SAR TEST REPORT

No. 23T04Z80206-09

For

OnePlus Technology (Shenzhen) Co., Ltd.

Mobile Phone

Model Name: CPH2611

with

Hardware Version: 11

Software Version: OxygenOS V14.0

FCC ID: 2ABZ2-AA560

Issued Date: 2023-11-29

Note:

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

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REPORT HISTORY

Report Number	Revision	Issue Date	Description
23T04Z80206-09	Rