132422)	22.44	21.41	20.43	18.27
		680.5 (133297)	22.48	21.43	20.45	18.28
		668 (133172)	22.58	21.53	20.56	18.38

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15MHz	1RB-High (74)	690.5 (133397)	23.03	22.53	21.18	17.95
		680.5 (133297)	22.86	22.14	21.19	17.96
		670.5 (133197)	23.14	22.64	21.34	18.09
	1RB-Middle (37)	690.5 (133397)	23.15	22.55	21.48	18.21
		680.5 (133297)	23.17	22.51	21.30	18.06
		670.5 (133197)	22.27	21.56	20.65	17.50
	1RB-Low (0)	690.5 (133397)	23.21	22.63	21.51	18.23
		680.5 (133297)	23.24	22.64	21.24	18.00
		670.5 (133197)	23.27	22.46	21.54	18.26
	36RB-High (38)	690.5 (133397)	22.17	21.20	20.27	18.13
		680.5 (133297)	22.33	21.32	20.31	18.17
		670.5 (133197)	22.38	21.33	20.41	18.25
	36RB-Middle (19)	690.5 (133397)	22.22	21.20	20.22	18.09
		680.5 (133297)	22.30	21.22	20.32	18.17
		670.5 (133197)	21.90	21.16	20.34	18.19
	36RB-Low (0)	690.5 (133397)	22.32	21.31	20.20	18.07
		680.5 (133297)	22.31	21.39	20.37	18.22
		670.5 (133197)	22.43	21.52	20.45	18.28
	75RB (0)	690.5 (133397)	22.27	21.20	20.20	18.07
		680.5 (133297)	22.21	21.19	20.37	18.22
		670.5 (133197)	22.42	21.49	20.65	18.45
20MHz	1RB-High (99)	688 (133372)	23.07	22.33	21.17	17.95
		683 (133322)	23.08	22.41	21.40	18.14
		673 (133222)	23.06	22.44	21.17	17.95
	1RB-Middle (50)	688 (133372)	22.91	22.11	21.25	18.01
		683 (133322)	23.14	22.44	21.73	18.42
		673 (133222)	22.61	21.85	20.80	17.63
	1RB-Low (0)	688 (133372)	23.26	22.72	21.38	18.12
		683 (133322)	23.21	22.74	21.62	18.33
		673 (133222)	23.46	22.56	21.69	18.39
	50RB-High (50)	688 (133372)	22.18	21.31	20.27	18.13
		683 (133322)	22.19	21.27	20.24	18.11
		673 (133222)	22.37	21.41	20.21	18.08
	50RB-Middle (25)	688 (133372)	22.18	21.28	20.21	18.08
		683 (133322)	22.27	21.32	20.38	18.23
		673 (133222)	22.20	21.47	20.41	18.25
	50RB-Low (0)	688 (133372)	22.31	21.36	20.38	18.23
		683 (133322)	22.39	21.32	20.39	18.23
		673 (133222)	22.45	21.33	20.56	18.38
	100RB (0)	688 (133372)	22.21	21.31	20.25	18.12
		683 (133322)	22.34	21.23	20.36	18.21
		673 (133222)	22.06	21.57	20.57	18.39

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LTE Band71(ANT1 DSI 11)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	695.5 (133447)	19.37	19.72	19.37	18.26
		680.5 (133297)	19.36	19.78	19.62	18.50
		665.5 (133147)	19.32	19.86	19.53	18.41
	1RB-Middle (12)	695.5 (133447)	19.37	19.90	19.66	18.53
		680.5 (133297)	19.42	19.84	19.75	18.62
		665.5 (133147)	19.46	19.87	19.58	18.46
	1RB-Low (0)	695.5 (133447)	19.31	19.49	19.53	18.41
		680.5 (133297)	19.47	19.73	19.95	18.81
		665.5 (133147)	19.39	19.72	19.69	18.56
	12RB-High (13)	695.5 (133447)	19.41	19.36	19.44	18.33
		680.5 (133297)	19.43	19.50	19.44	18.33
		665.5 (133147)	19.39	19.60	19.52	18.40
	12RB-Middle (6)	695.5 (133447)	19.39	19.38	19.32	18.21
		680.5 (133297)	19.42	19.41	19.45	18.34
		665.5 (133147)	19.51	19.55	19.52	18.40
	12RB-Low (0)	695.5 (133447)	19.38	19.36	19.35	18.24
		680.5 (133297)	19.37	19.47	19.49	18.37
		665.5 (133147)	19.48	19.52	19.44	18.33
	25RB (0)	695.5 (133447)	19.44	19.32	19.34	18.23
		680.5 (133297)	19.40	19.37	19.42	18.31
		665.5 (133147)	19.50	19.47	19.54	18.42
10MHz	1RB-High (49)	693 (132422)	19.34	19.74	19.83	18.69
		680.5 (133297)	19.39	19.78	19.70	18.57
		668 (133172)	19.29	19.81	19.57	18.45
	1RB-Middle (24)	693 (132422)	19.32	19.64	19.63	18.50
		680.5 (133297)	19.41	19.77	19.63	18.50
		668 (133172)	19.48	19.69	19.65	18.52
	1RB-Low (0)	693 (132422)	19.29	19.94	19.47	18.35
		680.5 (133297)	19.50	19.58	19.69	18.56
		668 (133172)	19.53	19.85	19.72	18.59
	25RB-High (25)	693 (132422)	19.34	19.21	19.39	18.28
		680.5 (133297)	19.51	19.44	19.38	18.27
		668 (133172)	19.42	19.53	19.46	18.34
	25RB-Middle (12)	693 (132422)	19.35	19.36	19.41	18.30
		680.5 (133297)	19.46	19.43	19.40	18.29
		668 (133172)	19.55	19.58	19.54	18.42
	25RB-Low (0)	693 (132422)	19.34	19.34	19.37	18.26
		680.5 (133297)	19.48	19.49	19.42	18.31
		668 (133172)	19.50	19.50	19.53	18.41
	50RB (0)	693 (132422)	19.28	19.31	19.25	18.15
		680.5 (133297)	19.39	19.32	19.47	18.35
		668 (133172)	19.55	19.53	19.47	18.35

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15MHz	1RB-High (74)	690.5 (133397)	18.89	19.36	19.17	18.07
		680.5 (133297)	19.01	19.71	19.24	18.14
		670.5 (133197)	19.03	19.44	19.58	18.46
	1RB-Middle (37)	690.5 (133397)	19.13	19.35	19.39	18.28
		680.5 (133297)	19.14	19.48	19.65	18.52
		670.5 (133197)	19.18	19.54	19.36	18.25
	1RB-Low (0)	690.5 (133397)	19.30	19.65	19.41	18.30
		680.5 (133297)	19.22	19.58	19.35	18.24
		670.5 (133197)	19.43	19.53	19.37	18.26
	36RB-High (38)	690.5 (133397)	19.24	19.20	19.22	18.12
		680.5 (133297)	19.18	19.31	19.25	18.15
		670.5 (133197)	19.32	19.30	19.26	18.16
	36RB-Middle (19)	690.5 (133397)	19.15	19.21	19.28	18.17
		680.5 (133297)	19.26	19.28	19.20	18.10
		670.5 (133197)	19.42	19.42	19.40	18.29
	36RB-Low (0)	690.5 (133397)	19.31	19.29	19.35	18.24
		680.5 (133297)	19.27	19.28	19.30	18.19
		670.5 (133197)	19.30	19.38	19.38	18.27
	75RB (0)	690.5 (133397)	19.19	19.20	19.18	18.08
		680.5 (133297)	19.28	19.33	19.31	18.20
		670.5 (133197)	19.36	19.40	19.45	18.34
20MHz	1RB-High (99)	688 (133372)	18.78	18.98	19.57	18.45
		683 (133322)	19.11	19.33	19.24	18.14
		673 (133222)	19.07	19.77	19.52	18.40
	1RB-Middle (50)	688 (133372)	19.49	19.72	19.44	18.33
		683 (133322)	19.24	19.48	19.36	18.25
		673 (133222)	19.16	19.66	19.59	18.47
	1RB-Low (0)	688 (133372)	19.09	19.16	19.51	18.39
		683 (133322)	19.37	19.43	19.53	18.41
		673 (133222)	19.28	19.83	19.67	18.54
	50RB-High (50)	688 (133372)	19.23	19.30	19.19	18.09
		683 (133322)	19.17	19.25	19.17	18.07
		673 (133222)	19.25	19.47	19.32	18.21
	50RB-Middle (25)	688 (133372)	19.24	19.25	19.27	18.17
		683 (133322)	19.19	19.26	19.33	18.22
		673 (133222)	19.40	19.39	19.50	18.38
	50RB-Low (0)	688 (133372)	19.26	19.34	19.33	18.22
		683 (133322)	19.38	19.35	19.31	18.20
		673 (133222)	19.53	19.47	19.37	18.26
	100RB (0)	688 (133372)	19.22	19.23	19.25	18.15
		683 (133322)	19.27	19.35	19.31	18.20
		673 (133222)	19.37	19.47	19.40	18.29

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LTE Carrier Aggregation Conducted Power (Uplink)

5B ANT0 DSI 1/2/5/13

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_5B	5M	20425	2425	1	24	3M	2464	1	0	25.70	25.17
CA_5B	10M	20450	2450	1	49	5M	2522	1	0	25.70	24.89
CA_5B	10M	20450	2450	1	49	10M	2549	1	0	25.70	24.93
CA_5B	10M	20600	2600	1	49	5M	2528	1	0	25.70	24.90
CA_5B	10M	20600	2600	1	49	10M	2501	1	0	25.70	25.00
CA_5B	5M	20425	2425	1	0	3M	2464	1	14	25.70	24.92
CA_5B	10M	20450	2450	1	0	5M	2522	1	24	25.70	25.02
CA_5B	10M	20450	2450	1	0	10M	2549	1	49	25.70	25.13
CA_5B	10M	20600	2600	1	0	5M	2528	1	24	25.70	25.10
CA_5B	10M	20600	2600	1	0	10M	2501	1	49	25.70	24.97

5B ANT0 DSI 11/12

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_5B	5M	20425	2425	1	24	3M	2464	1	0	18.70	17.97
CA_5B	10M	20450	2450	1	49	5M	2522	1	0	18.70	17.77
CA_5B	10M	20450	2450	1	49	10M	2549	1	0	18.70	17.80
CA_5B	10M	20600	2600	1	49	5M	2528	1	0	18.70	17.78
CA_5B	10M	20600	2600	1	49	10M	2501	1	0	18.70	17.85
CA_5B	5M	20425	2425	1	0	3M	2464	1	14	18.70	17.79
CA_5B	10M	20450	2450	1	0	5M	2522	1	24	18.70	17.86
CA_5B	10M	20450	2450	1	0	10M	2549	1	49	18.70	17.94
CA_5B	10M	20600	2600	1	0	5M	2528	1	24	18.70	17.92
CA_5B	10M	20600	2600	1	0	10M	2501	1	49	18.70	17.83

5B ANT1 DSI 1/2/5/12/13

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_5B	5M	20425	2425	1	24	3M	2464	1	0	25.00	24.15
CA_5B	10M	20450	2450	1	49	5M	2522	1	0	25.00	23.88
CA_5B	10M	20450	2450	1	49	10M	2549	1	0	25.00	23.92
CA_5B	10M	20600	2600	1	49	5M	2528	1	0	25.00	23.89
CA_5B	10M	20600	2600	1	49	10M	2501	1	0	25.00	23.98
CA_5B	5M	20425	2425	1	0	3M	2464	1	14	25.00	23.91
CA_5B	10M	20450	2450	1	0	5M	2522	1	24	25.00	24.00
CA_5B	10M	20450	2450	1	0	10M	2549	1	49	25.00	24.11
CA_5B	10M	20600	2600	1	0	5M	2528	1	24	25.00	24.09
CA_5B	10M	20600	2600	1	0	10M	2501	1	49	25.00	23.96

5B ANT1 DSI 11

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_5B	5M	20425	2425	1	24	3M	2464	1	0	19.50	18.69
CA_5B	10M	20450	2450	1	49	5M	2522	1	0	19.50	18.48
CA_5B	10M	20450	2450	1	49	10M	2549	1	0	19.50	18.51
CA_5B	10M	20600	2600	1	49	5M	2528	1	0	19.50	18.49
CA_5B	10M	20600	2600	1	49	10M	2501	1	0	19.50	18.56
CA_5B	5M	20425	2425	1	0	3M	2464	1	14	19.50	18.50
CA_5B	10M	20450	2450	1	0	5M	2522	1	24	19.50	18.57
CA_5B	10M	20450	2450	1	0	10M	2549	1	49	19.50	18.66
CA_5B	10M	20600	2600	1	0	5M	2528	1	24	19.50	18.64
CA_5B	10M	20600	2600	1	0	10M	2501	1	49	19.50	18.54

7C ANT2 DSI 1/5

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	22.00	21.36
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	22.00	21.24
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	22.00	21.33
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	22.00	21.33
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	22.00	21.18
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	22.00	21.51
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	22.00	21.33
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	22.00	21.38
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	22.00	21.27

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7C ANT2 DSI 2

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	20.50	19.78
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	20.50	19.67
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	20.50	19.75
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	20.50	19.75
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	20.50	19.61
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	20.50	19.92
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	20.50	19.75
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	20.50	19.80
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	20.50	19.69

7C ANT2 DSI 11/12

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	11.50	11.09
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	11.50	11.03
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	11.50	11.07
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	11.50	11.07
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	11.50	11.00
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	11.50	11.17
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	11.50	11.07
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	11.50	11.10
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	11.50	11.04

7C ANT2 DSI 13

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	19.00	18.37
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	19.00	18.27
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	19.00	18.34
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	19.00	18.34
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	19.00	18.21
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	19.00	18.50
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	19.00	18.34
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	19.00	18.39
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	19.00	18.29

7C ANT3 DSI 1/2

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	22.80	22.08
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	22.80	22.01
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	22.80	21.96
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	22.80	22.06
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	22.80	22.03
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	22.80	21.79
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	22.80	21.82
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	22.80	21.75
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	22.80	21.93

7C ANT3 DSI 5/13

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	24.80	24.39
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	24.80	24.31
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	24.80	24.26
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	24.80	24.37
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	24.80	24.33
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	24.80	24.07
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	24.80	24.10
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	24.80	24.03
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	24.80	24.22

7C ANT3 DSI 11/12

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	15.30	14.63
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	15.30	14.58
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	15.30	14.55
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	15.30	14.62
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	15.30	14.59
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	15.30	14.44
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	15.30	14.46
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	15.30	14.41
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	15.30	14.53

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7C ANT4 DSI 1

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	22.30	21.58
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	22.30	21.46
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	22.30	21.55
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	22.30	21.55
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	22.30	21.40
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	22.30	21.73
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	22.30	21.55
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	22.30	21.60
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	22.30	21.49

7C ANT4 DSI 2/5/13

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	24.80	24.14
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	24.80	24.01
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	24.80	24.11
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	24.80	24.11
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	24.80	23.94
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	24.80	24.31
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	24.80	24.11
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	24.80	24.16
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	24.80	24.04

7C ANT4 DSI 11

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	13.80	13.11
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	13.80	13.04
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	13.80	13.09
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	13.80	13.09
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	13.80	13.00
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	13.80	13.20
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	13.80	13.09
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	13.80	13.12
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	13.80	13.05

7C ANT4 DSI 12

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	23.30	22.34
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	23.30	22.22
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	23.30	22.30
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	23.30	22.30
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	23.30	22.15
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	23.30	22.49
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	23.30	22.30
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	23.30	22.35
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	23.30	22.23

7C ANT5 DSI 1/2

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	20.80	19.17
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	20.80	19.07
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	20.80	19.15
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	20.80	19.15
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	20.80	19.02
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	20.80	19.30
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	20.80	19.15
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	20.80	19.19
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	20.80	19.10

7C ANT5 DSI 5

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	19.30	18.14
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	19.30	18.04
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	19.30	18.12
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	19.30	18.12
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	19.30	18.00
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	19.30	18.26
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	19.30	18.12
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	19.30	18.16
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	19.30	18.07

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7C ANT5 DSI 11/12

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	12.80	11.25
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	12.80	11.18
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	12.80	11.23
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	12.80	11.23
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	12.80	11.16
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	12.80	11.32
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	12.80	11.23
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	12.80	11.26
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	12.80	11.20

7C ANT5 DSI 13

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	23.80	23.12
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	23.80	22.99
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	23.80	23.09
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	23.80	23.09
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	23.80	22.94
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	23.80	23.27
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	23.80	23.09
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	23.80	23.14
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	23.80	23.03

38C ANT2 DSI 1

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	24.50	23.50
CA_38C	15M	37825	1	74	15M	37975	1	0	24.50	23.45
CA_38C	20M	38150	1	0	20M	37952	1	99	24.50	23.60
CA_38C	15M	38175	1	0	15M	38025	1	74	24.50	23.34

38C ANT2 DSI 2

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	23.50	22.63
CA_38C	15M	37825	1	74	15M	37975	1	0	23.50	22.58
CA_38C	20M	38150	1	0	20M	37952	1	99	23.50	22.72
CA_38C	15M	38175	1	0	15M	38025	1	74	23.50	22.47

38C ANT2 DSI 5

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA_38C	20M	37850	1	99	20M	38048	1	0	23.00	22.03
CA_38C	15M	37825	1	74	15M	37975	1	0	23.00	21.98
CA_38C	20M	38150	1	0	20M	37952	1	99	23.00	22.12
CA_38C	15M	38175	1	0	15M	38025	1	74	23.00	21.97

38C ANT2 DSI 11/12

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	14.50	13.49
CA_38C	15M	37825	1	74	15M	37975	1	0	14.50	13.46
CA_38C	20M	38150	1	0	20M	37952	1	99	14.50	13.55
CA_38C	15M	38175	1	0	15M	38025	1	74	14.50	13.45

38C ANT2 DSI 13

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	22.50	21.08
CA_38C	15M	37825	1	74	15M	37975	1	0	22.50	21.03
CA_38C	20M	38150	1	0	20M	37952	1	99	22.50	21.17
CA_38C	15M	38175	1	0	15M	38025	1	74	22.50	21.02

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38C ANT3 DSI 1/2/5/13

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	24.80	23.91
CA 38C	15M	37825	1	74	15M	37975	1	0	24.80	23.85
CA 38C	20M	38150	1	0	20M	37952	1	99	24.80	24.01
CA 38C	15M	38175	1	0	15M	38025	1	74	24.80	23.85

38C ANT3 DSI 11/12

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	17.30	16.82
CA 38C	15M	37825	1	74	15M	37975	1	0	17.30	16.78
CA 38C	20M	38150	1	0	20M	37952	1	99	17.30	16.89
CA 38C	15M	38175	1	0	15M	38025	1	74	17.30	16.78

38C ANT4 DSI 1/2/5/12/13

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	24.80	24.12
CA 38C	15M	37825	1	74	15M	37975	1	0	24.80	24.06
CA 38C	20M	38150	1	0	20M	37952	1	99	24.80	24.22
CA 38C	15M	38175	1	0	15M	38025	1	74	24.80	24.06

38C ANT4 DSI 11

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	15.80	15.12
CA 38C	15M	37825	1	74	15M	37975	1	0	15.80	15.08
CA 38C	20M	38150	1	0	20M	37952	1	99	15.80	15.18
CA 38C	15M	38175	1	0	15M	38025	1	74	15.80	15.08

38C ANT5 DSI 1/2/5/13

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	23.80	23.02
CA 38C	15M	37825	1	74	15M	37975	1	0	23.80	22.96
CA 38C	20M	38150	1	0	20M	37952	1	99	23.80	23.12
CA 38C	15M	38175	1	0	15M	38025	1	74	23.80	22.96

38C ANT5 DSI 11/12

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	15.30	14.45
CA 38C	15M	37825	1	74	15M	37975	1	0	15.30	14.41
CA 38C	20M	38150	1	0	20M	37952	1	99	15.30	14.51
CA 38C	15M	38175	1	0	15M	38025	1	74	15.30	14.41

41C ANT2 DSI 1

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	24.50	23.85
CA 41C	20M	39750	1	99	20M	39948	1	0	24.50	23.84
CA 41C	20M	39750	1	99	15M	39921	1	0	24.50	23.80
CA 41C	20M	39750	1	99	10M	39894	1	0	24.50	23.93
CA 41C	15M	39725	1	74	10M	39845	1	0	24.50	23.95
CA 41C	20M	41490	1	0	20M	41292	1	99	24.50	24.25
CA 41C	20M	41490	1	0	15M	41319	1	74	24.50	24.21
CA 41C	20M	41490	1	0	10M	41346	1	49	24.50	24.17
CA 41C	20M	41490	1	0	5M	41373	1	24	24.50	24.09
CA 41C	15M	41515	1	0	15M	41365	1	74	24.50	24.14
CA 41C	15M	41515	1	0	10M	41395	1	49	24.50	24.06

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41C ANT2 DSI 2

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	23.50	22.46
CA 41C	20M	39750	1	99	20M	39948	1	0	23.50	22.45
CA 41C	20M	39750	1	99	15M	39921	1	0	23.50	22.42
CA 41C	20M	39750	1	99	10M	39894	1	0	23.50	22.54
CA 41C	15M	39725	1	74	10M	39845	1	0	23.50	22.56
CA 41C	20M	41490	1	0	20M	41292	1	99	23.50	22.84
CA 41C	20M	41490	1	0	15M	41319	1	74	23.50	22.80
CA 41C	20M	41490	1	0	10M	41346	1	49	23.50	22.76
CA 41C	20M	41490	1	0	5M	41373	1	24	23.50	22.69
CA 41C	15M	41515	1	0	15M	41365	1	74	23.50	22.74
CA 41C	15M	41515	1	0	10M	41395	1	49	23.50	22.66

41C ANT2 DSI 5

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	21.50	20.18
CA 41C	20M	39750	1	99	20M	39948	1	0	21.50	20.17
CA 41C	20M	39750	1	99	15M	39921	1	0	21.50	20.14
CA 41C	20M	39750	1	99	10M	39894	1	0	21.50	20.25
CA 41C	15M	39725	1	74	10M	39845	1	0	21.50	20.27
CA 41C	20M	41490	1	0	20M	41292	1	99	21.50	20.52
CA 41C	20M	41490	1	0	15M	41319	1	74	21.50	20.48
CA 41C	20M	41490	1	0	10M	41346	1	49	21.50	20.45
CA 41C	20M	41490	1	0	5M	41373	1	24	21.50	20.39
CA 41C	15M	41515	1	0	15M	41365	1	74	21.50	20.43
CA 41C	15M	41515	1	0	10M	41395	1	49	21.50	20.36

41C ANT2 DSI 11/12

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	14.00	12.86
CA 41C	20M	39750	1	99	20M	39948	1	0	14.00	12.86
CA 41C	20M	39750	1	99	15M	39921	1	0	14.00	12.84
CA 41C	20M	39750	1	99	10M	39894	1	0	14.00	12.91
CA 41C	15M	39725	1	74	10M	39845	1	0	14.00	12.92
CA 41C	20M	41490	1	0	20M	41292	1	99	14.00	13.08
CA 41C	20M	41490	1	0	15M	41319	1	74	14.00	13.05
CA 41C	20M	41490	1	0	10M	41346	1	49	14.00	13.04
CA 41C	20M	41490	1	0	5M	41373	1	24	14.00	13.00
CA 41C	15M	41515	1	0	15M	41365	1	74	14.00	13.02
CA 41C	15M	41515	1	0	10M	41395	1	49	14.00	12.98

41C ANT2 DSI 13

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	20.50	19.25
CA 41C	20M	39750	1	99	20M	39948	1	0	20.50	19.25
CA 41C	20M	39750	1	99	15M	39921	1	0	20.50	19.22
CA 41C	20M	39750	1	99	10M	39894	1	0	20.50	19.33
CA 41C	15M	39725	1	74	10M	39845	1	0	20.50	19.34
CA 41C	20M	41490	1	0	20M	41292	1	99	20.50	19.58
CA 41C	20M	41490	1	0	15M	41319	1	74	20.50	19.54
CA 41C	20M	41490	1	0	10M	41346	1	49	20.50	19.52
CA 41C	20M	41490	1	0	5M	41373	1	24	20.50	19.46
CA 41C	15M	41515	1	0	15M	41365	1	74	20.50	19.49
CA 41C	15M	41515	1	0	10M	41395	1	49	20.50	19.43

41C ANT3 DSI 1/2/5/13

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	24.80	24.18
CA 41C	20M	39750	1	99	20M	39948	1	0	24.80	24.17
CA 41C	20M	39750	1	99	15M	39921	1	0	24.80	24.13
CA 41C	20M	39750	1	99	10M	39894	1	0	24.80	24.25
CA 41C	15M	39725	1	74	10M	39845	1	0	24.80	24.28
CA 41C	20M	41490	1	0	20M	41292	1	99	24.80	24.59
CA 41C	20M	41490	1	0	15M	41319	1	74	24.80	24.53
CA 41C	20M	41490	1	0	10M	41346	1	49	24.80	24.51
CA 41C	20M	41490	1	0	5M	41373	1	24	24.80	24.42
CA 41C	15M	41515	1	0	15M	41365	1	74	24.80	24.46
CA 41C	15M	41515	1	0	10M	41395	1	49	24.80	24.35

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41C ANT3 DSI 11/12

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	17.80	17.17
CA 41C	20M	39750	1	99	20M	39948	1	0	17.80	17.16
CA 41C	20M	39750	1	99	15M	39921	1	0	17.80	17.13
CA 41C	20M	39750	1	99	10M	39894	1	0	17.80	17.22
CA 41C	15M	39725	1	74	10M	39845	1	0	17.80	17.24
CA 41C	20M	41490	1	0	20M	41292	1	99	17.80	17.46
CA 41C	20M	41490	1	0	15M	41319	1	74	17.80	17.42
CA 41C	20M	41490	1	0	10M	41346	1	49	17.80	17.40
CA 41C	20M	41490	1	0	5M	41373	1	24	17.80	17.34
CA 41C	15M	41515	1	0	15M	41365	1	74	17.80	17.37
CA 41C	15M	41515	1	0	10M	41395	1	49	17.80	17.29

41C ANT4 DSI 1/2/5/12/13

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	24.80	24.07
CA 41C	20M	39750	1	99	20M	39948	1	0	24.80	24.14
CA 41C	20M	39750	1	99	15M	39921	1	0	24.80	24.23
CA 41C	20M	39750	1	99	10M	39894	1	0	24.80	24.20
CA 41C	15M	39725	1	74	10M	39845	1	0	24.80	24.49
CA 41C	20M	41490	1	0	20M	41292	1	99	24.80	24.56
CA 41C	20M	41490	1	0	15M	41319	1	74	24.80	24.51
CA 41C	20M	41490	1	0	10M	41346	1	49	24.80	24.48
CA 41C	20M	39750	1	0	5M	39867	1	24	24.80	23.75
CA 41C	20M	41490	1	0	5M	41373	1	24	24.80	23.78
CA 41C	15M	41515	1	0	15M	41365	1	74	24.80	24.45
CA 41C	15M	41515	1	0	10M	41395	1	49	24.80	24.43

41C ANT4 DSI 11

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	15.80	14.80
CA 41C	20M	39750	1	99	20M	39948	1	0	15.80	14.84
CA 41C	20M	39750	1	99	15M	39921	1	0	15.80	14.90
CA 41C	20M	39750	1	99	10M	39894	1	0	15.80	14.88
CA 41C	15M	39725	1	74	10M	39845	1	0	15.80	15.06
CA 41C	20M	41490	1	0	20M	41292	1	99	15.80	15.10
CA 41C	20M	41490	1	0	15M	41319	1	74	15.80	15.07
CA 41C	20M	41490	1	0	10M	41346	1	49	15.80	15.05
CA 41C	20M	39750	1	0	5M	39867	1	24	15.80	14.60
CA 41C	20M	41490	1	0	5M	41373	1	24	15.80	14.62
CA 41C	15M	41515	1	0	15M	41365	1	74	15.80	15.03
CA 41C	15M	41515	1	0	10M	41395	1	49	15.80	15.02

41C ANT5 DSI 1/2/5/13

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	23.80	23.30
CA 41C	20M	39750	1	99	20M	39948	1	0	23.80	23.20
CA 41C	20M	39750	1	99	15M	39921	1	0	23.80	23.36
CA 41C	20M	39750	1	99	10M	39894	1	0	23.80	23.23
CA 41C	15M	39725	1	74	10M	39845	1	0	23.80	23.51
CA 41C	20M	41490	1	0	20M	41292	1	99	23.80	23.56
CA 41C	20M	41490	1	0	15M	41319	1	74	23.80	23.49
CA 41C	20M	41490	1	0	10M	41346	1	49	23.80	23.45
CA 41C	20M	41490	1	0	5M	41373	1	24	23.80	23.51
CA 41C	15M	41515	1	0	15M	41365	1	74	23.80	23.46
CA 41C	15M	41515	1	0	10M	41395	1	49	23.80	23.41

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41C ANT5 DSI 11/12

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	15.30	14.24
CA 41C	20M	39750	1	99	20M	39948	1	0	15.30	14.18
CA 41C	20M	39750	1	99	15M	39921	1	0	15.30	14.28
CA 41C	20M	39750	1	99	10M	39894	1	0	15.30	14.20
CA 41C	15M	39725	1	74	10M	39845	1	0	15.30	14.37
CA 41C	20M	41490	1	0	20M	41292	1	99	15.30	14.40
CA 41C	20M	41490	1	0	15M	41319	1	74	15.30	14.36
CA 41C	20M	41490	1	0	10M	41346	1	49	15.30	14.33
CA 41C	20M	41490	1	0	5M	41373	1	24	15.30	14.37
CA 41C	15M	41515	1	0	15M	41365	1	74	15.30	14.34
CA 41C	15M	41515	1	0	10M	41395	1	49	15.30	14.31

48C ANT2 DSI 1/2/5

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 48C	20M	55340	1	99	5M	55457	1	0	25.30	23.88
CA 48C	20M	55340	1	99	10M	55484	1	0	25.30	23.91
CA 48C	20M	55340	1	99	15M	55511	1	0	25.30	24.05
CA 48C	20M	55340	1	99	20M	55538	1	0	25.30	23.66
CA 48C	20M	55340	1	0	5M	55457	1	24	25.30	23.86
CA 48C	20M	55340	1	0	10M	55484	1	49	25.30	23.84
CA 48C	20M	55340	1	0	15M	55511	1	74	25.30	23.80
CA 48C	20M	55340	1	0	20M	55538	1	99	25.30	23.76

48C ANT2 DSI 11/12

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 48C	20M	55340	1	99	5M	55457	1	0	14.30	12.72
CA 48C	20M	55340	1	99	10M	55484	1	0	14.30	12.84
CA 48C	20M	55340	1	99	15M	55511	1	0	14.30	12.80
CA 48C	20M	55340	1	99	20M	55538	1	0	14.30	12.74
CA 48C	20M	55340	1	0	5M	55457	1	24	14.30	12.75
CA 48C	20M	55340	1	0	10M	55484	1	49	14.30	12.85
CA 48C	20M	55340	1	0	15M	55511	1	74	14.30	12.80
CA 48C	20M	55340	1	0	20M	55538	1	99	14.30	12.87

48C ANT2 DSI 13

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 48C	20M	55340	1	99	5M	55457	1	0	21.80	20.06
CA 48C	20M	55340	1	99	10M	55484	1	0	21.80	20.08
CA 48C	20M	55340	1	99	15M	55511	1	0	21.80	20.20
CA 48C	20M	55340	1	99	20M	55538	1	0	21.80	19.87
CA 48C	20M	55340	1	0	5M	55457	1	24	21.80	20.04
CA 48C	20M	55340	1	0	10M	55484	1	49	21.80	20.02
CA 48C	20M	55340	1	0	15M	55511	1	74	21.80	19.99
CA 48C	20M	55340	1	0	20M	55538	1	99	21.80	19.96

48C ANT3 DSI 1/2/5/13

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 48C	20M	55340	1	99	5M	55457	1	0	23.80	22.74
CA 48C	20M	55340	1	99	10M	55484	1	0	23.80	22.75
CA 48C	20M	55340	1	99	15M	55511	1	0	23.80	22.69
CA 48C	20M	55340	1	99	20M	55538	1	0	23.80	22.67
CA 48C	20M	55340	1	0	5M	55457	1	24	23.80	22.76
CA 48C	20M	55340	1	0	10M	55484	1	49	23.80	22.80
CA 48C	20M	55340	1	0	15M	55511	1	74	23.80	22.73
CA 48C	20M	55340	1	0	20M	55538	1	99	23.80	22.66

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48C ANT3 DSI 11/12

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 48C	20M	55340	1	99	5M	55457	1	0	14.80	13.98
CA 48C	20M	55340	1	99	10M	55484	1	0	14.80	13.99
CA 48C	20M	55340	1	99	15M	55511	1	0	14.80	13.95
CA 48C	20M	55340	1	99	20M	55538	1	0	14.80	13.94
CA 48C	20M	55340	1	0	5M	55457	1	24	14.80	14.00
CA 48C	20M	55340	1	0	10M	55484	1	49	14.80	14.02
CA 48C	20M	55340	1	0	15M	55511	1	74	14.80	13.98
CA 48C	20M	55340	1	0	20M	55538	1	99	14.80	13.93

48C ANT0 DSI 1/2/5/13

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 48C	20M	55340	1	99	5M	55457	1	0	23.80	22.59
CA 48C	20M	55340	1	99	10M	55484	1	0	23.80	22.61
CA 48C	20M	55340	1	99	15M	55511	1	0	23.80	22.41
CA 48C	20M	55340	1	99	20M	55538	1	0	23.80	22.48
CA 48C	20M	55340	1	0	5M	55457	1	24	23.80	22.49
CA 48C	20M	55340	1	0	10M	55484	1	49	23.80	22.54
CA 48C	20M	55340	1	0	15M	55511	1	74	23.80	22.62
CA 48C	20M	55340	1	0	20M	55538	1	99	23.80	22.42

48C ANT0 DSI 11/12

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 48C	20M	55340	1	99	5M	55457	1	0	17.30	15.99
CA 48C	20M	55340	1	99	10M	55484	1	0	17.30	16.00
CA 48C	20M	55340	1	99	15M	55511	1	0	17.30	15.86
CA 48C	20M	55340	1	99	20M	55538	1	0	17.30	15.91
CA 48C	20M	55340	1	0	5M	55457	1	24	17.30	15.92
CA 48C	20M	55340	1	0	10M	55484	1	49	17.30	15.95
CA 48C	20M	55340	1	0	15M	55511	1	74	17.30	16.01
CA 48C	20M	55340	1	0	20M	55538	1	99	17.30	15.87

48C ANT7 DSI 1/2/5

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 48C	20M	55340	1	99	5M	55457	1	0	21.80	20.22
CA 48C	20M	55340	1	99	10M	55484	1	0	21.80	20.23
CA 48C	20M	55340	1	99	15M	55511	1	0	21.80	20.35
CA 48C	20M	55340	1	99	20M	55538	1	0	21.80	20.22
CA 48C	20M	55340	1	0	5M	55457	1	24	21.80	20.28
CA 48C	20M	55340	1	0	10M	55484	1	49	21.80	20.34
CA 48C	20M	55340	1	0	15M	55511	1	74	21.80	20.32
CA 48C	20M	55340	1	0	20M	55538	1	99	21.80	20.39

48C ANT7 DSI 11/12

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 48C	20M	55340	1	99	5M	55457	1	0	10.30	9.41
CA 48C	20M	55340	1	99	10M	55484	1	0	10.30	9.49
CA 48C	20M	55340	1	99	15M	55511	1	0	10.30	9.55
CA 48C	20M	55340	1	99	20M	55538	1	0	10.30	9.45
CA 48C	20M	55340	1	0	5M	55457	1	24	10.30	9.56
CA 48C	20M	55340	1	0	10M	55484	1	49	10.30	9.39
CA 48C	20M	55340	1	0	15M	55511	1	74	10.30	9.47
CA 48C	20M	55340	1	0	20M	55538	1	99	10.30	9.51

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48C ANT7 DSI 13

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 48C	20M	55340	1	99	5M	55457	1	0	20.30	18.93
CA 48C	20M	55340	1	99	10M	55484	1	0	20.30	18.94
CA 48C	20M	55340	1	99	15M	55511	1	0	20.30	19.05
CA 48C	20M	55340	1	99	20M	55538	1	0	20.30	18.93
CA 48C	20M	55340	1	0	5M	55457	1	24	20.30	18.99
CA 48C	20M	55340	1	0	10M	55484	1	49	20.30	19.04
CA 48C	20M	55340	1	0	15M	55511	1	74	20.30	19.02
CA 48C	20M	55340	1	0	20M	55538	1	99	20.30	19.09

66C ANT2 DSI 1/5

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	23.30	22.26
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	23.30	22.27
CA 66C	15M	132072	66511	1	74	15M	66661	1	0	23.30	22.19
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	23.30	22.23
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	23.30	22.20

66C ANT2 DSI 2

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	22.30	21.37
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	22.30	21.39
CA 66C	15M	132072	66511	1	74	15M	66661	1	0	22.30	21.30
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	22.30	21.34
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	22.30	21.31

66C ANT2 DSI 11/12

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	14.80	13.90
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	14.80	13.93
CA 66C	15M	132072	66511	1	74	15M	66661	1	0	14.80	13.88
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	14.80	13.91
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	14.80	13.89

66C ANT2 DSI 13

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	20.8	20.27
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	20.8	20.29
CA 66C	15M	132072	66511	1	74	15M	66661	1	0	20.8	20.21
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	20.8	20.25
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	20.8	20.22

66C ANT3 DSI 1/2

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	24.30	23.41
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	24.30	23.43
CA 66C	15M	132072	66511	1	74	15M	66661	1	0	24.30	23.36
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	24.30	23.40
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	24.30	23.37

66C ANT3 DSI 5/13

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA 66C	15M	132047	66511	1	74	10M	66631	1	0	24.80	24.11
CA 66C	20M	132072	66536	1	99	10M	66680	1	0	24.80	24.18
CA 66C	15M	132072	66511	1	74	15M	66661	1	0	24.80	24.03
CA 66C	20M	132072	66536	1	99	5M	66653	1	0	24.80	24.08
CA 66C	20M	132072	66536	1	99	20M	66734	1	0	24.80	24.05

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66C ANT3 DSI 11/12

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	16.80	16.15
CA_66C	20M	132072	66536	1	99	10M	66680	1	0	16.80	16.20
CA_66C	15M	132072	66511	1	74	15M	66661	1	0	16.80	16.10
CA_66C	20M	132072	66536	1	99	5M	66653	1	0	16.80	16.13
CA_66C	20M	132072	66536	1	99	20M	66734	1	0	16.80	16.11

66C ANT4 DSI 1

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	22.80	22.22
CA_66C	20M	132072	66536	1	99	10M	66680	1	0	22.80	22.26
CA_66C	15M	132072	66511	1	74	15M	66661	1	0	22.80	22.15
CA_66C	20M	132072	66536	1	99	5M	66653	1	0	22.80	22.12
CA_66C	20M	132072	66536	1	99	20M	66734	1	0	22.80	22.16

66C ANT4 DSI 2/5/13

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_66C	15M	132047	66511	1	74	10M	66631	1	0	24.80	24.24
CA_66C	20M	132072	66536	1	99	10M	66680	1	0	24.80	24.29
CA_66C	15M	132072	66511	1	74	15M	66661	1	0	24.80	24.16
CA_66C	20M	132072	66536	1	99	5M	66653	1	0	24.80	24.13
CA_66C	20M	132072	66536	1	99	20M	66734	1	0	24.80	24.18

66C ANT4 DSI 11

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	15.30	14.61
CA_66C	20M	132072	66536	1	99	10M	66680	1	0	15.30	14.64
CA_66C	15M	132072	66511	1	74	15M	66661	1	0	15.30	14.56
CA_66C	20M	132072	66536	1	99	5M	66653	1	0	15.30	14.54
CA_66C	20M	132072	66536	1	99	20M	66734	1	0	15.30	14.57

66C ANT4 DSI 12

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	23.30	22.50
CA_66C	20M	132072	66536	1	99	10M	66680	1	0	23.30	22.55
CA_66C	15M	132072	66511	1	74	15M	66661	1	0	23.30	22.42
CA_66C	20M	132072	66536	1	99	5M	66653	1	0	23.30	22.39
CA_66C	20M	132072	66536	1	99	20M	66734	1	0	23.30	22.44

66C ANT5 DSI 1/2

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	23.10	22.16
CA_66C	20M	132072	66536	1	99	10M	66680	1	0	23.10	22.21
CA_66C	15M	132072	66511	1	74	15M	66661	1	0	23.10	22.08
CA_66C	20M	132072	66536	1	99	5M	66653	1	0	23.10	22.05
CA_66C	20M	132072	66536	1	99	20M	66734	1	0	23.10	22.10

66C ANT5 DSI 5/13

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_66C	15M	132047	66511	1	74	10M	66631	1	0	24.10	23.14
CA_66C	20M	132072	66536	1	99	10M	66680	1	0	24.10	23.19
CA_66C	15M	132072	66511	1	74	15M	66661	1	0	24.10	23.06
CA_66C	20M	132072	66536	1	99	5M	66653	1	0	24.10	23.03
CA_66C	20M	132072	66536	1	99	20M	66734	1	0	24.10	23.08

66C ANT5 DSI 11/12

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	13.60	12.28
CA_66C	20M	132072	66536	1	99	10M	66680	1	0	13.60	12.31
CA_66C	15M	132072	66511	1	74	15M	66661	1	0	13.60	12.24
CA_66C	20M	132072	66536	1	99	5M	66653	1	0	13.60	12.22
CA_66C	20M	132072	66536	1	99	20M	66734	1	0	13.60	12.25

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LTE Carrier Aggregation Conducted Power (Downlink)

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

DL LTE CA Class	TX ANT	DSI	PCC								SCC1			SCC2			SCC3			SCC4			Power	
			PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	PCC UL Frequency	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTETx Power(dBm)	Rel 10 DL LTE CA Tx Power(dBm)
CA_2A-46A-46C-66A	2	1	2	5	1	12	1	25	19175	1907.5	46	20	50690	46	20	50692	46	20	50890	66	20	66786	22.78	22.63
CA_2A-46A-46D	2	1	2	5	1	12	1	25	19175	1907.5	46	20	50690	46	20	50492	46	20	50690	46	20	50888	22.78	22.26
CA_2A-46A-48C-66A	2	1	2	5	1	12	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	66	20	66786	22.78	22.33
CA_2A-46A-48D	2	1	2	5	1	12	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	48	20	55736	22.78	22.51
CA_2A-46C-48A-66A	2	1	2	5	1	12	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55990	66	20	66786	22.78	22.63
CA_2A-46C-48C	2	1	2	5	1	12	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55340	48	20	55538	22.78	22.53
CA_2A-46D-48A	2	1	2	5	1	12	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	48	20	55990	22.78	22.54
CA_2A-46D-66A	2	1	2	5	1	12	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	66	20	66786	22.78	22.54
CA_2A-46E	2	1	2	5	1	12	1	25	19175	1907.5	46	20	50490	46	20	50688	46	20	50889	46	20	51090	22.78	22.57
CA_2A-12A-66A-66A	2	1	2	5	1	12	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66786	/	/	/	22.78	22.59
CA_2A-12A-66C	2	1	2	5	1	12	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66734	/	/	/	22.78	22.34
CA_2A-2A-12A-66A	2	1	2	5	1	12	1	25	19175	1907.5	2	20	700	12	10	5095	66	20	66786	/	/	/	22.78	22.70
CA_2A-2A-4A-12A	2	1	2	5	1	12	1	25	19175	1907.5	2	20	700	4	20	2175	12	10	5095	/	/	/	22.78	22.57
CA_2A-2A-4A-71A	2	1	2	5	1	12	1	25	19175	1907.5	2	20	700	4	20	2175	71	20	68786	/	/	/	22.78	22.65
CA_2A-2A-66A-66A	2	1	2	5	1	12	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66786	/	/	/	22.78	22.38
CA_2A-2A-66A-71A	2	1	2	5	1	12	1	25	19175	1907.5	2	20	700	66	20	66786	71	20	68786	/	/	/	22.78	22.66
CA_2A-2A-66C	2	1	2	5	1	12	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66734	/	/	/	22.78	22.34
CA_2A-46A-46A-66A	2	1	2	5	1	12	1	25	19175	1907.5	46	20	50692	46	20	50890	66	20	66786	/	/	/	22.78	22.61
CA_2A-46A-48A-66A	2	1	2	5	1	12	1	25	19175	1907.5	46	20	50690	48	20	55990	66	20	66786	/	/	/	22.78	22.65
CA_2A-4A-4A-12A	2	1	2	5	1	12	1	25	19175	1907.5	4	20	2050	4	20	2300	12	10	5095	/	/	/	22.78	22.69
CA_2A-66A-66A-71A	2	1	2	5	1	12	1	25	19175	1907.5	66	20	66536	66	20	66786	71	20	68786	/	/	/	22.78	22.60
CA_2A-66C-71A	2	1	2	5	1	12	1	25	19175	1907.5	66	20	66536	66	20	66734	71	20	68786	/	/	/	22.78	22.42
CA_2C-66A-66A	2	1	2	20	50	50	1	99	19100	1900	2	20	902	66	20	66536	66	20	66734	/	/	/	22.58	22.68
CA_2A-48A-48A	2	1	2	5	1	12	1	25	19175	1907.5	48	20	55340	48	20	56640	/	/	/	/	/	/	22.78	22.51
CA_2A-4A-5A	2	1	2	5	1	12	1	25	19175	1907.5	4	20	21.75	5	10	2525	/	/	/	/	/	/	22.78	22.56
CA_2A-5A-66A	2	1	2	5	1	12	1	25	19175	1907.5	5	10	2525	66	20	66786	/	/	/	/	/	/	22.78	22.32
CA_2A-46A-46C-66A	2	2_13	2	5	12	6	1	25	19175	1907.5	46	20	50690	46	20	50692	46	20	50890	66	20	66786	21.67	21.15
CA_2A-46A-46D	2	2_13	2	5	12	6	1	25	19175	1907.5	46	20	50690	46	20	50492	46	20	50690	46	20	50888	21.67	21.53
CA_2A-46A-48C-66A	2	2_13	2	5	12	6	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	66	20	66786	21.67	21.32
CA_2A-46A-48D	2	2_13	2	5	12	6	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	48	20	55736	21.67	21.49
CA_2A-46C-48A-66A	2	2_13	2	5	12	6	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55990	66	20	66786	21.67	21.33
CA_2A-46C-48C	2	2_13	2	5	12	6	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55340	48	20	55538	21.67	21.43
CA_2A-46D-48A	2	2_13	2	5	12	6	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	48	20	55990	21.67	21.43
CA_2A-46D-66A	2	2_13	2	5	12	6	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	66	20	66786	21.67	21.49
CA_2A-46E	2	2_13	2	5	12	6	1	25	19175	1907.5	46	20	50490	46	20	50688	46	20	50889	46	20	51090	21.67	21.26
CA_2A-12A-66A-66A	2	2_13	2	5	12	6	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66786	/	/	/	21.67	21.10
CA_2A-12A-66C	2	2_13	2	5	12	6	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66734	/	/	/	21.67	21.31
CA_2A-2A-12A-66A	2	2_13	2	5	12	6	1	25	19175	1907.5	2	20	700	12	10	5095	66	20	66786	/	/	/	21.67	21.34
CA_2A-2A-4A-12A	2	2_13	2	5	12	6	1	25	19175	1907.5	2	20	700	4	20	2175	12	10	5095	/	/	/	21.67	21.54
CA_2A-2A-4A-71A	2	2_13	2	5	12	6	1	25	19175	1907.5	2	20	700	4	20	2175	71	20	68786	/	/	/	21.67	21.56
CA_2A-2A-66A-66A	2	2_13	2	5	12	6	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66786	/	/	/	21.67	21.10
CA_2A-2A-66A-71A	2	2_13	2	5	12	6	1	25	19175	1907.5	2	20	700	66	20	66786	71	20	68786	/	/	/	21.67	21.46
CA_2A-2A-66C	2	2_13	2	5	12	6	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66734	/	/	/	21.67	21.37
CA_2A-46A-46A-66A	2	2_13	2	5	12	6	1	25	19175	1907.5	46	20	50692	46	20	50890	66	20	66786	/	/	/	21.67	21.49
CA_2A-46A-48A-66A	2	2_13	2	5	12	6	1	25	19175	1907.5	46	20	50690	48	20	55990	66	20	66786	/	/	/	21.67	21.43
CA_2A-4A-4A-12A	2	2_13	2	5	12	6	1	25	19175	1907.5	4	20	2050	4	20	2300	12	10	5095	/	/	/	21.67	21.49
CA_2A-66A-66A-71A	2	2_13	2	5	12	6	1	25	19175	1907.5	66	20	66536	66	20	66786	71	20	68786	/	/	/	21.67	21.20
CA_2A-66C-71A	2	2_13	2	5	12	6	1	25	19175	1907.5	66	20	66536	66	20	66734	71	20	68786	/	/	/	21.67	21.43
CA_2C-66A-66A	2	2_13	2	20	50	25	1	99	19100	1900	2	20	902	66	20	66536	66	20	66734	/	/	/	21.21	21.06
CA_2A-48A-48A	2	2_13	2	5	12	6	1	25	19175	1907.5	48	20	55340	48	20	56640	/	/	/	/	/	/	21.67	21.18
CA_2A-4A-5A	2	2_13	2	5	12	6	1	25	19175	1907.5	4	20	21.75	5	10	2525	/	/	/	/	/	/	21.67	21.38
CA_2A-5A-66A	2	2_13	2	5	12	6	1	25	19175	1907.5	5	10	2525	66	20	66786	/	/	/	/	/	/	21.67	21.31
CA_2A-46A-46C-66A	2	5	2	5	12	6	1	25	19175	1907.5	46	20	50690	46	20	50692	46	20	50890	66	20	66786	22.94	22.43
CA_2A-46A-46D	2	5	2	5	12	6	1	25	19175	1907.5	46	20	50690	46	20	50492	46	20	50690	46	20	50888	22.94	22.42
CA_2A-46A-48C-66A	2	5	2	5	12	6	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	66	20	66786	22.94	22.82
CA_2A-46A-48D	2	5	2	5	12	6	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	48	20	55736	22.94	22.35
CA_2A-46C-48A-66A	2	5	2	5	12	6	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55990	66	20	66786	22.94	22.45
CA_2A-46C-48C	2	5	2	5	12	6	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55340	48	20	55538	22.94	22.74
CA_2A-46D-48A	2	5	2	5	12	6	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	48	20	55990	22.94	22.47
CA_2A-46D-66A	2	5	2	5	12	6	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	66	20	66786	22.94	22.62
CA_2A-46E	2	5	2	5	12	6	1	25	19175	1907.5	46	20	50490	46	20	50688	46	20	50889	46	20	51090	22.94	22.50
CA_2A-12A-66A-66A	2	5	2	5	12	6	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66786	/	/	/	22.94	22.40
CA_2A-12A-66C	2	5	2	5	12	6	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66734	/	/	/	22.94	22.55
CA_2A-2A-12A-66A	2	5	2	5	12	6	1	25	19175	1907.5	2	20	700	12	10	5095	66	20	66786	/	/	/	22.94	22.50
CA_2A-2A-4A-12A	2	5	2	5	12	6	1	25	19175	1907.5	2	20	700	4	20	2175	12	10	5095	/	/	/	22.94	22.50
CA_2A-2A-4A-71A	2	5	2	5	12	6	1	25	19175	1907.5	2	20	700	4	20	2175	71	20	68786	/	/	/	22.94	22.71
CA_2A-2A-66A-66A	2	5	2	5	12	6	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66786	/	/	/	22.94	22.72
CA_2A-2A-66A-71A	2	5	2	5	12	6	1	25	19175	1907.5	2	20	700	66	20	66786	71	20	68786	/	/	/	22.94	22.53
CA_2A-2A-66C	2	5	2	5	12	6	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66734	/	/	/	22.94	22.71
CA_2A-46A-46A-66A	2	5	2	5	12	6	1	25	19175	1907.5	46	20	50692	46	20	50890	66	20	66786	/	/	/	22.94	22.79
CA_2A-46A-48A-66A	2	5	2	5	12	6	1	25	19175	1907.5	46	20	50690	48	20	55990	66	20	66786	/	/	/	22.94	22.65
CA_2A-4A-4A-12A	2	5	2	5	12	6	1	25	19175	1907.5	4	20	2050	4	20	2300	12	10	5095	/	/	/	22.94	22.50
CA_2A-66A-66A-71A	2	5	2	5	12	6	1	25	19175	1907.5	66	20	66536	66	20	66786	71	20	68786	/	/	/	22.94	22.67
CA_2A-66C-71A	2	5	2	5	12	6	1	25	19175	1907.5	66	20	66536	66	20	66734	71	20	68786	/	/	/	22.94	22.40
CA_2C-66A-66A	2	5	2	20	50	50	1	99	19100	1900	2	20	902	66	20	66536	66	20	66734	/	/	/	22.80	22.79
CA_2A-48A-48A	2	5	2	5	12	6	1	25	19175	1907.5	48	20	55340	48	20	56640	/	/	/	/	/	/	22.94	22.79
CA_2A-4A-5A	2	5	2	5	12	6	1	25	19175	1907.5	4	20	21.75	5	10	2525	/	/	/	/	/	/	22.94	22.63
CA_2A-5A-66A	2	5	2	5	12	6	1	25	19175	1907.5	5	10	2525	66	20	66786	/	/	/	/	/	/	22.94	22.70
CA_2A-46A-46C-66A	2	11	2	5	1	12	1	25	19175	1907.5	46	20	50690	46	20	50692	46	20	50890	66	20	66786	14.62	14.54
CA_2A-46A-46D	2	11	2	5	1	12	1	25	19175	1907.5	46	20	50690	46	20	50492	46	20	50690	46	20	50888	14.62	14.12
CA_2A-46A-48C-66A	2	11	2	5	1	12	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	66	20	66786	14.62	14.32
CA_2A-46A-48D	2	11	2	5	1	12	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	48	20	55736	14.62	14.19
CA_2A-46C-48A-66A	2	11	2	5	1	12	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55990	66	20	66786	14.62	14.16
CA_2A-46C-48C	2	11	2	5	1	12	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55340	48	20	55538	14.62	14.41
CA_2A-46D-48A	2	11	2	5	1	12	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	48	20	55990	14.62	14.48
CA_2A-46D-66A	2	11	2	5	1	12	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	66	20	66786	14.62	14.58
CA_2A-46E	2	11	2	5	1	12	1	25	19175	1907.5	46	20	50490	46	20	50688	46	20	50889	46	20	51090	14.62	14.41
CA_2A-12A-66A-66A	2	11	2	5	1	12	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66786	/	/	/	14.62	14.25
CA_2A-12A-66C	2	11	2	5	1	12	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66734	/	/	/	14.62	14.17
CA_2A-2A-12A-66A	2	11	2	5	1	12	1	25	19175	1907.5	2	20	700	12	10	5095	66	20	66786	/	/	/	14.62	14.27
CA_2A-2A-4A-12A	2	11	2	5	1	12	1	25	19175	1907.5	2	20	700	4	20	2175	12	10	5095	/	/	/	14.62	14.29
CA_2A-2A-4A-71A	2	11	2	5	1	12	1	25	19175	1907.5	2	20	700	4	20	2175	71	20	68786	/	/	/	14.62	14.58
CA_2A-2A-66A-66A	2	11	2	5	1	12	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66786	/	/	/	14.62	14.52
CA_2A-2A-66A-71A	2	11	2	5	1	12	1	25	19175	1907.5	2	20	700	66	20	66786	71	20	68786	/	/	/	14.62	14.42
CA_2A-2A-66C	2	11	2	5	1	12	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66734	/	/	/	14.62	14.28
CA_2A-46A-46A-66A	2	11	2	5	1	12	1	25	19175	1907.5	46	20	50692	46	20	50890	66	20	66786	/	/	/	14.62	14.28
CA_2A-46A-48A-66A	2	11	2	5	1	12	1	25	19175	1907.5	46	20	50690	48	20	55990	66	20	66786	/	/	/	14.62	14.43
CA_2A-4A-4A-12A	2	11	2	5	1	12	1	25	19175	1907.5	4	20	2050	4	20	2300	12	10	5095	/	/	/	14.62	14.35
CA_2A-66A-66A-71A	2	11	2	5	1	12	1	25	19175	1907.5	66	20	66536	66	20	66786	71	20	68786	/	/	/	14.62	14.26
CA_2A-66C-71A	2	11	2	5	1	12	1	25	19175	1907.5	66	20	66536	66	20	66734	71	20	68786	/	/	/	14.62	14.49
CA_2C-66A-66A	2	11	2	20	50	50	1	99	19100	1900	2	20	902	66	20	66536	66	20	66734	/	/	/	14.48	14.49
CA_2A-48A-48A	2	11	2	5	1	12	1	25	19175	1907.5	48	20	55340	48	20	56640	/	/	/	/	/	/	14.62	14.26
CA_2A-4A-5A	2	11	2	5	1	12	1	25	19175	1907.5	4	20	21.75	5	10	2525	/	/	/	/	/	/	14.62	14.25
CA_2A-5A-66A	2	11	2	5	1	12	1	25	19175	1907.5	5	10	2525	66	20	66786	/	/	/	/	/	/	14.62	14.21

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DL LTE CA Class	TX ANT	DSI	PCC								SCC1			SCC2			SCC3			SCC4			Power	
			PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	PCC UL Frequency	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTETx Power(dBm)	Rel 10 DL LTE CA Tx Power(dBm)
CA_2A-46A-46C-66A	3	1_2	2	5	1	12	1	25	19175	1907.5	46	20	50690	46	20	50692	46	20	50890	66	20	66786	23.52	23.36
CA_2A-46A-46D	3	1_2	2	5	1	12	1	25	19175	1907.5	46	20	50690	46	20	50492	46	20	50690	46	20	50888	23.52	23.39
CA_2A-46A-48C-66A	3	1_2	2	5	1	12	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	66	20	66786	23.52	23.11
CA_2A-46A-48D	3	1_2	2	5	1	12	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	48	20	55736	23.52	23.17
CA_2A-46C-48A-66A	3	1_2	2	5	1	12	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55990	66	20	66786	23.52	23.14
CA_2A-46C-48C	3	1_2	2	5	1	12	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55340	48	20	55538	23.52	23.44
CA_2A-46D-48A	3	1_2	2	5	1	12	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	48	20	55990	23.52	23.20
CA_2A-46D-66A	3	1_2	2	5	1	12	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	66	20	66786	23.52	23.22
CA_2A-46E	3	1_2	2	5	1	12	1	25	19175	1907.5	46	20	50490	46	20	50688	46	20	50889	46	20	51090	23.52	23.02
CA_2A-12A-66A-66A	3	1_2	2	5	1	12	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66786	/	/	/	23.52	23.33
CA_2A-12A-66C	3	1_2	2	5	1	12	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66734	/	/	/	23.52	23.33
CA_2A-2A-12A-66A	3	1_2	2	5	1	12	1	25	19175	1907.5	2	20	700	12	10	5095	66	20	66786	/	/	/	23.52	23.18
CA_2A-2A-4A-12A	3	1_2	2	5	1	12	1	25	19175	1907.5	2	20	700	4	20	2175	12	10	5095	/	/	/	23.52	23.08
CA_2A-2A-4A-71A	3	1_2	2	5	1	12	1	25	19175	1907.5	2	20	700	4	20	2175	71	20	68786	/	/	/	23.52	23.06
CA_2A-2A-66A-66A	3	1_2	2	5	1	12	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66786	/	/	/	23.52	23.37
CA_2A-2A-66A-71A	3	1_2	2	5	1	12	1	25	19175	1907.5	2	20	700	66	20	66786	71	20	68786	/	/	/	23.52	23.43
CA_2A-2A-66C	3	1_2	2	5	1	12	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66734	/	/	/	23.52	23.44
CA_2A-46A-46A-66A	3	1_2	2	5	1	12	1	25	19175	1907.5	46	20	50692	46	20	50890	66	20	66786	/	/	/	23.52	23.20
CA_2A-46A-48A-66A	3	1_2	2	5	1	12	1	25	19175	1907.5	46	20	50690	48	20	55990	66	20	66786	/	/	/	23.52	23.24
CA_2A-4A-4A-12A	3	1_2	2	5	1	12	1	25	19175	1907.5	4	20	2050	4	20	2300	12	10	5095	/	/	/	23.52	23.31
CA_2A-66A-66A-71A	3	1_2	2	5	1	12	1	25	19175	1907.5	66	20	66536	66	20	66786	71	20	68786	/	/	/	23.52	23.42
CA_2A-66C-71A	3	1_2	2	5	1	12	1	25	19175	1907.5	66	20	66536	66	20	66734	71	20	68786	/	/	/	23.52	23.21
CA_2C-66A-66A	3	1_2	2	20	1	50	1	99	19100	1900	2	20	902	66	20	66536	66	20	66734	/	/	/	23.44	23.18
CA_2A-48A-48A	3	1_2	2	5	1	12	1	25	19175	1907.5	48	20	55340	48	20	56640	/	/	/	/	/	/	23.52	23.02
CA_2A-4A-5A	3	1_2	2	5	1	12	1	25	19175	1907.5	4	20	21.75	5	10	2525	/	/	/	/	/	/	23.52	23.10
CA_2A-5A-66A	3	1_2	2	5	1	12	1	25	19175	1907.5	5	10	2525	66	20	66786	/	/	/	/	/	/	23.52	23.29
CA_2A-46A-46C-66A	3	5_13	2	5	1	12	1	25	19175	1907.5	46	20	50690	46	20	50692	46	20	50890	66	20	66786	24.18	24.01
CA_2A-46A-46D	3	5_13	2	5	1	12	1	25	19175	1907.5	46	20	50690	46	20	50492	46	20	50690	46	20	50888	24.18	23.98
CA_2A-46A-48C-66A	3	5_13	2	5	1	12	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	66	20	66786	24.18	23.91
CA_2A-46A-48D	3	5_13	2	5	1	12	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	48	20	55736	24.18	23.77
CA_2A-46C-48A-66A	3	5_13	2	5	1	12	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55990	66	20	66786	24.18	24.00
CA_2A-46C-48C	3	5_13	2	5	1	12	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55340	48	20	55538	24.18	24.02
CA_2A-46D-48A	3	5_13	2	5	1	12	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	48	20	55990	24.18	23.96
CA_2A-46D-66A	3	5_13	2	5	1	12	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	66	20	66786	24.18	24.07
CA_2A-46E	3	5_13	2	5	1	12	1	25	19175	1907.5	46	20	50490	46	20	50688	46	20	50889	46	20	51090	24.18	24.06
CA_2A-12A-66A-66A	3	5_13	2	5	1	12	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66786	/	/	/	24.18	23.76
CA_2A-12A-66C	3	5_13	2	5	1	12	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66734	/	/	/	24.18	23.93
CA_2A-2A-12A-66A	3	5_13	2	5	1	12	1	25	19175	1907.5	2	20	700	12	10	5095	66	20	66786	/	/	/	24.18	23.73
CA_2A-2A-4A-12A	3	5_13	2	5	1	12	1	25	19175	1907.5	2	20	700	4	20	2175	12	10	5095	/	/	/	24.18	23.94
CA_2A-2A-4A-71A	3	5_13	2	5	1	12	1	25	19175	1907.5	2	20	700	4	20	2175	71	20	68786	/	/	/	24.18	23.98
CA_2A-2A-66A-66A	3	5_13	2	5	1	12	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66786	/	/	/	24.18	24.02
CA_2A-2A-66A-71A	3	5_13	2	5	1	12	1	25	19175	1907.5	2	20	700	66	20	66786	71	20	68786	/	/	/	24.18	23.88
CA_2A-2A-66C	3	5_13	2	5	1	12	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66734	/	/	/	24.18	23.91
CA_2A-46A-46A-66A	3	5_13	2	5	1	12	1	25	19175	1907.5	46	20	50692	46	20	50890	66	20	66786	/	/	/	24.18	23.90
CA_2A-46A-48A-66A	3	5_13	2	5	1	12	1	25	19175	1907.5	46	20	50690	48	20	55990	66	20	66786	/	/	/	24.18	23.85
CA_2A-4A-4A-12A	3	5_13	2	5	1	12	1	25	19175	1907.5	4	20	2050	4	20	2300	12	10	5095	/	/	/	24.18	24.08
CA_2A-66A-66A-71A	3	5_13	2	5	1	12	1	25	19175	1907.5	66	20	66536	66	20	66786	71	20	68786	/	/	/	24.18	23.96
CA_2A-66C-71A	3	5_13	2	5	1	12	1	25	19175	1907.5	66	20	66536	66	20	66734	71	20	68786	/	/	/	24.18	23.96
CA_2C-66A-66A	3	5_13	2	20	1	50	1	99	19100	1900	2	20	902	66	20	66536	66	20	66734	/	/	/	23.93	23.91
CA_2A-48A-48A	3	5_13	2	5	1	12	1	25	19175	1907.5	48	20	55340	48	20	56640	/	/	/	/	/	/	24.18	23.85
CA_2A-4A-5A	3	5_13	2	5	1	12	1	25	19175	1907.5	4	20	21.75	5	10	2525	/	/	/	/	/	/	24.18	23.87
CA_2A-5A-66A	3	5_13	2	5	1	12	1	25	19175	1907.5	5	10	2525	66	20	66786	/	/	/	/	/	/	24.18	23.72
CA_2A-46A-46C-66A	3	11_12	2	5	12	6	1	25	19175	1907.5	46	20	50690	46	20	50692	46	20	50890	66	20	66786	15.43	15.32
CA_2A-46A-46D	3	11_12	2	5	12	6	1	25	19175	1907.5	46	20	50690	46	20	50492	46	20	50690	46	20	50888	15.43	15.09
CA_2A-46A-48C-66A	3	11_12	2	5	12	6	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	66	20	66786	15.43	14.89
CA_2A-46A-48D	3	11_12	2	5	12	6	1	25	19175	1907.5	46	20	50690	48	20	55340	48	20	55538	48	20	55736	15.43	15.02
CA_2A-46C-48A-66A	3	11_12	2	5	12	6	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55990	66	20	66786	15.43	15.16
CA_2A-46C-48C	3	11_12	2	5	12	6	1	25	19175	1907.5	46	20	50692	46	20	50890	48	20	55340	48	20	55538	15.43	15.08
CA_2A-46D-48A	3	11_12	2	5	12	6	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	48	20	55990	15.43	15.24
CA_2A-46D-66A	3	11_12	2	5	12	6	1	25	19175	1907.5	46	20	50492	46	20	50690	46	20	50888	66	20	66786	15.43	14.94
CA_2A-46E	3	11_12	2	5	12	6	1	25	19175	1907.5	46	20	50490	46	20	50688	46	20	50889	46	20	51090	15.43	14.91
CA_2A-12A-66A-66A	3	11_12	2	5	12	6	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66786	/	/	/	15.43	14.95
CA_2A-12A-66C	3	11_12	2	5	12	6	1	25	19175	1907.5	12	10	5095	66	20	66536	66	20	66734	/	/	/	15.43	15.32
CA_2A-2A-12A-66A	3	11_12	2	5	12	6	1	25	19175	1907.5	2	20	700	12	10	5095	66	20	66786	/	/	/	15.43	15.28
CA_2A-2A-4A-12A	3	11_12	2	5	12	6	1	25	19175	1907.5	2	20	700	4	20	2175	12	10	5095	/	/	/	15.43	14.92
CA_2A-2A-4A-71A	3	11_12	2	5	12	6	1	25	19175	1907.5	2	20	700	4	20	2175	71	20	68786	/	/	/	15.43	15.09
CA_2A-2A-66A-66A	3	11_12	2	5	12	6	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66786	/	/	/	15.43	14.96
CA_2A-2A-66A-71A	3	11_12	2	5	12	6	1	25	19175	1907.5	2	20	700	66	20	66786	71	20	68786	/	/	/	15.43	15.37
CA_2A-2A-66C	3	11_12	2	5	12	6	1	25	19175	1907.5	2	20	700	66	20	66536	66	20	66734	/	/	/	15.43	15.02
CA_2A-46A-46A-66A	3	11_12	2	5	12	6	1	25	19175	1907.5	46	20	50692	46	20	50890	66	20	66786	/	/	/	15.43	15.22
CA_2A-46A-48A-66A	3	11_12	2	5	12	6	1	25	19175	1907.5	46	20	50690	48	20	55990	66	20	66786	/	/	/	15.43	15.15
CA_2A-4A-4A-12A	3	11_12	2	5	12	6	1	25	19175	1907.5	4	20	2050	4	20	2300	12	10	5095	/	/	/	15.43	15.08
CA_2A-66A-66A-71A	3	11_12	2	5	12	6	1	25	19175	1907.5	66	20	66536	66	20	66786	71	20	68786	/	/	/	15.43	15.02
CA_2A-66C-71A	3	11_12	2	5	12	6	1	25	19175	1907.5	66	20	66536	66	20	66734	71	20	68786	/	/	/	15.43	15.06
CA_2C-66A-66A	3	11_12	2	20	50	50	1	99	19100	1900	2	20	902	66	20	66536	66	20	66734	/	/	/	15.23	15.26
CA_2A-48A-48A	3	11_12	2	5	12	6	1	25	19175	1907.5	48	20	55340	48	20	56640	/	/	/	/	/	/	15.43	15.27
CA_2A-4A-5A	3	11_12	2	5	12	6	1	25	19175	1907.5	4	20	21.75	5	10	2525	/	/	/	/	/	/	15.43	15.39
CA_2A-5A-66A	3	11_12	2	5	12	6	1	25	19175	1907.5	5	10	2525	66	20	66786	/	/	/	/	/	/	15.43	14.96

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DL LTE CA Class	TX ANT	DSI	PCC								SCC1			SCC2			SCC3			SCC4			Power	
			PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	PCC UL Frequency	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTETx Power(dBm)	Rel 10 DL LTE CA Tx Power(dBm)
CA_4A-46A-46D	2	1_5	4	5	12	6	1	25	19975	1712.5	46	20	50690	46	20	50492	46	20	50690	46	20	50888	23.30	23.23
CA_4A-2A-2A-12A	2	1_5	4	5	12	6	1	25	19975	1712.5	2	20	700	2	20	1100	12	10	5095	/	/	/	23.30	23.26
CA_4A-2A-2A-71A	2	1_5	4	5	12	6	1	25	19975	1712.5	2	20	700	2	20	1100	71	20	68786	/	/	/	23.30	22.96
CA_4A-46A-46C	2	1_5	4	5	12	6	1	25	19975	1712.5	46	20	50690	46	20	50692	46	20	50890	/	/	/	23.30	23.01
CA_4A-46D	2	1_5	4	5	12	6	1	25	19975	1712.5	46	20	50492	46	20	50690	46	20	50888	/	/	/	23.30	23.06
CA_4A-4A-2A-12A	2	1_5	4	20	50	50	1	99	20300	1745	4	20	2050	2	20	900	12	10	5095	/	/	/	23.25	23.16
CA_4A-46A-46A	2	1_5	4	5	12	6	1	25	19975	1712.5	46	20	50692	46	20	50890	/	/	/	/	/	/	23.30	23.05
CA_4A-46C	2	1_5	4	5	12	6	1	25	19975	1712.5	46	20	50692	46	20	50890	/	/	/	/	/	/	23.30	23.10
CA_4A-4A-71A	2	1_5	4	20	50	50	1	99	20300	1745	4	20	2050	71	20	68786	/	/	/	/	/	/	23.25	23.02
CA_4A-46A-46D	2	2	4	5	12	6	1	25	19975	1712.5	46	20	50690	46	20	50492	46	20	50690	46	20	50888	21.68	21.13
CA_4A-2A-2A-12A	2	2	4	5	12	6	1	25	19975	1712.5	2	20	700	2	20	1100	12	10	5095	/	/	/	21.68	21.11
CA_4A-2A-2A-71A	2	2	4	5	12	6	1	25	19975	1712.5	2	20	700	2	20	1100	71	20	68786	/	/	/	21.68	21.23
CA_4A-46A-46C	2	2	4	5	12	6	1	25	19975	1712.5	46	20	50690	46	20	50692	46	20	50890	/	/	/	21.68	21.14
CA_4A-46D	2	2	4	5	12	6	1	25	19975	1712.5	46	20	50492	46	20	50690	46	20	50888	/	/	/	21.68	21.22
CA_4A-4A-2A-12A	2	2	4	20	50	50	1	99	20300	1745	4	20	2050	2	20	900	12	10	5095	/	/	/	21.59	21.22
CA_4A-46A-46A	2	2	4	5	12	6	1	25	19975	1712.5	46	20	50692	46	20	50890	/	/	/	/	/	/	21.68	21.56
CA_4A-46C	2	2	4	5	12	6	1	25	19975	1712.5	46	20	50692	46	20	50890	/	/	/	/	/	/	21.68	21.15
CA_4A-4A-71A	2	2	4	20	50	50	1	99	20300	1745	4	20	2050	71	20	68786	/	/	/	/	/	/	21.59	21.39
CA_4A-46A-46D	2	11_12	4	20	1	99	1	99	20300	1745	46	20	50690	46	20	50492	46	20	50690	46	20	50888	14.32	14.08
CA_4A-2A-2A-12A	2	11_12	4	20	1	99	1	99	20300	1745	2	20	700	2	20	1100	12	10	5095	/	/	/	14.32	14.20
CA_4A-2A-2A-71A	2	11_12	4	20	1	99	1	99	20300	1745	2	20	700	2	20	1100	71	20	68786	/	/	/	14.32	14.12
CA_4A-46A-46C	2	11_12	4	20	1	99	1	99	20300	1745	46	20	50690	46	20	50692	46	20	50890	/	/	/	14.32	14.28
CA_4A-46D	2	11_12	4	20	1	99	1	99	20300	1745	46	20	50492	46	20	50690	46	20	50888	/	/	/	14.32	14.01
CA_4A-4A-2A-12A	2	11_12	4	20	1	99	1	99	20300	1745	4	20	2050	2	20	900	12	10	5095	/	/	/	14.32	14.05
CA_4A-46A-46A	2	11_12	4	20	1	99	1	99	20300	1745	46	20	50692	46	20	50890	/	/	/	/	/	/	14.32	14.03
CA_4A-46C	2	11_12	4	20	1	99	1	99	20300	1745	46	20	50692	46	20	50890	/	/	/	/	/	/	14.32	14.25
CA_4A-4A-71A	2	11_12	4	20	1	99	1	99	20300	1745	4	20	2050	71	20	68786	/	/	/	/	/	/	14.32	14.15
CA_4A-46A-46D	2	11_12	4	20	50	50	1	99	20300	1745	46	20	50690	46	20	50492	46	20	50690	46	20	50888	21.10	20.86
CA_4A-2A-2A-12A	2	11_12	4	20	50	50	1	99	20300	1745	2	20	700	2	20	1100	12	10	5095	/	/	/	21.10	20.91
CA_4A-2A-2A-71A	2	11_12	4	20	50	50	1	99	20300	1745	2	20	700	2	20	1100	71	20	68786	/	/	/	21.10	20.82
CA_4A-46A-46C	2	11_12	4	20	50	50	1	99	20300	1745	46	20	50690	46	20	50692	46	20	50890	/	/	/	21.10	20.72
CA_4A-46D	2	11_12	4	20	50	50	1	99	20300	1745	46	20	50492	46	20	50690	46	20	50888	/	/	/	21.10	20.97
CA_4A-4A-2A-12A	2	11_12	4	20	50	50	1	99	20300	1745	4	20	2050	2	20	900	12	10	5095	/	/	/	21.10	20.88
CA_4A-46A-46A	2	11_12	4	20	50	50	1	99	20300	1745	46	20	50692	46	20	50890	/	/	/	/	/	/	21.10	20.77
CA_4A-46C	2	11_12	4	20	50	50	1	99	20300	1745	46	20	50692	46	20	50890	/	/	/	/	/	/	21.10	20.99
CA_4A-4A-71A	2	11_12	4	20	50	50	1	99	20300	1745	4	20	2050	71	20	68786	/	/	/	/	/	/	21.10	20.98
CA_4A-46A-46D	3	1_2_5_13	4	20	1	50	1	99	20050	1720	46	20	50690	46	20	50492	46	20	50690	46	20	50888	24.21	23.89
CA_4A-2A-2A-12A	3	1_2_5_13	4	20	1	50	1	99	20050	1720	2	20	700	2	20	1100	12	10	5095	/	/	/	24.21	23.97
CA_4A-2A-2A-71A	3	1_2_5_13	4	20	1	50	1	99	20050	1720	2	20	700	2	20	1100	71	20	68786	/	/	/	24.21	23.94
CA_4A-46A-46C	3	1_2_5_13	4	20	1	50	1	99	20050	1720	46	20	50690	46	20	50692	46	20	50890	/	/	/	24.21	24.02
CA_4A-46D	3	1_2_5_13	4	20	1	50	1	99	20050	1720	46	20	50492	46	20	50690	46	20	50888	/	/	/	24.21	23.93
CA_4A-4A-2A-12A	3	1_2_5_13	4	20	1	50	1	99	20050	1720	4	20	2300	2	20	900	12	10	5095	/	/	/	24.21	23.93
CA_4A-46A-46A	3	1_2_5_13	4	20	1	50	1	99	20050	1720	46	20	50692	46	20	50890	/	/	/	/	/	/	24.21	23.93
CA_4A-46C	3	1_2_5_13	4	20	1	50	1	99	20050	1720	46	20	50692	46	20	50890	/	/	/	/	/	/	24.21	24.04
CA_4A-4A-71A	3	1_2_5_13	4	20	1	50	1	99	20050	1720	4	20	2300	71	20	68786	/	/	/	/	/	/	24.21	23.95
CA_4A-46A-46D	3	11_12	4	20	1	0	1	99	20300	1745	46	20	50690	46	20	50492	46	20	50690	46	20	50888	16.20	16.00
CA_4A-2A-2A-12A	3	11_12	4	20	1	0	1	99	20300	1745	2	20	700	2	20	1100	12	10	5095	/	/	/	16.20	15.90
CA_4A-2A-2A-71A	3	11_12	4	20	1	0	1	99	20300	1745	2	20	700	2	20	1100	71	20	68786	/	/	/	16.20	15.72
CA_4A-46A-46C	3	11_12	4	20	1	0	1	99	20300	1745	46	20	50690	46	20	50692	46	20	50890	/	/	/	16.20	16.03
CA_4A-46D	3	11_12	4	20	1	0	1	99	20300	1745	46	20	50492	46	20	50690	46	20	50888	/	/	/	16.20	15.81
CA_4A-4A-2A-12A	3	11_12	4	20	1	0	1	99	20300	1745	4	20	2050	2	20	900	12	10	5095	/	/	/	16.20	15.91
CA_4A-46A-46A	3	11_12	4	20	1	0	1	99	20300	1745	46	20	50692	46	20	50890	/	/	/	/	/	/	16.20	15.76
CA_4A-46C	3	11_12	4	20	1	0	1	99	20300	1745	46	20	50692	46	20	50890	/	/	/	/	/	/	16.20	15.79
CA_4A-4A-71A	3	11_12	4	20	1	0	1	99	20300	1745	4	20	2050	71	20	68786	/	/	/	/	/	/	16.20	16.03

DL LTE CA Class	TX ANT	DSI	PCC								SCC1			SCC2			Power	
			PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	PCC UL Frequency	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTETx Power(dBm)	Rel 10 DL LTE CA Tx Power(dBm)
CA_5A_2A-66A	0	1_2_5_13	12	5	1	12	1	24	20425	826.5	2	20	900	66	20	66786	25.5	25.23
CA_5A_2A-4A	0	1_2_5_13	12	5	1	12	1	24	20425	826.5	2	20	900	4	20	2175	25.5	25.08
CA_5A_2A-66A	0	11_12	12	10	1	0	1	49	20525	836.5	2	20	900	66	20	66786	18.3	18.01
CA_5A_2A-4A	0	11_12	12	10	1	0	1	49	20525	836.5	2	20	900	4	20	2175	18.3	18.2
CA_5A_2A-66A	1	1_2_5_12_13	12	5	1	12	1	24	20525	836.5	2	20	900	66	20	66786	24.03	23.79
CA_5A_2A-4A	1	1_2_5_12_13	12	5	1	12	1	24	20525	836.5	2	20	900	4	20	2175	24.03	23.85
CA_5A_2A-66A	1	11	12	5	12	6	1	24	20425	826.5	2	20	900	66	20	66786	18.83	18.63
CA_5A_2A-4A	1	11	12	5	12	6	1	24	20425	826.5	2	20	900	4	20	2175	18.83	18.66

DL LTE CA Class	TX ANT	DSI	PCC								SCC1			SCC2			SCC3			Power	
			PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	PCC UL Frequency	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTETx Power(dBm)	Rel 10 DL LTE CA Tx Power(dBm)
CA_12A-4A-4A-2A	0	1_2_5_13	12	10	1	24	1	49	23095	707.5	4	20	2050	4	20	2300	2	20	900	25.31	24.88
CA_12A-2A-2A-4A	0	1_2_5_13	12	10	1	24	1	49	23095	707.5	2	20	700	2	20	1100	4	20	2175	25.31	25.03
CA_12A-2A-2A-66A	0	1_2_5_13	12	10	1	24	1	49	23095	707.5	2	20	700	2	20	1100	66	20	66786	25.31	24.98
CA_12A-2A-66C	0	1_2_5_13	12	10	1	24	1	49	23095	707.5	2	20	900	66	20	66536	66	20	66734	25.31	25.02
CA_12A-2A-66A-66A	0	1_2_5_13	12	10	1	24	1	49	23095	707.5	2	20	900	66	20	66536	66	20	66734	25.31	25.07
CA_12A-4A-4A-2A	0	11_12	12	5	1	12	1	24	23095	707.5	4	20	2050	4	20	2300	2	20	900	19.14	19.08
CA_12A-2A-2A-4A	0	11_12	12	5	1	12	1	24	23095	707.5	2	20	700	2	20	1100	4	20	2175	19.14	18.68
CA_12A-2A-2A-66A	0	11_12	12	5	1	12	1	24	23095	707.5	2	20	700	2	20	1100	66	20	66786	19.14	18.98
CA_12A-2A-66C	0	11_12	12	5	1	12	1	24	23095	707.5	2	20	900	66	20	66536	66	20	66734	19.14	19.04
CA_12A-2A-66A-66A	0	11_12	12	5	1	12	1	24	23095	707.5	2	20	900	66	20	66536	66	20	66734	19.14	18.7
CA_12A-4A-4A-2A	1	1_2_5_12_13	12	1.4	1	0	1	5	23173	715.3	4	20	2050	4	20	2300	2	20	900	24.48	24.21
CA_12A-2A-2A-4A	1	1_2_5_12_13	12	1.4	1	0	1	5	23173	715.3	2	20	700	2	20	1100	4	20	2175	24.48	24.33
CA_12A-2A-2A-66A	1	1_2_5_12_13	12	1.4	1	0	1	5	23173	715.3	2	20	700	2	20	1100	66	20	66786	24.48	24.27
CA_12A-2A-66C	1	1_2_5_12_13	12	1.4	1	0	1	5	23173	715.3	2	20	900	66	20	66536	66	20	66734	24.48	24.06
CA_12A-2A-66A-66A	1	1_2_5_12_13	12	1.4	1	0	1	5	23173	715.3	2	20	900	66	20	66536	66	20	66734	24.48	24.09
CA_12A-4A-4A-2A	0	11	12	3	8	7	1	14	23095	707.5	4	20	2050	4	20	2300	2	20	900	17.71	17.49
CA_12A-2A-2A-4A	0	11	12	3	8	7	1	14	23095	707.5	2	20	700	2	20	1100	4	20	2175	17.71	17.68
CA_12A-2A-2A-66A	0	11	12	3	8	7	1	14	23095	707.5	2	20	700	2	20	1100	66	20	66786	17.71	17.53
CA_12A-2A-66C	0	11	12	3	8	7	1	14	23095	707.5	2	20	900	66	20	66536	66	20	66734	17.71	17.33
CA_12A-2A-66A-66A	0	11	12	3	8	7	1	14	23095	707.5	2	20	900	66	20	66536	66	20	66734	17.71	17.27

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DL LTE CA Class	TX ANT	DSI	PCC								SCC1			SCC2			SCC3			Power	
			PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	PCC UL Frequency	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTETx Power(dBm)	Rel 10 DL LTE CA Tx Power(dBm)
CA_25A-41D	2	1	25	5	12	6	1	25	26065	1852.5	41	20	40620	41	20	40437	41	20	40803	22.61	22.57
CA_25A-41A	2	1	25	5	12	6	1	25	26065	1852.5	41	20	40620	/	/	/	/	/	/	22.61	22.51
CA_25A-26A	2	1	25	5	12	6	1	25	26065	1852.5	26	15	8865	/	/	/	/	/	/	22.61	22.46
CA_25A-25A	2	1	25	20	1	99	1	99	26140	1860	25	20	8590	/	/	/	/	/	/	22.47	22.50
CA_25A-41D	2	2	25	20	1	0	1	99	26590	1905	41	20	40620	41	20	40437	41	20	40803	21.38	21.13
CA_25A-41A	2	2	25	20	1	0	1	99	26590	1905	41	20	40620	/	/	/	/	/	/	21.38	21.04
CA_25A-26A	2	2	25	20	1	0	1	99	26590	1905	26	15	8865	/	/	/	/	/	/	21.38	21.12
CA_25A-25A	2	2	25	20	1	0	1	99	26590	1905	25	20	8140	/	/	/	/	/	/	21.38	21.08
CA_25A-41D	2	5	25	5	12	6	1	25	26065	1852.5	41	20	40620	41	20	40437	41	20	40803	21.88	21.72
CA_25A-41A	2	5	25	5	12	6	1	25	26065	1852.5	41	20	40620	/	/	/	/	/	/	21.88	21.63
CA_25A-26A	2	5	25	5	12	6	1	25	26065	1852.5	26	15	8865	/	/	/	/	/	/	21.88	21.73
CA_25A-25A	2	5	25	20	50	0	1	99	26140	1860	25	20	8590	/	/	/	/	/	/	21.74	21.77
CA_25A-41D	2	11_12	25	20	1	0	1	99	26590	1905	41	20	40620	41	20	40437	41	20	40803	14.46	14.32
CA_25A-41A	2	11_12	25	20	1	0	1	99	26590	1905	41	20	40620	/	/	/	/	/	/	14.46	14.33
CA_25A-26A	2	11_12	25	20	1	0	1	99	26590	1905	26	15	8865	/	/	/	/	/	/	14.46	14.02
CA_25A-25A	2	11_12	25	20	1	0	1	99	26590	1905	25	20	8140	/	/	/	/	/	/	14.46	14.02
CA_25A-41D	2	13	25	5	12	6	1	25	26065	1852.5	41	20	40620	41	20	40437	41	20	40803	20.90	20.55
CA_25A-41A	2	13	25	5	12	6	1	25	26065	1852.5	41	20	40620	/	/	/	/	/	/	20.90	20.30
CA_25A-26A	2	13	25	5	12	6	1	25	26065	1852.5	26	15	8865	/	/	/	/	/	/	20.90	20.75
CA_25A-25A	2	13	25	20	100	0	1	99	26140	1860	25	20	8590	/	/	/	/	/	/	20.73	20.36
CA_25A-41D	3	1_2	25	20	1	99	1	99	26140	1860	41	20	40620	41	20	40437	41	20	40803	23.70	23.34
CA_25A-41A	3	1_2	25	20	1	99	1	99	26140	1860	41	20	40620	/	/	/	/	/	/	23.70	23.45
CA_25A-26A	3	1_2	25	20	1	99	1	99	26140	1860	26	15	8865	/	/	/	/	/	/	23.70	23.43
CA_25A-25A	3	1_2	25	20	1	99	1	99	26140	1860	25	20	8590	/	/	/	/	/	/	23.70	23.27
CA_25A-41D	3	5_13	25	20	1	99	1	99	26590	1905	41	20	40620	41	20	40437	41	20	40803	24.37	23.87
CA_25A-41A	3	5_13	25	20	1	99	1	99	26590	1905	41	20	40620	/	/	/	/	/	/	24.37	24.11
CA_25A-26A	3	5_13	25	20	1	99	1	99	26590	1905	26	15	8865	/	/	/	/	/	/	24.37	24.04
CA_25A-25A	3	5_13	25	20	1	99	1	99	26590	1905	25	20	8140	/	/	/	/	/	/	24.37	24.22
CA_25A-41D	3	11_12	25	20	1	0	1	99	26590	1905	41	20	40620	41	20	40437	41	20	40803	15.02	14.97
CA_25A-41A	3	11_12	25	20	1	0	1	99	26590	1905	41	20	40620	/	/	/	/	/	/	15.02	14.68
CA_25A-26A	3	11_12	25	20	1	0	1	99	26590	1905	26	15	8865	/	/	/	/	/	/	15.02	14.71
CA_25A-25A	3	11_12	25	20	1	0	1	99	26590	1905	25	20	8140	/	/	/	/	/	/	15.02	14.92

DL LTE CA Class	TX ANT	DSI	PCC								SCC1			SCC2			SCC3			Power	
			PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	PCC UL Frequency	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTETx Power(dBm)	Rel 10 DL LTE CA Tx Power(dBm)
CA_71A-2A-2A-4A	0	1_2_5_13	71	20	1	0	1	99	133222	673	2	20	700	2	20	1100	4	20	2175	24.37	24.21
CA_71A-2A-2A-66A	0	1_2_5_13	71	20	1	0	1	99	133222	673	2	20	700	2	20	1100	66	20	66786	24.37	24.25
CA_71A-2A-66A-66A	0	1_2_5_13	71	20	1	0	1	99	133222	673	2	20	900	66	20	66536	66	20	66786	24.37	24.04
CA_71A-2A-66C	0	1_2_5_13	71	20	1	0	1	99	133222	673	2	20	900	66	20	66536	66	20	66734	24.37	24.09
CA_71A-4A-4A	0	1_2_5_13	71	20	1	0	1	99	133222	673	4	20	2050	4	20	2300	/	/	/	24.37	23.89
CA_71A-2A-2A-4A	0	11_12	71	10	25	12	1	49	133172	668	2	20	700	2	20	1100	4	20	2175	16.49	16.22
CA_71A-2A-2A-66A	0	11_12	71	10	25	12	1	49	133172	668	2	20	700	2	20	1100	66	20	66786	16.49	16.29
CA_71A-2A-66A-66A	0	11_12	71	10	25	12	1	49	133172	668	2	20	900	66	20	66536	66	20	66786	16.49	16.27
CA_71A-2A-66C	0	11_12	71	10	25	12	1	49	133172	668	2	20	900	66	20	66536	66	20	66734	16.49	16.27
CA_71A-4A-4A	0	11_12	71	10	25	12	1	49	133172	668	4	20	2050	4	20	2300	/	/	/	16.49	16.05
CA_71A-2A-2A-4A	1	1_2_5_12_13	71	5	1	12	1	24	133147	665.5	2	20	700	2	20	1100	4	20	2175	23.60	23.34
CA_71A-2A-2A-66A	1	1_2_5_12_13	71	5	1	12	1	24	133147	665.5	2	20	700	2	20	1100	66	20	66786	23.60	23.34
CA_71A-2A-66A-66A	1	1_2_5_12_13	71	5	1	12	1	24	133147	665.5	2	20	900	66	20	66536	66	20	66786	23.60	23.22
CA_71A-2A-66C	1	1_2_5_12_13	71	5	1	12	1	24	133147	665.5	2	20	900	66	20	66536	66	20	66734	23.60	23.48
CA_71A-4A-4A	1	1_2_5_12_13	71	5	1	12	1	24	133147	665.5	4	20	2050	4	20	2300	/	/	/	23.60	23.16
CA_71A-2A-2A-4A	1	11	71	10	25	12	1	49	133172	668	2	20	700	2	20	1100	4	20	2175	19.55	19.30
CA_71A-2A-2A-66A	1	11	71	10	25	12	1	49	133172	668	2	20	700	2	20	1100	66	20	66786	19.55	19.33
CA_71A-2A-66A-66A	1	11	71	10	25	12	1	49	133172	668	2	20	900	66	20	66536	66	20	66786	19.55	19.01
CA_71A-2A-66C	1	11	71	10	25	12	1	49	133172	668	2	20	900	66	20	66536	66	20	66734	19.55	19.44
CA_71A-4A-4A	1	11	71	10	25	12	1	49	133172	668	4	20	2050	4	20	2300	/	/	/	19.55	19.31

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DL LTE CA Class	TX ANT	DSI	PCC								SCC1			SCC2			SCC3			SCC4			Power	
			PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC DL RB size	PCC DL RB offset	PCC UL Channel	PCC UL Frequency	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTETx Power(dBm)	Rel 10 DL LTE CA TxPower(dBm)
CA_66A-46A-46C-2A	2	1_5	66	5	1	12	1	25	131997	1712.5	46	20	50690	46	20	50692	46	20	50890	2	20	900	23.08	22.65
CA_66A-46A-48C-2A	2	1_5	66	5	1	12	1	25	131997	1712.5	46	20	50690	48	20	55340	48	20	55538	2	20	900	23.08	22.87
CA_66A-46C-48A-2A	2	1_5	66	5	1	12	1	25	131997	1712.5	46	20	50692	46	20	50890	48	20	55990	2	20	900	23.08	22.78
CA_66A-46D-2A	2	1_5	66	5	1	12	1	25	131997	1712.5	46	20	50492	46	20	50690	46	20	50888	2	20	900	23.08	22.84
CA_66A-46A-46D	2	1_5	66	5	1	12	1	25	131997	1712.5	46	20	50690	46	20	50492	46	20	50690	46	20	50888	23.08	22.99
CA_66A-46A-48D	2	1_5	66	5	1	12	1	25	131997	1712.5	46	20	50690	48	20	55340	48	20	55538	48	20	55736	23.08	22.97
CA_66A-46D-48A	2	1_5	66	5	1	12	1	25	131997	1712.5	46	20	50492	46	20	50690	46	20	50888	48	20	55990	23.08	22.72
CA_66A-2A-5A	2	1_5	66	5	1	12	1	25	131997	1712.5	2	20	900	5	10	2525	/	/	/	/	/	/	23.08	22.75
CA_66A-46E	2	1_5	66	5	1	12	1	25	131997	1712.5	46	20	50490	46	20	50688	46	20	50889	46	20	51090	23.08	22.71
CA_66A-2A-2A-12A	2	1_5	66	5	1	12	1	25	131997	1712.5	2	20	700	2	20	1100	12	10	5095	/	/	/	23.08	22.75
CA_66A-2A-2A-71A	2	1_5	66	5	1	12	1	25	131997	1712.5	2	20	700	2	20	1100	71	20	68786	/	/	/	23.08	22.85
CA_66A-46A-46A-2A	2	1_5	66	5	1	12	1	25	131997	1712.5	46	20	50692	46	20	50890	2	20	900	/	/	/	23.08	22.71
CA_66A-46A-48A-2A	2	1_5	66	5	1	12	1	25	131997	1712.5	46	20	50690	48	20	55990	2	20	900	/	/	/	23.08	22.89
CA_66A-66A-2A-12A	2	1_5	66	5	1	12	1	25	131997	1712.5	66	20	67236	2	20	900	12	10	5095	/	/	/	23.08	22.75
CA_66A-66A-2A-2A	2	1_5	66	5	1	12	1	25	131997	1712.5	66	20	67236	2	20	700	2	20	1100	/	/	/	23.08	23.00
CA_66A-66A-2A-71A	2	1_5	66	5	1	12	1	25	131997	1712.5	66	20	67236	2	20	900	71	20	68786	/	/	/	23.08	22.65
CA_66A-66A-2C	2	1_5	66	5	1	12	1	25	131997	1712.5	66	20	67236	2	20	700	2	20	898	/	/	/	23.08	22.83
CA_66C-2A-12A	2	1_5	66	20	50	25	1	99	132572	1770	66	20	67234	2	20	900	12	10	5095	/	/	/	22.88	22.76
CA_66C-2A-2A	2	1_5	66	20	50	25	1	99	132572	1770	66	20	67234	2	20	700	2	20	1100	/	/	/	22.88	22.84
CA_66C-2A-71A	2	1_5	66	20	50	25	1	99	132572	1770	66	20	67234	2	20	900	71	20	68786	/	/	/	22.88	22.86
CA_66A-46A-46C-2A	2	2	66	20	50	25	1	99	132572	1770	46	20	50690	46	20	50692	46	20	50890	2	20	900	21.77	21.16
CA_66A-46A-48C-2A	2	2	66	20	50	25	1	99	132572	1770	46	20	50690	48	20	55340	48	20	55538	2	20	900	21.77	21.57
CA_66A-46C-48A-2A	2	2	66	20	50	25	1	99	132572	1770	46	20	50692	46	20	50890	48	20	55990	2	20	900	21.77	21.63
CA_66A-46D-2A	2	2	66	20	50	25	1	99	132572	1770	46	20	50492	46	20	50690	46	20	50888	2	20	900	21.77	21.50
CA_66A-46A-46D	2	2	66	20	50	25	1	99	132572	1770	46	20	50690	46	20	50492	46	20	50690	46	20	50888	21.77	21.68
CA_66A-46A-48D	2	2	66	20	50	25	1	99	132572	1770	46	20	50690	48	20	55340	48	20	55538	48	20	55736	21.77	21.45
CA_66A-46D-48A	2	2	66	20	50	25	1	99	132572	1770	46	20	50492	46	20	50690	46	20	50888	48	20	55990	21.77	21.49
CA_66A-2A-5A	2	2	66	20	50	25	1	99	132572	1770	2	20	900	5	10	2525	/	/	/	/	/	/	21.77	21.67
CA_66A-46E	2	2	66	20	50	25	1	99	132572	1770	46	20	50490	46	20	50688	46	20	50889	46	20	51090	21.77	21.18
CA_66A-2A-2A-12A	2	2	66	20	50	25	1	99	132572	1770	2	20	700	2	20	1100	12	10	5095	/	/	/	21.77	21.30
CA_66A-2A-2A-71A	2	2	66	20	50	25	1	99	132572	1770	2	20	700	2	20	1100	71	20	68786	/	/	/	21.77	21.66
CA_66A-46A-46A-2A	2	2	66	20	50	25	1	99	132572	1770	46	20	50692	46	20	50890	2	20	900	/	/	/	21.77	21.66
CA_66A-46A-48A-2A	2	2	66	20	50	25	1	99	132572	1770	46	20	50690	48	20	55990	2	20	900	/	/	/	21.77	21.35
CA_66A-66A-2A-12A	2	2	66	20	50	25	1	99	132572	1770	66	20	66536	2	20	900	12	10	5095	/	/	/	21.77	21.52
CA_66A-66A-2A-2A	2	2	66	20	50	25	1	99	132572	1770	66	20	66536	2	20	700	2	20	1100	/	/	/	21.77	21.40
CA_66A-66A-2A-71A	2	2	66	20	50	25	1	99	132572	1770	66	20	66536	2	20	900	71	20	68786	/	/	/	21.77	21.58
CA_66A-66A-2C	2	2	66	20	50	25	1	99	132572	1770	66	20	66536	2	20	700	2	20	898	/	/	/	21.77	21.62
CA_66C-2A-12A	2	2	66	20	50	25	1	99	132572	1770	66	20	67234	2	20	900	12	10	5095	/	/	/	21.77	21.63
CA_66C-2A-2A	2	2	66	20	50	25	1	99	132572	1770	66	20	67234	2	20	700	2	20	1100	/	/	/	21.77	21.53
CA_66C-2A-71A	2	2	66	20	50	25	1	99	132572	1770	66	20	67234	2	20	900	71	20	68786	/	/	/	21.77	21.69
CA_66A-46A-46C-2A	2	11_12	66	20	50	25	1	99	132572	1770	46	20	50690	46	20	50692	46	20	50890	2	20	900	14.30	14.16
CA_66A-46A-48C-2A	2	11_12	66	20	50	25	1	99	132572	1770	46	20	50690	48	20	55340	48	20	55538	2	20	900	14.30	13.95
CA_66A-46C-48A-2A	2	11_12	66	20	50	25	1	99	132572	1770	46	20	50692	46	20	50890	48	20	55990	2	20	900	14.30	14.04
CA_66A-46D-2A	2	11_12	66	20	50	25	1	99	132572	1770	46	20	50492	46	20	50690	46	20	50888	2	20	900	14.30	13.68
CA_66A-46A-46D	2	11_12	66	20	50	25	1	99	132572	1770	46	20	50690	46	20	50492	46	20	50690	46	20	50888	14.30	13.65
CA_66A-46A-48D	2	11_12	66	20	50	25	1	99	132572	1770	46	20	50690	48	20	55340	48	20	55538	48	20	55736	14.30	13.96
CA_66A-46D-48A	2	11_12	66	20	50	25	1	99	132572	1770	46	20	50492	46	20	50690	46	20	50888	48	20	55990	14.30	13.83
CA_66A-2A-5A	2	11_12	66	20	50	25	1	99	132572	1770	2	20	900	5	10	2525	/	/	/	/	/	/	14.30	14.23
CA_66A-46E	2	11_12	66	20	50	25	1	99	132572	1770	46	20	50490	46	20	50688	46	20	50889	46	20	51090	14.30	14.13
CA_66A-2A-2A-12A	2	11_12	66	20	50	25	1	99	132572	1770	2	20	700	2	20	1100	12	10	5095	/	/	/	14.30	14.15
CA_66A-2A-2A-71A	2	11_12	66	20	50	25	1	99	132572	1770	2	20	700	2	20	1100	71	20	68786	/	/	/	14.30	14.18
CA_66A-46A-46A-2A	2	11_12	66	20	50	25	1	99	132572	1770	46	20	50692	46	20	50890	2	20	900	/	/	/	14.30	13.73
CA_66A-46A-48A-2A	2	11_12	66	20	50	25	1	99	132572	1770	46	20	50690	48	20	55990	2	20	900	/	/	/	14.30	13.76
CA_66A-66A-2A-12A	2	11_12	66	20	50	25	1	99	132572	1770	66	20	66536	2	20	900	12	10	5095	/	/	/	14.30	13.79
CA_66A-66A-2A-2A	2	11_12	66	20	50	25	1	99	132572	1770	66	20	66536	2	20	700	2	20	1100	/	/	/	14.30	14.19
CA_66A-66A-2A-71A	2	11_12	66	20	50	25	1	99	132572	1770	66	20	66536	2	20	900	71	20	68786	/	/	/	14.30	13.71
CA_66A-66A-2C	2	11_12	66	20	50	25	1	99	132572	1770	66	20	66536	2	20	700	2	20	898	/	/	/	14.30	14.22
CA_66C-2A-12A	2	11_12	66	20	50	25	1	99	132572	1770	66	20	67234	2	20	900	12	10	5095	/	/	/	14.30	14.01
CA_66C-2A-2A	2	11_12	66	20	50	25	1	99	132572	1770	66	20	67234	2	20	700	2	20	1100	/	/	/	14.30	13.78
CA_66C-2A-71A	2	11_12	66	20	50	25	1	99	132572	1770	66	20	67234	2	20	900	71	20	68786	/	/	/	14.30	14.09
CA_66A-46A-46C-2A	2	13	66	20	50	50	1	99	132572	1770	46	20	50690	46	20	50692	46	20	50890	2	20	900	20.31	20.16
CA_66A-46A-48C-2A	2	13	66	20	50	50	1	99	132572	1770	46	20	50690	48	20	55340	48	20	55538	2	20	900	20.31	20.23
CA_66A-46C-48A-2A	2	13	66	20	50	50	1	99	132572	1770	46	20	50692	46	20	50890	48	20	55990	2	20	900	20.31	20.05
CA_66A-46D-2A	2	13	66	20	50	50	1	99	132572	1770	46	20	50492	46	20	50690	46	20	50888	2	20	900	20.31	19.96
CA_66A-46A-46D	2	13	66	20	50	50	1	99	132572	1770	46	20	50690	46	20	50492	46	20	50690	46	20	50888	20.31	20.06
CA_66A-46A-48D	2	13	66	20	50	50	1	99	132572	1770	46	20	50690	48	20	55340	48	20	55538	48	20	55736	20.31	20.00
CA_66A-46D-48A	2	13	66	20	50	50	1	99	132572	1770	46	20	50492	46	20	50690	46	20	50888	48	20	55990	20.31	19.85
CA_66A-2A-5A	2	13	66	20	50	50	1	99	132572	1770	2	20	900	5	10	2525	/	/	/	/	/	/	20.31	20.22
CA_66A-46E	2	13	66	20	50	50	1	99	132572	1770	46	20	50490	46	20	50688	46	20	50889	46	20	51090	20.31	19.98
CA_66A-2A-2A-12A	2	13	66	20	50	50	1	99	132572	1770	2	20	700	2	20	1100	12	10	5095	/	/	/	20.31	19.86
CA_66A-2A-2A-71A	2	13	66	20	50	50	1	99	132572	1770	2	20	700	2	20	1100	71	20	68786	/	/	/	20.31	20.02
CA_66A-46A-46A-2A	2	13	66	20	50	50	1	99	132572	1770	46	20	50692	46	20	50890	2	20	900	/	/	/	20.31	19.93
CA_66A-46A-48A-2A	2	13	66	20	50	50	1	99	132572	1770	46	20	50690	48	20	55990	2	20	900	/	/	/	20.31	20.15
CA_66A-66A-2A-12A	2	13	66	20	50	50	1	99	132572	1770	66	20	66536	2	20	900	12	10	5095	/	/	/	20.31	20.04
CA_66A-66A-2A-2A	2	13	66	20	50	50	1	99	132572	1770	66	20	66536	2	20	700	2	20	1100	/	/	/	20.31	20.06
CA_66A-66A-2A-71A	2	13	66	20	50	50	1	99	132572	1770	66	20	66536	2	20	900	71	20	68786	/	/	/	20.31	19.87
CA_66A-66A-2C	2	13	66	20	50	50	1	99	132572	1770	66	20	66536	2	20	700	2	20	898	/	/	/	20.31	20.02
CA_66C-2A-12A	2	13	66	20	50	50	1	99	132572	1770	66	20	67234	2	20	900	12	10	5095	/	/	/	20.31	19.83
CA_66C-2A-2A	2	13	66	20	50	50	1	99	132572	1770	66	20	67234	2	20	700	2	20	1100	/	/	/	20.31	20.05
CA_66C-2A-71A	2	13	66	20	50	50	1	99	132572	1770	66	20	67234	2	20	900	71	20	68786	/	/	/	20.31	20.04
CA_66A-46A-46C-2A	3	1_2	66	20	1	99	1	99	132572	1770	46	20	50690	46	20	50692	46	20	50890	2	20	900	23.56	22.95
CA_66A-46A-48C-2A	3	1_2	66	20	1	99	1	99	132572	1770	46	20	50690	48	20	55340	48	20	55538	2	20	900	23.56	23.08
CA_66A-46C-48A-2A	3	1_2	66	20	1	99	1	99	132572	1770	46	20	50692	46	20	50890	48	20	55990	2	20	900	23.56	23.05
CA_66A-46D-2A	3	1_2	66	20	1	99	1	99	132572	1770	46	20	50492	46	20	50690	46	20	50888	2	20	900	23.56	23.01
CA_66A-46A-46D	3	1_2	66	20	1	99	1	99	132572	1770	46	20	50690	46	20	50492	46	20	50690	46	20	50888	23.56	23.15
CA_66A-46A-48D	3	1_2	66	20	1	99	1	99	132572	1770	46	20	50690	48	20	55340	48	20	55538	48	20	55736	23.56	23.21
CA_66A-46D-48A	3	1_2	66	20	1	99	1	99	132572	1770	46	20	50492	46	20	50690	46	20	50888	48	20	55990	23.56	23.17
CA_66A-2A-5A	3	1_2	66	20	1	99	1	99	132572	1770	2	20	900	5	10	2525	/	/	/	/	/	/	23.56	23.26
CA_66A-46E	3	1_2	66	20	1	99	1	99	132572	1770	46	20	50490	46	20	50688	46	20	50889	46	20	51090	23.56	23.37
CA_66A-2A-2A-12A	3	1_2	66	20	1	99	1	99	132572	1770	2	20	700	2	20	1100	12	10	5095	/	/	/	23.56	23.31
CA_66A-2A-2A-71A	3	1_2	66	20	1	99	1	99	132572	1770	2	20	700	2	20	1100	71	20	68786	/	/	/	23.56	23.11
CA_66A-46A-46A-2A	3	1_2	66	20	1	99	1	99	132572	1770	46	20	50692	46	20	50890	2	20	900	/	/	/	23.56	23.08
CA_66A-46A-48A-2A	3	1_2	66	20	1	99	1	99	132572	1770	46	20	50690	48	20	55990	2	20	900	/	/	/	23.56	23.45
CA_66A-66A-2A-12A	3	1_2	66	20	1	99	1	99	132572	1770	66	20	66536	2	20	900	12	10	5095	/	/	/	23.56	23.02
CA_66A-66A-2A-2A	3	1_2	66	20	1	99	1	99	132572	1770	66	20	66536	2	20	700	2	20	1100	/	/	/	23.56	23.37
CA_66A-66A-2A-71A	3	1_2	66	20	1	99	1	99	132572	1770	66	20	66536	2	20	900	71	20	68786	/	/	/	23.56	23.07
CA_66A-66A-2C	3	1_2	66	20	1	99	1	99	132572	1770	66	20	66536	2	20	700	2	20	898	/	/	/	23.56	23.48
CA_66C-2A-12A	3	1_2	66	20	1	99	1	99	132572	1770	66	20	67234	2	20	900	12	10	5095	/	/	/	23.56	23.15
CA_66C-2A-2A	3	1_2	66	20	1	99	1	99	132572	1770	66	20	67234	2	20	700	2	20	1100	/	/	/	23.56	23.27
CA_66C-2A-71A	3	1_2	66	20	1	99	1	99	132572	1770	66	20	67234	2	20	900	71	20	68786	/	/	/	23.56	22.99
CA_66A-46A-46C-2A	3	5_13	66	20	1	0	1	99	132572	1770	46	20	50690	46	20	50692	46	20	50890	2	20	900	24.16	23.88
CA_66A-46A-48C-2A	3	5_13	66	20	1	0	1	99	132572	1770	46	20	50690	48	20	55340	48	20	55538	2	20	900	24.16	24.09
CA_66A-46C-48A-2A	3	5_13	66	20	1	0	1	99	132572	1770	46	20	50692	46	20	50890	48	20	55990	2	20	900	24.16	24.09
CA_66A-46D-2A	3	5_13	66	20	1	0	1	99	132572	1770	46	20	50492	46	20	50690	46	20	50888	2	20	900	24.16	24.05
CA_66A-46A-46D	3	5_13	66	20	1	0	1	99	132572	1770	46	20	50690	46	20	50492	46	20	50690	46	20	50888	24.16	23.99
CA_66A-46A-48D	3	5_13	66	20	1	0	1	99	132572	1770	46	20	50690	48	20	55340	48	20	55538	48	20	55736	24.16	23.73
CA_66A-46D-48A	3	5_13	66	20	1	0	1	99	132572	1770	46	20	50492	46	20	50690	46	20	50888	48	20	55990	24.16	23.96
CA_66A-2A-5A	3	5_13	66	20	1	0	1	99	132572	1770	2	20	900	5	10	2525	/	/	/	/	/	/	24.16	23.68
CA_66A-46E	3	5_13	66	20	1	0	1	99	132572	1770	46	20	50490	46	20	50688	46	20	50889	46	20	51090	24.16	23.92
CA_66A-2A-2A-12A	3	5_13	66	20	1	0	1	99	132572	1770	2	20	700	2	20	1100	12	10	5095	/	/	/	24.16	24.07
CA_66A-2A-2A-71A	3	5_13	66	20	1	0	1	99	132572	1770	2	20	700	2	20	1100	71	20	68786	/	/	/	24.16	23.74
CA_66A-46A-46A-2A	3	5_13	66	20	1	0	1	99	132572	1770	46	20	50692	46	20	50890	2	20	900	/	/	/	24.16	23.73
CA_66A-46A-48A-2A	3	5_13	66	20	1	0	1	99	132572	1770	46	20	50690	48	20	55990	2	20	900	/	/	/	24.16	23.99
CA_66A-66A-2A-12A	3	5_13	66	20	1	0	1	99	132572	1770	66	20	66536	2	20	900	12	10	5095	/	/	/	24.16	24.06
CA_66A-66A-2A-2A	3	5_13	66	20	1	0	1	99	132572	1770	66	20	66536	2	20	700	2	20	1100	/	/	/	24.16	23.70
CA_66A-66A-2A-71A	3	5_13	66	20	1	0	1	99	132572	1770	66	20	66536	2	20	900	71	20	68786	/	/	/	24.16	23.70
CA_66A-66A-2C	3	5_13	66	20	1	0	1	99	132572	1770	66	20	66536	2	20	700	2	20	898	/	/	/	24.16	23.73
CA_66C-2A-12A	3	5_13	66	20	1	0	1	99	132572	1770	66	20	67234	2	20	900	12	10	5095	/	/	/	24.16	23.98
CA_66C-2A-2A	3	5_13	66	20	1	0	1	99	132572	1770	66	20	67234	2	20	700	2	20	1100	/	/	/	24.16	23.81
CA_66C-2A-71A	3	5_13	66	20	1	0	1	99	132572	1770	66	20	67234	2	20	900	71	20	68786	/	/	/	24.16	23.93
CA_66A-46A-46C-2A	3	11_12	66	20	100	0	1	99	132572	1770	46	20	50690	46	20	50692	46	20	50890	2	20	900	16.50	16.32
CA_66A-46A-48C-2A	3	11_12	66	20	100	0	1	99	132572	1770	46	20	50690	48	20	55340	48	20	55538	2	20	900	16.50	16.54
CA_66A-46C-48A-2A	3	11_12	66	20	100	0	1	99	132572	1770	46	20	50692	46	20	50890	48	20	55990	2	20	900	16.50	16.29
CA_66A-46D-2A	3	11_12	66	20	100	0	1	99	132572	1770	46	20	50492	46	20	50690	46	20	50888	2	20	900	16.50	16.38
CA_66A-46A-46D	3	11_12	66	20	100	0	1	99	132572	1770	46	20	50690	46	20	50492	46	20	50690	46	20	50888	16.50	16.53
CA_66A-46A-48D	3	11_12	66	20	100	0	1	99	132572	1770	46	20	50690	48	20	55340	48	20	55538	48	20	55736	16.50	16.30
CA_66A-46D-48A	3	11_12	66	20	100	0	1	99	132572	1770	46	20	50492	46	20	50690	46	20	50888	48	20	55990	16.50	16.24
CA_66A-2A-5A	3	11_12	66	20	100	0	1	99	132572	1770	2	20	900	5	10	2525	/	/	/	/	/	/	16.50	16.17
CA_66A-46E	3	11_12	66	20	100	0	1	99	132572	1770	46	20	50490	46	20	50688	46	20	50889	46	20	51090	16.50	16.47
CA_66A-2A-2A-12A	3	11_12	66	20	100	0	1	99	132572	1770	2	20	700	2	20	1100	12	10	5095	/	/	/	16.50	16.12
CA_66A-2A-2A-71A	3	11_12	66	20	100	0	1	99	132572	1770	2	20	700	2	20	1100	71	20	68786	/	/	/	16.50	16.38

12.4 NR 5G Measurement result

N2(ANT2 DSI 1)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	22.70	21.92
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	22.70	22.05
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	22.70	21.96
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	22.70	21.98
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	22.70	21.95
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	22.70	21.92

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	22.70	21.88
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	22.70	21.94
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.70	21.86
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	21.20	20.31
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	22.70	21.90
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	22.70	21.93
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.20	21.45
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.20	18.34
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	22.70	21.83
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	22.70	21.94
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	22.70	21.86
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	22.70	21.94
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	22.70	21.85
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	22.70	21.97
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	22.70	21.89
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	22.70	21.99
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	22.70	21.97

N2(ANT2 DSI 2)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	21.70	20.76
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	21.70	20.89
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	21.70	20.80
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	21.70	20.82
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	21.70	20.80
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	21.70	20.76

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	21.70	20.75
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	21.70	20.78
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	21.70	20.82
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	21.20	20.34
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	21.70	20.75
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	21.70	20.77
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	21.70	20.86
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.20	18.34
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	21.70	20.68
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	21.70	20.78
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	21.70	20.71
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	21.70	20.78
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	21.70	20.70
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	21.70	20.81
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	21.70	20.74
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	21.70	20.83
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	21.70	20.81

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N2(ANT2 DSI 5)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	22.20	21.29
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	22.20	21.43
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	22.20	21.33
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	22.20	21.36
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	22.20	21.32
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	22.20	21.29

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	22.20	21.37
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	22.20	21.42
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.20	21.36
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	21.20	20.32
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	22.20	21.28
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	22.20	21.30
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.20	21.38
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.20	18.34
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	22.20	21.22
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	22.20	21.31
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	22.20	21.25
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	22.20	21.31
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	22.20	21.24
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	22.20	21.34
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	22.20	21.27
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	22.20	21.37
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	22.20	21.34

N2(ANT2 DSI 11/12)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	15.20	14.11
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	15.20	14.19
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	15.20	14.13
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	15.20	14.14
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	15.20	14.13
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	15.20	14.11

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	15.20	14.09
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	15.20	14.12
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	15.20	14.14
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	15.20	14.13
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	15.20	14.09
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	15.20	14.12
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	15.20	14.17
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	15.20	14.06
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	15.20	14.04
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	15.20	14.12
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	15.20	14.06
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	15.20	14.12
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	15.20	14.06
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	15.20	14.14
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	15.20	14.08
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	15.20	14.15
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	15.20	14.14

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N2(ANT2 DSI 13)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	20.70	19.71
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	20.70	19.83
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	20.70	19.75
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	20.70	19.77
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	20.70	19.74
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	20.70	19.71

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	20.70	19.75
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	20.70	19.73
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	20.70	19.77
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.70	19.72
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	20.70	19.71
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	20.70	19.72
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	20.70	19.77
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	19.20	18.32
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	20.70	19.74
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	20.70	19.73
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	20.70	19.77
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	20.70	19.73
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	20.70	19.76
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	20.70	19.76
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	20.70	19.80
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	20.70	19.78
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	20.70	19.76

N2(ANT3 DSI 1/2)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	23.70	22.39
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	23.70	22.45
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	23.70	22.40
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	23.70	22.41
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	23.70	22.44
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	23.70	22.42

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	23.70	22.40
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.70	22.35
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.70	21.33
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.70	19.50
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	23.70	22.41
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.20	21.89
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	21.70	20.42
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.70	17.41
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	23.70	22.30
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	23.70	22.36
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	23.70	22.26
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	23.70	22.42
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	23.70	22.33
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	23.70	22.43
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	23.70	22.41
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	23.70	22.36
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	23.70	22.38

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N2(ANT3 DSI 5/13)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	25.20	23.84
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	25.20	23.90
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.20	23.85
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	25.20	23.86
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	25.20	23.89
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	25.20	23.87

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	25.20	23.83
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	24.20	22.91
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.70	21.38
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.70	19.33
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	23.70	22.40
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.20	21.77
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	21.70	20.37
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.70	17.38
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	24.20	22.82
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	24.20	22.89
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	24.20	22.72
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	24.20	22.87
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	25.20	23.80
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	25.20	23.88
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	24.20	22.91
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	25.20	23.83
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	25.20	23.85

N2(ANT3 DSI 11/12)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	15.70	14.28
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	15.70	14.36
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	15.70	14.29
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	15.70	14.29
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	15.70	14.31
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	15.70	14.30

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	15.70	14.28
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	15.70	14.30
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	15.70	14.27
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	15.70	14.29
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	15.70	14.32
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	15.70	14.25
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	15.70	14.26
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	15.70	14.33
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	15.70	14.26
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	15.70	14.29
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	15.70	14.33
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	15.70	14.28
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	15.70	14.27
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	15.70	14.31
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	15.70	14.30
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	15.70	14.28
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	15.70	14.29

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N2(ANT4 DSI 1)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	22.70	21.40
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	22.70	21.45
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	22.70	21.40
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	22.70	21.33
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	22.70	21.44
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	22.70	21.40

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	22.70	21.33
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	22.70	21.39
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.70	21.35
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.70	19.54
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	22.70	21.33
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	22.70	21.38
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	21.70	20.49
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.70	17.45
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	22.70	21.42
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	22.70	21.42
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	22.70	21.41
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	22.70	21.34
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	22.70	21.34
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	22.70	21.40
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	22.70	21.37
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	22.70	21.39
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	22.70	21.40

N2(ANT4 DSI 2)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	24.20	22.90
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	24.20	22.97
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	24.20	23.02
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	24.20	23.06
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	24.20	23.29
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	24.20	23.12

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	1880	376000	24.20	22.65
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50_25	1880	376000	24.20	23.14
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50_25	1880	376000	22.70	21.66
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50_25	1880	376000	20.70	19.60
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50_25	1880	376000	23.70	22.65
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1880	376000	23.20	22.15
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50_25	1880	376000	21.70	20.61
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50_25	1880	376000	18.70	17.54
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	1880	376000	24.20	23.10
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	24.20	23.11
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_105	1880	376000	24.20	23.05
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	24.20	23.22
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_104	1880	376000	24.20	23.07
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	24.20	23.00
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	100_0	1880	376000	24.20	23.04
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	24.20	23.18
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	24.20	23.18

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N2(ANT4 DSI 5/13)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	25.20	23.94
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	25.20	24.01
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.20	24.06
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	25.20	24.10
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	25.20	24.26
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	25.20	24.17

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	1880	376000	25.20	23.95
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50_25	1880	376000	24.20	23.14
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50_25	1880	376000	22.70	21.61
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50_25	1880	376000	20.70	19.54
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50_25	1880	376000	23.70	22.59
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1880	376000	23.20	22.07
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50_25	1880	376000	21.70	20.56
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50_25	1880	376000	18.70	17.48
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	1880	376000	24.20	23.07
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	24.20	23.16
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_105	1880	376000	24.20	23.07
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	24.20	23.17
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_104	1880	376000	25.20	24.11
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	25.20	24.25
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	100_0	1880	376000	24.20	23.13
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	25.20	24.16
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	25.20	24.18

N2(ANT4 DSI 11)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	15.20	13.68
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	15.20	13.82
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	15.20	13.75
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	15.20	13.77
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	15.20	13.74
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	15.20	13.81

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	15.20	13.79
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	15.20	13.80
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	15.20	13.78
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	15.20	13.73
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	15.20	13.79
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	15.20	13.74
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	15.20	13.80
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	15.20	13.70
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	15.20	13.80
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	15.20	13.75
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	15.20	13.73
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	15.20	13.75
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	15.20	13.78
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	15.20	13.79
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	15.20	13.76
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	15.20	13.81
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	15.20	13.80

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N2(ANT4 DSI 12)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	22.20	20.75
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	22.20	20.87
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	22.20	20.86
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	22.20	20.89
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	22.20	21.05
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	22.20	20.94

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	1880	376000	22.20	21.01
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50_25	1880	376000	22.20	21.00
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50_25	1880	376000	22.20	21.00
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50_25	1880	376000	20.70	19.63
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50_25	1880	376000	22.20	21.04
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1880	376000	22.20	21.00
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50_25	1880	376000	21.70	20.58
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50_25	1880	376000	18.70	17.53
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	1880	376000	22.20	21.01
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	22.20	20.93
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_105	1880	376000	22.20	20.90
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	22.20	20.93
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_104	1880	376000	22.20	20.98
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	22.20	20.99
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	100_0	1880	376000	22.20	20.95
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	22.20	21.03
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	22.20	21.01

N2(ANT5 DSI 1/2)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	22.50	21.32
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	22.50	21.35
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	22.50	21.28
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	22.50	21.27
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	22.50	21.31
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	22.50	21.30

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	22.50	21.27
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	22.50	21.26
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.00	21.29
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.00	19.44
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	22.50	21.30
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	22.50	21.27
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	21.00	20.45
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.00	17.66
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	22.50	21.24
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	22.50	21.30
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	22.50	21.24
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	22.50	21.30
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	22.50	21.31
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	22.50	21.29
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	22.50	21.29
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	22.50	21.29
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	22.50	21.27

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N2(ANT5 DSI 5/13)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	24.50	22.51
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	24.50	22.72
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	24.50	22.65
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	24.50	22.64
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	24.50	22.71
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	24.50	22.67

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	24.50	22.53
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	23.50	22.45
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	22.00	20.84
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	20.00	18.91
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	23.00	21.94
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	22.50	21.38
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	21.00	19.90
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	18.00	16.98
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	23.50	22.33
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	23.50	22.47
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	23.50	22.42
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	23.50	22.37
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	24.50	22.66
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	24.50	22.70
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	23.50	22.42
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	24.50	22.65
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	24.50	22.63

N2(ANT5 DSI 11/12)

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1907.5	381500	13.00	11.79
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1880	376000	13.00	11.83
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	13.00	11.80
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1900	380000	13.00	11.79
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1880	376000	13.00	11.82
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	1860	372000	13.00	11.80

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

No.	Test Freq Description	5G-n2								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n2
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	1880	376000	13.00	11.77
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	1880	376000	13.00	11.69
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	1880	376000	13.00	11.72
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	1880	376000	13.00	11.76
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	1880	376000	13.00	11.77
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	1880	376000	13.00	11.74
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	1880	376000	13.00	11.73
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	1880	376000	13.00	11.80
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	1880	376000	13.00	11.80
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	1880	376000	13.00	11.75
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	1880	376000	13.00	11.79
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	1880	376000	13.00	11.73
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	1880	376000	13.00	11.80
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	1880	376000	13.00	11.82
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	1880	376000	13.00	11.67
15	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	1880	376000	13.00	11.80
18	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	1880	376000	13.00	11.79

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N5(ANT0 DSI 1/2/5/13)

No.	Test Freq Description	5G-n5								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	25.70	24.48
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	25.70	24.56
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	25.70	24.51
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	25.70	24.70
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	25.70	24.73
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	25.70	24.71

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

No.	Test Freq Description	5G-n5								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n5
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	836.5	167300	25.70	24.72
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50_25	836.5	167300	24.70	24.22
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50_25	836.5	167300	23.20	22.72
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50_25	836.5	167300	21.20	20.75
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50_25	836.5	167300	24.20	23.73
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	836.5	167300	23.70	23.23
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50_25	836.5	167300	22.20	21.75
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50_25	836.5	167300	19.20	18.70
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	836.5	167300	24.70	24.06
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	24.70	24.26
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_105	836.5	167300	24.70	24.13
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	24.70	24.35
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_104	836.5	167300	25.70	24.58
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	25.70	24.66
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	100_0	836.5	167300	24.70	24.06
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	25.70	24.69
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	25.70	24.68

N5(ANT0 DSI 11/12)

No.	Test Freq Description	5G-n5								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	17.70	16.57
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	17.70	16.66
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	17.70	16.59
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	17.70	16.55
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	17.70	16.54
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	17.70	16.56

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

No.	Test Freq Description	5G-n5								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n5
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	836.5	167300	17.70	16.64
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	836.5	167300	17.70	16.63
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	836.5	167300	17.70	16.62
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	836.5	167300	17.70	16.60
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	836.5	167300	17.70	16.62
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	836.5	167300	17.70	16.63
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	836.5	167300	17.70	16.61
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	836.5	167300	17.70	16.61
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	836.5	167300	17.70	16.62
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	17.70	16.65
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_105	836.5	167300	17.70	16.63
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	17.70	16.46
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_104	836.5	167300	17.70	16.57
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	17.70	16.62
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	100_0	836.5	167300	17.70	16.26
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	17.70	16.64
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	17.70	16.64

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N5(ANT1 DSI 1/2/5/12/13)

No.	Test Freq Description	5G-n5								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	25.40	23.84
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	25.40	23.88
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	25.40	23.83
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	25.40	23.93
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	25.40	24.05
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	25.40	24.01

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

No.	Test Freq Description	5G-n5								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n5
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	836.5	167300	25.40	24.02
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50_25	836.5	167300	24.40	23.56
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50_25	836.5	167300	22.90	22.11
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50_25	836.5	167300	20.90	20.04
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50_25	836.5	167300	23.90	23.10
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	836.5	167300	23.40	22.53
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50_25	836.5	167300	21.90	21.04
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50_25	836.5	167300	18.90	18.00
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	836.5	167300	24.40	23.33
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	24.40	23.49
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_105	836.5	167300	24.40	23.44
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	24.40	23.67
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_104	836.5	167300	25.40	23.81
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	25.40	23.98
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	100_0	836.5	167300	24.40	23.57
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	25.40	23.97
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	25.40	24.00

N5(ANT1 DSI 11)

No.	Test Freq Description	5G-n5								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n5
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	846.5	169300	19.40	17.57
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	836.5	167300	19.40	17.60
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	826.5	165300	19.40	17.56
4	High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	839	167800	19.40	17.64
5	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	836.5	167300	19.40	17.73
6	Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	834	166800	19.40	17.70

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

No.	Test Freq Description	5G-n5								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n5
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	836.5	167300	19.40	17.66
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	50_25	836.5	167300	19.40	17.67
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	50_25	836.5	167300	19.40	17.70
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	50_25	836.5	167300	19.40	17.67
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	50_25	836.5	167300	19.40	17.67
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	836.5	167300	19.40	17.67
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	50_25	836.5	167300	19.40	17.68
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	50_25	836.5	167300	18.90	17.65
9	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_104	836.5	167300	19.40	17.55
10	Middle	15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	836.5	167300	19.40	17.71
11	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_105	836.5	167300	19.40	17.65
12	Middle	15	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	836.5	167300	19.40	17.67
13	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_104	836.5	167300	19.40	17.63
14	Middle	15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	836.5	167300	19.40	17.67
15	Middle	15	20	DFT-s-OFDM QPSK	Outer_Full	100_0	836.5	167300	19.40	17.65
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	836.5	167300	19.40	17.69
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	836.5	167300	19.40	17.67

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N7(ANT2 DSI 1)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	22.70	21.98
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	22.70	22.16
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	22.70	22.10
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	22.70	22.13
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	22.70	22.11
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	22.70	22.14

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	22.70	22.10
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	22.70	22.07
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	22.70	22.10
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	20.70	20.48
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	22.70	22.12
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	22.70	22.07
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	22.70	21.58
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	19.20	18.46
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	22.70	22.12
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	22.70	22.11
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	22.70	22.13
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	22.70	22.08
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	22.70	22.12
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	22.70	22.14
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	22.70	22.13
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	22.70	22.13
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	22.70	22.14
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	22.70	22.11
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	22.70	22.14
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	22.70	22.13

N7(ANT2 DSI 2/5)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	20.20	19.11
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	20.20	19.27
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	20.20	19.22
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	20.20	19.24
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	20.20	19.23
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	20.20	19.25

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	20.20	19.25
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	20.20	19.19
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	20.20	19.22
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	20.20	19.24
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	20.20	19.24
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	20.20	19.19
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	20.20	18.77
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	19.20	18.41
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	20.20	19.22
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	20.20	19.23
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	20.20	19.24
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	20.20	19.20
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	20.20	19.24
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	20.20	19.25
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	20.20	19.24
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	20.20	19.24
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	20.20	19.23
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	20.20	19.23
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	20.20	19.20
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	20.20	19.24

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N7(ANT2 DSI 11/12)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	11.20	9.95
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	11.20	10.05
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	11.20	10.00
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	11.20	10.01
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	11.20	10.01
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	11.20	10.02

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	11.20	10.03
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	11.20	9.99
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	11.20	10.00
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	11.20	10.01
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	11.20	10.01
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	11.20	9.99
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	11.20	9.97
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	11.20	10.00
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	11.20	10.02
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	11.20	10.01
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	11.20	10.01
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	11.20	9.99
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	11.20	10.01
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	11.20	10.02
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	11.20	10.01
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	11.20	10.01
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	11.20	9.95
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	11.20	9.96
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	11.20	9.91
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	11.20	9.99

N7(ANT2 DSI 13)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	19.20	18.14
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	19.20	18.30
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	19.20	18.25
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	19.20	18.26
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	19.20	18.26
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	19.20	18.28

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	19.20	18.20
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	19.20	18.23
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	19.20	18.25
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	19.20	18.28
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	19.20	18.27
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	19.20	18.27
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	19.20	18.23
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	19.20	17.74
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	19.20	18.18
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	19.20	18.16
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	19.20	18.16
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	19.20	18.12
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	19.20	18.16
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	19.20	18.18
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	19.20	18.16
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	19.20	18.16
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	19.20	18.25
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	19.20	18.27
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	19.20	18.18
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	19.20	18.23

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N7(ANT2 DSI 16)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	18.20	17.16
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	18.20	17.32
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	18.20	17.27
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	18.20	17.28
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	18.20	17.28
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	18.20	17.30

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	18.20	17.22
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	18.20	17.25
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.20	17.27
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.20	17.30
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	18.20	17.29
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	18.20	17.29
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.20	17.25
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.20	16.76
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	18.20	17.20
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	18.20	17.18
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	18.20	17.18
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	18.20	17.14
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	18.20	17.18
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	18.20	17.20
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	18.20	17.18
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	18.20	17.18
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	18.20	17.27
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	18.20	17.29
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	18.20	17.20
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	18.20	17.25

N7(ANT3 DSI 1/2)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	23.20	21.91
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	23.20	21.92
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	23.20	21.93
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	23.20	22.15
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	23.20	22.27
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	23.20	22.13

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2535	507000	23.20	22.16
2	Middle	15	20	DFT-s-OFDM 16QAM	Inner_Full	108_54	2535	507000	23.20	22.13
3	Middle	15	20	DFT-s-OFDM 64QAM	Inner_Full	108_54	2535	507000	22.70	21.72
4	Middle	15	20	DFT-s-OFDM 256QAM	Inner_Full	108_54	2535	507000	20.70	19.66
5	Middle	15	20	CP-OFDM QPSK	Inner_Full	108_54	2535	507000	23.20	22.14
6	Middle	15	20	CP-OFDM 16QAM	Inner_Full	108_54	2535	507000	23.20	22.13
7	Middle	15	20	CP-OFDM 64QAM	Inner_Full	108_54	2535	507000	21.70	20.76
8	Middle	15	20	CP-OFDM 256QAM	Inner_Full	108_54	2535	507000	18.70	17.66
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535	507000	23.20	22.12
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	23.20	22.16
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1@215	2535	507000	23.20	22.25
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	23.20	22.18
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535	507000	23.20	22.20
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	23.20	22.18
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	216@0	2535	507000	23.20	22.21
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	23.20	21.95
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	23.20	22.07
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	23.20	22.04
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	23.20	22.07
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	23.20	22.09

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N7(ANT3 DSI 5/13)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	25.20	24.02
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	25.20	24.03
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	25.20	24.05
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	25.20	24.29
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	25.20	24.31
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	25.20	24.27

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2535	507000	25.20	23.69
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	2535	507000	24.20	23.04
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	2535	507000	22.70	21.68
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	2535	507000	20.70	19.65
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	2535	507000	23.70	22.60
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	2535	507000	23.20	22.17
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	2535	507000	21.70	20.63
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	2535	507000	18.70	17.66
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535	507000	24.20	23.23
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	24.20	23.20
11	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1@215	2535	507000	24.20	23.27
12	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	24.20	23.20
13	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535	507000	25.20	24.19
14	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	25.20	24.24
15	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535	507000	24.20	23.29
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	25.20	24.07
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	25.20	24.20
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	25.20	24.17
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	25.20	24.20
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	25.20	24.22

N7(ANT3 DSI 11/12)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	13.70	12.36
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	13.70	12.36
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	13.70	12.37
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	13.70	12.49
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	13.70	12.50
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	13.70	12.48

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2535	507000	13.70	12.39
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	2535	507000	13.70	12.36
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	2535	507000	13.70	12.47
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	2535	507000	13.70	12.45
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	2535	507000	13.70	12.44
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	2535	507000	13.70	12.42
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	2535	507000	13.70	12.44
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	2535	507000	13.70	12.34
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535	507000	13.70	12.45
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	13.70	12.44
11	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1@215	2535	507000	13.70	12.48
12	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	13.70	12.47
13	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535	507000	13.70	12.44
14	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	13.70	12.43
15	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535	507000	13.70	12.49
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	13.70	12.37
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	13.70	12.43
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	13.70	12.42
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	13.70	12.46
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	13.70	12.44

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N7(ANT4 DSI 1)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	22.20	21.38
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	22.20	21.27
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	22.20	21.28
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	22.20	21.45
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	22.20	21.52
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	22.20	21.46

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2535	507000	22.20	21.49
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	2535	507000	22.20	21.43
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	2535	507000	22.20	21.46
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	2535	507000	20.70	20.03
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	2535	507000	22.20	21.50
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	2535	507000	22.20	21.48
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	2535	507000	21.70	21.00
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	2535	507000	18.70	17.98
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535	507000	22.20	21.33
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	22.20	21.36
11	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1@215	2535	507000	22.20	21.42
12	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	22.20	21.43
13	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535	507000	22.20	21.46
14	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	22.20	21.47
15	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535	507000	22.20	21.46
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	22.20	21.48
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	22.20	21.44
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	22.20	21.47
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	22.20	21.45
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	22.20	21.46

N7(ANT4 DSI 2/5/13)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	25.20	24.37
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	25.20	24.25
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	25.20	24.26
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	25.20	24.45
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	25.20	24.50
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	25.20	24.47

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2535	507000	25.20	23.98
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	2535	507000	24.20	23.49
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	2535	507000	22.70	22.00
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	2535	507000	20.70	19.96
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	2535	507000	23.70	23.02
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	2535	507000	23.20	22.66
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	2535	507000	21.70	21.00
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	2535	507000	18.70	18.00
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535	507000	24.20	23.22
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	24.20	23.48
11	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1@215	2535	507000	24.20	23.03
12	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	24.20	23.63
13	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535	507000	25.20	24.24
14	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	25.20	24.48
15	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535	507000	24.20	23.52
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	25.20	24.38
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	25.20	24.44
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	25.20	24.48
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	25.20	24.45
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	25.20	24.47

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N7(ANT4 DSI 11)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	14.20	13.41
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	14.20	13.34
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	14.20	13.35
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	14.20	13.45
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	14.20	13.48
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	14.20	13.46

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2535	507000	14.20	13.42
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	2535	507000	14.20	13.44
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	2535	507000	14.20	13.46
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	2535	507000	14.20	12.56
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	2535	507000	14.20	13.44
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	2535	507000	14.20	13.47
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	2535	507000	14.20	13.47
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	2535	507000	14.20	13.28
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535	507000	14.20	13.38
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	14.20	13.40
11	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1@215	2535	507000	14.20	13.44
12	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	14.20	13.44
13	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535	507000	14.20	13.46
14	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	14.20	13.47
15	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535	507000	14.20	13.46
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	14.20	13.47
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	14.20	13.45
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	14.20	13.47
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	14.20	13.45
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	14.20	13.46

N7(ANT4 DSI 12)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	23.70	22.71
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	23.70	22.59
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	23.70	22.61
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	23.70	22.78
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	23.70	22.83
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	23.70	22.80

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2535	507000	23.70	22.80
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	2535	507000	23.70	22.79
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	2535	507000	22.70	21.87
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	2535	507000	20.70	19.77
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	2535	507000	23.70	22.79
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	2535	507000	23.20	22.35
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	2535	507000	21.70	20.80
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	2535	507000	18.70	17.87
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535	507000	23.70	22.77
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	23.70	22.75
11	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1@215	2535	507000	23.70	22.75
12	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	23.70	22.75
13	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535	507000	23.70	22.78
14	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	23.70	22.80
15	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535	507000	23.70	22.78
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	23.70	22.80
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	23.70	22.76
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	23.70	22.80
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	23.70	22.76
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	23.70	22.78

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N7(ANT5 DSI 1/2)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	22.50	20.59
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	22.50	20.58
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	22.50	20.57
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	22.50	20.64
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	22.50	20.69
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	22.50	20.66

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2535	507000	22.50	20.65
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	2535	507000	22.50	20.66
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	2535	507000	22.00	20.72
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	2535	507000	20.00	18.90
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	2535	507000	22.50	20.57
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	2535	507000	22.50	20.68
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	2535	507000	21.00	19.88
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	2535	507000	18.00	16.87
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535	507000	22.50	20.63
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	22.50	20.59
11	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1@215	2535	507000	22.50	20.68
12	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	22.50	20.60
13	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535	507000	22.50	20.62
14	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	22.50	20.64
15	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535	507000	22.50	20.57
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	22.50	20.59
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	22.50	20.64
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	22.50	20.67
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	22.50	20.64
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	22.50	20.66

N7(ANT5 DSI 5)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	21.00	19.00
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	21.00	19.05
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	21.00	19.02
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	21.00	19.01
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	21.00	19.11
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	21.00	19.03

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2535	507000	21.00	19.08
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	2535	507000	21.00	19.09
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	2535	507000	21.00	19.04
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	2535	507000	20.00	18.67
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	2535	507000	21.00	19.05
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	2535	507000	21.00	19.04
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	2535	507000	21.00	19.02
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	2535	507000	18.00	16.71
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535	507000	21.00	19.04
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	21.00	19.00
11	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1@215	2535	507000	21.00	19.09
12	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	21.00	19.01
13	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535	507000	21.00	19.03
14	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	21.00	19.05
15	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535	507000	21.00	19.04
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	21.00	19.00
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	21.00	19.05
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	21.00	19.08
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	21.00	19.05
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	21.00	19.07

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N7(ANT5 DSI 11/12)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	13.50	11.70
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	13.50	11.63
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	13.50	11.64
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	13.50	11.72
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	13.50	11.77
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	13.50	11.73

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2535	507000	13.50	11.59
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	2535	507000	13.50	11.64
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	2535	507000	13.50	11.74
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	2535	507000	13.50	11.74
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	2535	507000	13.50	11.68
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	2535	507000	13.50	11.70
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	2535	507000	13.50	11.70
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	2535	507000	13.50	11.59
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535	507000	13.50	11.70
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	13.50	11.66
11	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1@215	2535	507000	13.50	11.68
12	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	13.50	11.74
13	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535	507000	13.50	11.72
14	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	13.50	11.72
15	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535	507000	13.50	11.73
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	13.50	11.70
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	13.50	11.72
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	13.50	11.74
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	13.50	11.72
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	13.50	11.73

N7(ANT5 DSI 13)

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	24.50	22.51
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	24.50	22.54
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	24.50	22.51
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2550	510000	24.50	22.57
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2535	507000	24.50	22.62
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	2520	504000	24.50	22.59

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

No.	Test Freq Description	5G-n7								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n7
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2535	507000	24.50	22.60
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	2535	507000	23.50	22.28
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	2535	507000	22.00	20.77
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	2535	507000	20.00	18.76
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	2535	507000	23.00	21.88
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	2535	507000	22.50	21.30
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	2535	507000	21.00	19.86
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	2535	507000	18.00	16.80
9	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535	507000	23.50	22.43
10	Middle	15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	23.50	22.25
11	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Right	1@215	2535	507000	23.50	22.53
12	Middle	15	40	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	23.50	22.41
13	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535	507000	24.50	22.60
14	Middle	15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	24.50	22.54
15	Middle	15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535	507000	23.50	22.37
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	24.50	22.54
17	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	24.50	22.60
18	Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	24.50	22.61
19	Middle	15	25	DFT-s-OFDM QPSK	Inner_Full	64_32	2535	507000	24.50	22.54
20	Middle	15	30	DFT-s-OFDM QPSK	Inner_Full	80_40	2535	507000	24.50	22.51

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N12(ANT0 DSI 1/2/5/13)

No.	Test Freq Description	5G-n12								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n12
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	713.5	142700	25.70	24.52
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	707.5	141500	25.70	24.55
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	701.5	140300	25.70	24.56
4	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	708.5	141700	25.70	24.62
5	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	707.5	141500	25.70	24.69
6	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	706.5	141300	25.70	24.60

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

No.	Test Freq Description	5G-n12								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n12
1	Middle	15	15	DFT-s-OFDM PI/2 BPSK1	Inner_Full	36_18	707.5	141500	25.70	24.08
2	Middle	15	15	DFT-s-OFDM 16QAM	Inner_Full	36_18	707.5	141500	24.70	24.09
3	Middle	15	15	DFT-s-OFDM 64QAM	Inner_Full	36_18	707.5	141500	23.20	22.50
4	Middle	15	15	DFT-s-OFDM 256QAM	Inner_Full	36_18	707.5	141500	21.20	20.58
5	Middle	15	15	CP-OFDM QPSK	Inner_Full	36_18	707.5	141500	24.20	23.58
6	Middle	15	15	CP-OFDM 16QAM	Inner_Full	36_18	707.5	141500	23.70	23.02
7	Middle	15	15	CP-OFDM 64QAM	Inner_Full	36_18	707.5	141500	22.20	21.58
8	Middle	15	15	CP-OFDM 256QAM	Inner_Full	36_18	707.5	141500	19.20	18.58
9	Middle	15	15	DFT-s-OFDM QPSK	Edge_Full_Right	2_77	707.5	141500	24.70	24.00
10	Middle	15	15	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	707.5	141500	24.70	24.17
11	Middle	15	15	DFT-s-OFDM QPSK	Edge_1RB_Right	1_78	707.5	141500	24.70	24.08
12	Middle	15	15	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	707.5	141500	24.70	24.19
13	Middle	15	15	DFT-s-OFDM QPSK	Inner_1RB_Right	1_77	707.5	141500	25.70	24.52
14	Middle	15	15	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	707.5	141500	25.70	24.62
15	Middle	15	15	DFT-s-OFDM QPSK	Outer_Full	75_0	707.5	141500	24.70	24.03
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	707.5	141500	25.70	24.56

N12(ANT0 DSI 11/12)

No.	Test Freq Description	5G-n12								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n12
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	713.5	142700	19.20	17.96
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	707.5	141500	19.20	17.98
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	701.5	140300	19.20	17.98
4	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	708.5	141700	19.20	18.03
5	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	707.5	141500	19.20	18.08
6	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	706.5	141300	19.20	18.01

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

No.	Test Freq Description	5G-n12								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n12
1	Middle	15	15	DFT-s-OFDM PI/2 BPSK1	Inner_Full	36_18	707.5	141500	19.20	18.03
2	Middle	15	15	DFT-s-OFDM 16QAM	Inner_Full	36_18	707.5	141500	19.20	18.06
3	Middle	15	15	DFT-s-OFDM 64QAM	Inner_Full	36_18	707.5	141500	19.20	18.03
4	Middle	15	15	DFT-s-OFDM 256QAM	Inner_Full	36_18	707.5	141500	19.20	18.02
5	Middle	15	15	CP-OFDM QPSK	Inner_Full	36_18	707.5	141500	19.20	18.05
6	Middle	15	15	CP-OFDM 16QAM	Inner_Full	36_18	707.5	141500	19.20	18.05
7	Middle	15	15	CP-OFDM 64QAM	Inner_Full	36_18	707.5	141500	19.20	18.04
8	Middle	15	15	CP-OFDM 256QAM	Inner_Full	36_18	707.5	141500	19.20	18.03
9	Middle	15	15	DFT-s-OFDM QPSK	Edge_Full_Right	2_77	707.5	141500	19.20	18.01
10	Middle	15	15	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	707.5	141500	19.20	18.00
11	Middle	15	15	DFT-s-OFDM QPSK	Edge_1RB_Right	1_78	707.5	141500	19.20	18.00
12	Middle	15	15	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	707.5	141500	19.20	18.03
13	Middle	15	15	DFT-s-OFDM QPSK	Inner_1RB_Right	1_77	707.5	141500	19.20	18.05
14	Middle	15	15	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	707.5	141500	19.20	18.06
15	Middle	15	15	DFT-s-OFDM QPSK	Outer_Full	75_0	707.5	141500	19.20	18.03
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	707.5	141500	19.20	18.04

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N12(ANT1 DSI 1/2/5/12/13)

No.	Test Freq Description	5G-n12								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n12
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	713.5	142700	25.40	24.52
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	707.5	141500	25.40	24.55
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	701.5	140300	25.40	24.55
4	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	708.5	141700	25.40	24.62
5	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	707.5	141500	25.40	24.77
6	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	706.5	141300	25.40	24.59

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

No.	Test Freq Description	5G-n12								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n12
1	Middle	15	15	DFT-s-OFDM PI/2 BPSK1	Inner_Full	36_18	707.5	141500	25.40	24.55
2	Middle	15	15	DFT-s-OFDM 16QAM	Inner_Full	36_18	707.5	141500	24.40	24.19
3	Middle	15	15	DFT-s-OFDM 64QAM	Inner_Full	36_18	707.5	141500	22.90	22.61
4	Middle	15	15	DFT-s-OFDM 256QAM	Inner_Full	36_18	707.5	141500	20.90	20.63
5	Middle	15	15	CP-OFDM QPSK	Inner_Full	36_18	707.5	141500	23.90	23.59
6	Middle	15	15	CP-OFDM 16QAM	Inner_Full	36_18	707.5	141500	23.40	23.18
7	Middle	15	15	CP-OFDM 64QAM	Inner_Full	36_18	707.5	141500	21.90	21.61
8	Middle	15	15	CP-OFDM 256QAM	Inner_Full	36_18	707.5	141500	18.90	18.43
9	Middle	15	15	DFT-s-OFDM QPSK	Edge_Full_Right	2_77	707.5	141500	24.40	24.06
10	Middle	15	15	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	707.5	141500	24.40	24.01
11	Middle	15	15	DFT-s-OFDM QPSK	Edge_1RB_Right	1_78	707.5	141500	24.40	24.05
12	Middle	15	15	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	707.5	141500	24.40	23.99
13	Middle	15	15	DFT-s-OFDM QPSK	Inner_1RB_Right	1_77	707.5	141500	25.40	24.69
14	Middle	15	15	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	707.5	141500	25.40	24.74
15	Middle	15	15	DFT-s-OFDM QPSK	Outer_Full	75_0	707.5	141500	24.40	23.93
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	707.5	141500	25.40	24.72

N12(ANT1 DSI 11)

No.	Test Freq Description	5G-n12								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n12
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	713.5	142700	20.40	19.41
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	707.5	141500	20.40	19.44
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	701.5	140300	20.40	19.44
4	High	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	708.5	141700	20.40	19.48
5	Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	707.5	141500	20.40	19.58
6	Low	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	706.5	141300	20.40	19.47

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

No.	Test Freq Description	5G-n12								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n12
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	707.5	141500	20.40	19.55
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	707.5	141500	20.40	19.52
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	707.5	141500	20.40	19.49
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	707.5	141500	20.40	19.51
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	707.5	141500	20.40	19.50
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	707.5	141500	20.40	19.54
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	707.5	141500	20.40	19.52
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	707.5	141500	18.90	18.45
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	707.5	141500	20.40	19.46
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	707.5	141500	20.40	19.42
11	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	707.5	141500	20.40	19.45
12	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	707.5	141500	20.40	19.50
13	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	707.5	141500	20.40	19.55
14	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	707.5	141500	20.40	19.48
15	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	707.5	141500	20.40	19.46
16	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	707.5	141500	20.40	19.57

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N25(ANT2 DSI 1)

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	22.70	21.58
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	22.70	21.59
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	22.70	21.79
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	22.70	21.75
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	22.70	21.89
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	22.70	21.81

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	22.70	21.87
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	22.70	21.84
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	22.70	21.88
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	21.70	20.33
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	22.70	21.88
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	22.70	21.86
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	22.70	21.43
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	19.70	18.29
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	22.70	21.76
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	22.70	21.86
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	22.70	21.78
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	22.70	21.85
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	22.70	21.81
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	22.70	21.78
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	22.70	21.86
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	22.70	21.87
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	22.70	21.85
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	22.70	21.82
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	22.70	21.88
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	22.70	21.86

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N25(ANT2 DSI 2)

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	21.70	20.43
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	21.70	20.53
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	21.70	20.72
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	21.70	20.69
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	21.70	20.82
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	21.70	20.74
According to the table above, the maximum power configuration is selected as the default test configuration										

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	21.70	20.80
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	21.70	20.77
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	21.70	20.80
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	21.70	20.36
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	21.70	20.81
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	21.70	20.79
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	21.70	20.79
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	19.70	18.32
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	21.70	20.70
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	21.70	20.79
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	21.70	20.72
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	21.70	20.78
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	21.70	20.74
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	21.70	20.72
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	21.70	20.79
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	21.70	20.80
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	21.70	20.78
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	21.70	20.75
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	21.70	20.81
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	21.70	20.79

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N25(ANT2 DSI 5)

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	22.20	21.03
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	22.20	21.12
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	22.20	21.24
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	22.20	21.21
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	22.20	21.35
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	22.20	21.26

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	22.20	21.33
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	22.20	21.29
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	22.20	21.29
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	21.70	20.29
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	22.20	21.34
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	22.20	21.32
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	22.20	21.32
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	19.70	18.26
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	22.20	21.22
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	22.20	21.32
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	22.20	21.24
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	22.20	21.30
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	22.20	21.26
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	22.20	21.24
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	22.20	21.32
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	22.20	21.33
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	22.20	21.30
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	22.20	21.27
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	22.20	21.34
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	22.20	21.32

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N25(ANT2 DSI 11/12)

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	14.70	13.49
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	14.70	13.55
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	14.70	13.64
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	14.70	13.61
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	14.70	13.70
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	14.70	13.65

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	14.70	13.69
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	14.70	13.67
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	14.70	13.69
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	14.70	13.66
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	14.70	13.69
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	14.70	13.68
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	14.70	13.68
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	14.70	13.67
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	14.70	13.61
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	14.70	13.68
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	14.70	13.64
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	14.70	13.67
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	14.70	13.65
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	14.70	13.64
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	14.70	13.68
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	14.70	13.69
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	14.70	13.67
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	14.70	13.65
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	14.70	13.69
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	14.70	13.68

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No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	20.70	19.53
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	20.70	19.62
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	20.70	19.73
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	20.70	19.70
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	20.70	19.83
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	20.70	19.75

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	20.70	19.81
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	20.70	19.77
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	20.70	19.81
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	20.70	19.76
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	20.70	19.82
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	20.70	19.80
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	20.70	19.80
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	19.70	18.25
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	20.70	19.71
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	20.70	19.80
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	20.70	19.73
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	20.70	19.79
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	20.70	19.75
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	20.70	19.73
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	20.70	19.80
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	20.70	19.81
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	20.70	19.79
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	20.70	19.75
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	20.70	19.82
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	20.70	19.80

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N25(ANT2 DSI 16)

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	19.70	18.56
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	19.70	18.65
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	19.70	18.76
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	19.70	18.73
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	19.70	18.86
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	19.70	18.78

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	19.70	18.84
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	19.70	18.80
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	19.70	18.84
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	19.70	18.79
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	19.70	18.85
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	19.70	18.83
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	19.70	18.83
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	19.70	17.91
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	19.70	18.74
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	19.70	18.83
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	19.70	18.76
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	19.70	18.82
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	19.70	18.78
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	19.70	18.76
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	19.70	18.83
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	19.70	18.84
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	19.70	18.82
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	19.70	18.78
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	19.70	18.85
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	19.70	18.83

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No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	23.70	22.33
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	23.70	22.20
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	23.70	22.34
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	23.70	22.36
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	23.70	22.43
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	23.70	22.33

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	23.70	22.42
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	23.70	22.41
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	22.70	21.44
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	20.70	19.43
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	23.70	22.38
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	23.20	21.96
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	21.70	20.48
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	18.70	17.48
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	23.70	22.38
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	23.70	22.36
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	23.70	22.42
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	23.70	22.41
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	23.70	22.34
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	23.70	22.40
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	23.70	22.33
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	23.70	22.36
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	23.70	22.33
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	23.70	22.31
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	23.70	22.35
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	23.70	22.37

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N25(ANT3 DSI 5/13)

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	25.20	23.93
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	25.20	23.79
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.20	23.83
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	25.20	24.07
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	25.20	24.14
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	25.20	24.03

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	25.20	24.07
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	24.20	23.10
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	22.70	21.60
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	20.70	19.54
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	23.70	22.59
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	23.20	22.12
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	21.70	20.58
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	18.70	17.58
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	24.20	23.03
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	24.20	23.03
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	25.20	24.13
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	25.20	24.13
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	24.20	23.14
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	24.20	23.10
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	24.20	23.08
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	25.20	24.07
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	25.20	24.03
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	25.20	24.01
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	25.20	24.06
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	25.20	24.08

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N25(ANT3 DSI 11/12)

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	15.70	14.34
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	15.70	14.32
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	15.70	14.29
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	15.70	14.43
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	15.70	14.49
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	15.70	14.41

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	15.70	14.43
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	15.70	14.41
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	15.70	14.46
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	15.70	14.45
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	15.70	14.41
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	15.70	14.42
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	15.70	14.40
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	15.70	14.35
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	15.70	14.41
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	15.70	14.35
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	15.70	14.43
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	15.70	14.41
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	15.70	14.48
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	15.70	14.42
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	15.70	14.37
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	15.70	14.43
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	15.70	14.41
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	15.70	14.39
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	15.70	14.42
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	15.70	14.43

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N25(ANT4 DSI 1)

n25A

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	22.70	21.50
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	22.70	21.47
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	22.70	21.41
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	22.70	21.62
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	22.70	21.72
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	22.70	21.59

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	22.70	21.62
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	22.70	21.60
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	22.70	21.68
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	20.70	19.57
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	22.70	21.60
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	22.70	21.61
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	21.70	20.61
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	18.70	17.63
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	22.70	21.59
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	22.70	21.51
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	22.70	21.63
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	22.70	21.60
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	22.70	21.71
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	22.70	21.61
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	22.70	21.54
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	22.70	21.62
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	22.70	21.59
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	22.70	21.57
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	22.70	21.61
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	22.70	21.63

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N25(ANT4 DSI 2/5/13)

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	25.20	23.66
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	25.20	23.74
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	25.20	23.84
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	25.20	23.96
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	25.20	24.09
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	25.20	24.01

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	25.20	24.06
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	24.20	23.13
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	22.70	21.66
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	20.70	19.62
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	23.70	22.67
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	23.20	22.10
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	21.70	20.68
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	18.70	17.66
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	24.20	23.15
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	24.20	23.16
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	25.20	24.02
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	25.20	24.05
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	24.20	23.14
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	24.20	23.04
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	24.20	23.24
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	25.20	24.07
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	25.20	24.03
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	25.20	24.01
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	25.20	24.02
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	25.20	24.00

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N25(ANT4 DSI 11)

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	15.20	14.00
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	15.20	14.04
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	15.20	14.10
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	15.20	14.17
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	15.20	14.25
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	15.20	14.20

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	15.20	14.23
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	15.20	14.18
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	15.20	14.21
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	15.20	14.21
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	15.20	14.11
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	15.20	14.07
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	15.20	14.23
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	15.20	14.15
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	15.20	14.19
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	15.20	14.17
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	15.20	14.21
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	15.20	14.23
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	15.20	14.19
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	15.20	14.13
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	15.20	14.15
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	15.20	14.24
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	15.20	14.21
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	15.20	14.20
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	15.20	14.21
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	15.20	14.20

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N25(ANT4 DSI 12)

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	23.20	21.66
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	23.20	21.73
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	23.20	21.82
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	23.20	21.93
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	23.20	22.05
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	23.20	21.97

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	23.20	21.99
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	23.20	22.02
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	22.70	21.53
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	20.70	19.33
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	23.20	22.00
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	23.20	21.90
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	21.70	20.46
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	18.70	17.38
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	23.20	22.00
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	23.20	21.97
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	23.20	22.03
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	23.20	22.06
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	23.20	22.00
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	23.20	21.91
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	23.20	21.94
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	23.20	22.00
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	23.20	22.03
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	23.20	22.02
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	23.20	22.03
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	23.20	22.02

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N25(ANT5 DSI 1/2)

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	23.00	21.10
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	23.00	21.16
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	23.00	21.08
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	23.00	21.17
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	23.00	21.32
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	23.00	21.22

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	23.00	21.24
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	23.00	21.28
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	22.00	21.00
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	20.00	18.95
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	23.00	21.31
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	22.50	21.29
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	21.00	20.00
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	18.00	17.00
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	23.00	21.09
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	23.00	21.17
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	23.00	21.18
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	23.00	21.22
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	23.00	21.22
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	23.00	21.23
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	23.00	21.07
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	23.00	21.20
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	23.00	21.16
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	23.00	21.15
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	23.00	21.15
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	23.00	21.15

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N25(ANT5 DSI 5/13)

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	24.50	22.72
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	24.50	22.79
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	24.50	22.70
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	24.50	22.80
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	24.50	22.93
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	24.50	22.85

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	24.50	22.89
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	23.50	22.58
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	22.00	21.08
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	20.00	19.09
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	23.00	22.08
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	22.50	21.52
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	21.00	20.06
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	18.00	17.10
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	23.50	22.63
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	23.50	22.67
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	24.50	22.63
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	24.50	22.85
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	23.50	22.97
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	23.50	22.60
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	23.50	22.43
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	24.50	22.57
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	24.50	22.53
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	24.50	22.51
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	24.50	22.52
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	24.50	22.51

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N25(ANT5 DSI 11/12)

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1912.5	382500	14.00	12.31
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1882.5	376500	14.00	12.25
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	1852.5	370500	14.00	12.31
4	High	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1895	379000	14.00	12.28
5	Middle	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1882.5	376500	14.00	12.35
6	Low	15	40	DFT-s-OFDM QPSK	Inner_Full	108_54	1870	374000	14.00	12.31

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

No.	Test Freq Description	5G-n25								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n25
1	Middle	15	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	1882.5	376500	14.00	12.33
2	Middle	15	40	DFT-s-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	14.00	12.29
3	Middle	15	40	DFT-s-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	14.00	12.31
4	Middle	15	40	DFT-s-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	14.00	12.31
5	Middle	15	40	CP-OFDM QPSK	Inner_Full	108_54	1882.5	376500	14.00	12.22
6	Middle	15	40	CP-OFDM 16QAM	Inner_Full	108_54	1882.5	376500	14.00	12.19
7	Middle	15	40	CP-OFDM 64QAM	Inner_Full	108_54	1882.5	376500	14.00	12.33
8	Middle	15	40	CP-OFDM 256QAM	Inner_Full	108_54	1882.5	376500	14.00	12.26
9	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Right	2_214	1882.5	376500	14.00	12.30
10	Middle	15	40	CP-OFDM 16QAM	Edge_Full_Left	2_0	1882.5	376500	14.00	12.28
11	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Right	1_214	1882.5	376500	14.00	12.31
12	Middle	15	40	CP-OFDM 16QAM	Inner_1RB_Left	1_1	1882.5	376500	14.00	12.33
13	Middle	15	40	CP-OFDM 16QAM	Outer_Full	216_0	1882.5	376500	14.00	12.30
14	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Right	1_215	1882.5	376500	14.00	12.24
15	Middle	15	40	CP-OFDM 16QAM	Edge_1RB_Left	1_0	1882.5	376500	14.00	12.26
16	default	15	10	CP-OFDM 16QAM	Inner_Full	25_12	1882.5	376500	14.00	12.34
17	default	15	15	CP-OFDM 16QAM	Inner_Full	36_18	1882.5	376500	14.00	12.31
18	Middle	15	20	CP-OFDM 16QAM	Inner_Full	50_25	1882.5	376500	14.00	12.31
19	Middle	15	25	CP-OFDM 16QAM	Inner_Full	64_32	1882.5	376500	14.00	12.31
20	Middle	15	30	CP-OFDM 16QAM	Inner_Full	80_40	1882.5	376500	14.00	12.31

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N30(ANT4 DSI 1)

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2312.5	462500	24.70	23.80
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2310	462000	24.70	23.82
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2307.5	461500	24.70	23.73
5	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2310	462000	24.70	23.75

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

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2310	462000	24.70	23.74
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2310	462000	24.20	23.24
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2310	462000	22.70	21.71
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2310	462000	20.70	19.79
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2310	462000	23.70	22.83
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2310	462000	23.20	22.23
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2310	462000	21.70	20.72
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2310	462000	18.70	17.82
9	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Right	2_23	2310	462000	24.20	22.26
10	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Left	2_0	2310	462000	24.20	22.29
11	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Right	1_23	2310	462000	24.70	23.66
12	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Left	1_1	2310	462000	24.70	23.62
13	Middle	15	5	CP-OFDM 16QAM	Outer_Full	25_0	2310	462000	24.20	22.22
14	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Right	1_24	2310	462000	24.20	22.23
15	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Left	1_0	2310	462000	24.20	22.22

N30(ANT4 DSI 2/5/13)

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2312.5	462500	25.20	24.28
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2310	462000	25.20	24.30
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2307.5	461500	25.20	24.21
5	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2310	462000	25.20	24.23

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

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2310	462000	25.20	23.81
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2310	462000	24.20	23.31
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2310	462000	22.70	21.78
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2310	462000	20.70	19.85
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2310	462000	23.70	22.90
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2310	462000	23.20	22.30
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2310	462000	21.70	20.78
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2310	462000	18.70	17.87
9	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Right	2_23	2310	462000	24.20	22.23
10	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Left	2_0	2310	462000	24.20	22.26
11	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Right	1_23	2310	462000	25.20	24.23
12	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Left	1_1	2310	462000	25.20	24.13
13	Middle	15	5	CP-OFDM 16QAM	Outer_Full	25_0	2310	462000	24.20	22.29
14	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Right	1_24	2310	462000	24.20	22.20
15	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Left	1_0	2310	462000	24.20	22.24

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N30(ANT4 DSI 11)

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2312.5	462500	16.20	15.20
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2310	462000	16.20	15.21
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2307.5	461500	16.20	15.15
5	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2310	462000	16.20	15.17

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

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2310	462000	16.20	15.19
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2310	462000	16.20	15.19
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2310	462000	16.20	15.13
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2310	462000	16.20	15.12
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2310	462000	16.20	15.13
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2310	462000	16.20	15.16
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2310	462000	16.20	15.11
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2310	462000	16.20	15.19
9	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Right	2_23	2310	462000	16.20	15.21
10	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Left	2_0	2310	462000	16.20	15.23
11	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Right	1_23	2310	462000	16.20	15.17
12	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Left	1_1	2310	462000	16.20	15.10
13	Middle	15	5	CP-OFDM 16QAM	Outer_Full	25_0	2310	462000	16.20	15.15
14	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Right	1_24	2310	462000	16.20	15.19
15	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Left	1_0	2310	462000	16.20	15.18

N30(ANT4 DSI 12)

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2312.5	462500	23.20	22.14
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2310	462000	23.20	22.15
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2307.5	461500	23.20	22.06
5	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2310	462000	23.20	22.09

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

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2310	462000	23.20	22.14
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2310	462000	23.20	22.13
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2310	462000	22.70	21.70
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2310	462000	20.70	19.67
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2310	462000	23.20	22.14
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2310	462000	23.20	22.13
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2310	462000	21.70	20.70
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2310	462000	18.70	17.78
9	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Right	2_23	2310	462000	23.20	22.14
10	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Left	2_0	2310	462000	23.20	22.17
11	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Right	1_23	2310	462000	23.20	22.08
12	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Left	1_1	2310	462000	23.20	21.98
13	Middle	15	5	CP-OFDM 16QAM	Outer_Full	25_0	2310	462000	23.20	22.05
14	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Right	1_24	2310	462000	23.20	22.11
15	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Left	1_0	2310	462000	23.20	22.10

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N30(ANT5 DSI 1/2)

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2312.5	462500	21.70	19.98
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2310	462000	21.70	19.99
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2307.5	461500	21.70	19.94
5	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2310	462000	21.70	19.93

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

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2310	462000	21.70	19.90
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2310	462000	21.70	19.89
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2310	462000	21.70	19.85
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2310	462000	19.70	18.92
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2310	462000	21.70	19.87
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2310	462000	21.70	19.86
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2310	462000	20.70	19.83
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2310	462000	17.70	16.97
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2310	462000	21.70	19.90
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2310	462000	21.70	19.90
11	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2310	462000	21.70	19.94
12	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2310	462000	21.70	19.90
13	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2310	462000	21.70	19.96
14	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2310	462000	21.70	19.97
15	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2310	462000	21.70	19.91

N30(ANT5 DSI 5/13)

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2312.5	462500	24.20	22.35
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2310	462000	24.20	22.36
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2307.5	461500	24.20	22.31
5	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2310	462000	24.20	22.29

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

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2310	462000	24.20	22.23
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2310	462000	23.20	22.36
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2310	462000	21.70	20.79
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2310	462000	19.70	18.82
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2310	462000	22.70	21.69
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2310	462000	22.20	21.19
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2310	462000	20.70	19.88
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2310	462000	17.70	16.89
9	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2310	462000	23.20	21.35
10	Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2310	462000	23.20	21.37
11	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2310	462000	24.20	22.27
12	Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2310	462000	24.20	22.32
13	Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2310	462000	23.20	21.42
14	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2310	462000	23.20	21.32
15	Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2310	462000	23.20	21.36

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N30(ANT5 DSI 11/12)

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2312.5	462500	13.70	11.82
2	Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2310	462000	13.70	11.87
3	Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2307.5	461500	13.70	11.83
5	Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2310	462000	13.70	11.84

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

No.	Test Freq Description	5G-n30								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n30
1	Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2310	462000	13.70	11.81
2	Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2310	462000	13.70	11.81
3	Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2310	462000	13.70	11.80
4	Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2310	462000	13.70	11.84
5	Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2310	462000	13.70	11.81
6	Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2310	462000	13.70	11.79
7	Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2310	462000	13.70	11.82
8	Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2310	462000	13.70	11.81
9	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Right	2_23	2310	462000	13.70	11.83
10	Middle	15	5	CP-OFDM 16QAM	Edge_Full_Left	2_0	2310	462000	13.70	11.84
11	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Right	1_23	2310	462000	13.70	11.80
12	Middle	15	5	CP-OFDM 16QAM	Inner_1RB_Left	1_1	2310	462000	13.70	11.84
13	Middle	15	5	CP-OFDM 16QAM	Outer_Full	25_0	2310	462000	13.70	11.83
14	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Right	1_24	2310	462000	13.70	11.81
15	Middle	15	5	CP-OFDM 16QAM	Edge_1RB_Left	1_0	2310	462000	13.70	11.80

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N38(ANT2 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	21.70	20.68
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	21.70	20.72
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	21.70	20.60
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	21.70	20.62
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	21.70	20.61
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	21.70	20.58

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

No.	Test Freq Description	5G-n38								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n38
1	Middle	30	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	21.70	20.70
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	21.70	20.70
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	21.70	20.69
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	21.70	20.48
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	21.70	20.68
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	21.70	20.70
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	21.70	20.53
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	19.20	18.66
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	21.70	20.68
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	21.70	20.63
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	21.70	20.62
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	21.70	20.67
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	21.70	20.69
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	21.70	20.69
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	21.70	20.64
19	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	21.70	20.67
19	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	21.70	20.66
19	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	21.70	20.69

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N38(ANT2 DSI 2)

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	20.20	19.22
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	20.20	19.29
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	20.20	19.14
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	20.20	19.14
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	20.20	19.09
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	20.20	19.12

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	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	20.20	19.26
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	20.20	19.23
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	20.20	19.22
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	20.20	19.24
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	20.20	19.26
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	20.20	19.22
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	20.20	19.26
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	19.20	18.57
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	20.20	19.27
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	20.20	19.21
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	20.20	19.20
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	20.20	19.26
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	20.20	19.21
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	20.20	19.22
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	20.20	19.23
19	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	20.20	19.26
19	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	20.20	19.25
19	Low	30	25	DFT-s-OFDM QPSK	Inner_Full	32_16	2595	519000	20.20	19.26
19	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	20.20	19.28

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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	20.70	19.74
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	20.70	19.78
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	20.70	19.66
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	20.70	19.69
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	20.70	19.67
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	20.70	19.62

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	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	20.70	19.68
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	20.70	19.62
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	20.70	19.74
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	20.70	19.73
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	20.70	19.74
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	20.70	19.76
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	20.70	19.70
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	19.20	18.79
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	20.70	19.77
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	20.70	19.71
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	20.70	19.70
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	20.70	19.74
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	20.70	19.72
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	20.70	19.72
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	20.70	19.73
19	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	20.70	19.75
19	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	20.70	19.68
19	Low	30	25	DFT-s-OFDM QPSK	Inner_Full	32_16	2595	519000	20.70	19.71
19	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	20.70	19.70

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N38(ANT2 DSI 11/12)

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	10.70	9.55
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	10.70	9.58
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	10.70	9.51
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	10.70	9.51
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	10.70	9.50
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	10.70	9.39

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	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	10.70	9.52
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	10.70	9.49
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	10.70	9.52
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	10.70	9.50
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	10.70	9.55
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	10.70	9.56
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	10.70	9.46
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	10.70	9.53
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	10.70	9.57
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	10.70	9.54
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	10.70	9.54
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	10.70	9.56
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	10.70	9.57
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	10.70	9.57
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	10.70	9.55
19	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	10.70	9.56
19	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	10.70	9.56
19	Low	30	25	DFT-s-OFDM QPSK	Inner_Full	32_16	2595	519000	10.70	9.56
19	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	10.70	9.57

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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	19.20	18.29
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	19.20	18.33
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	19.20	18.24
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	19.20	18.21
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	19.20	18.08
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	19.20	18.10

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	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	19.20	18.23
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	19.20	18.17
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	19.20	18.23
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	19.20	18.22
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	19.20	18.19
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	19.20	18.21
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	19.20	18.13
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	19.20	18.14
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	19.20	18.22
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	19.20	18.27
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	19.20	18.26
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	19.20	18.21
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	19.20	18.23
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	19.20	18.23
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	19.20	18.19
19	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	19.20	18.21
19	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	19.20	18.20
19	Low	30	25	DFT-s-OFDM QPSK	Inner_Full	32_16	2595	519000	19.20	18.21
19	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	19.20	18.23

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N38(ANT3 DSI 1/2)

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	21.70	20.62
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	21.70	20.66
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	21.70	20.63
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	21.70	20.55
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	21.70	20.45
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	21.70	20.55

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	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	21.70	20.61
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	21.70	20.56
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	21.70	20.51
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	20.70	19.62
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	21.70	20.64
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	21.70	20.65
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	21.70	20.55
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	18.70	17.56
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	21.70	20.65
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	21.70	20.62
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	21.70	20.65
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	21.70	20.62
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	21.70	20.54
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	21.70	20.55
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	21.70	20.64
19	Low	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	21.70	20.46
19	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	21.70	20.42
19	Low	30	25	DFT-s-OFDM QPSK	Inner_Full	32_16	2595	519000	21.70	20.37
19	Low	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	21.70	20.35

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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	25.20	24.06
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	25.20	24.11
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	25.20	24.08
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	25.20	23.98
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	25.20	23.86
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	25.20	23.98

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	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	25.20	24.05
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	24.20	23.06
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	22.70	21.60
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	20.70	19.63
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	23.70	22.57
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	23.20	22.12
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	21.70	20.59
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	18.70	17.66
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	24.20	23.16
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	24.20	23.13
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	24.20	23.05
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	24.20	23.07
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	25.20	23.81
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	25.20	23.87
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	24.20	23.03
19	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	25.20	23.88
19	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	25.20	23.83
19	Middle	30	25	DFT-s-OFDM QPSK	Inner_Full	32_16	2595	519000	25.20	23.77
19	Middle	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	25.20	23.75

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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	14.20	13.21
2	Middle	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2595	519000	14.20	13.24
3	Low	30	10	DFT-s-OFDM QPSK	Inner_Full	12_6	2575	515000	14.20	13.22
4	High	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2600	520000	14.20	13.17
5	Middle	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2595	519000	14.20	13.10
6	Low	30	40	DFT-s-OFDM QPSK	Inner_Full	50_25	2590	518000	14.20	13.17

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	10	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2595	519000	14.20	13.21
2	Middle	30	10	DFT-s-OFDM 16QAM	Inner_Full	12_6	2595	519000	14.20	13.16
3	Middle	30	10	DFT-s-OFDM 64QAM	Inner_Full	12_6	2595	519000	14.20	13.16
4	Middle	30	10	DFT-s-OFDM 256QAM	Inner_Full	12_6	2595	519000	14.20	13.18
5	Middle	30	10	CP-OFDM QPSK	Inner_Full	12_6	2595	519000	14.20	13.19
6	Middle	30	10	CP-OFDM 16QAM	Inner_Full	12_6	2595	519000	14.20	13.15
7	Middle	30	10	CP-OFDM 64QAM	Inner_Full	12_6	2595	519000	14.20	13.13
8	Middle	30	10	CP-OFDM 256QAM	Inner_Full	12_6	2595	519000	14.20	13.17
9	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_22	2595	519000	14.20	13.12
10	Middle	30	10	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	14.20	13.10
11	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Right	1_23	2595	519000	14.20	13.16
12	Middle	30	10	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	14.20	13.17
13	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_22	2595	519000	14.20	13.08
14	Middle	30	10	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	14.20	13.11
15	Middle	30	10	DFT-s-OFDM QPSK	Outer_Full	24_0	2595	519000	14.20	13.15
19	Middle	30	15	DFT-s-OFDM QPSK	Inner_Full	18_9	2595	519000	14.20	13.11
19	Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	14.20	13.09
19	Middle	30	25	DFT-s-OFDM QPSK	Inner_Full	32_16	2595	519000	14.20	13.05
19	Middle	30	30	DFT-s-OFDM QPSK	Inner_Full	36_18	2595	519000	14.20	13.04

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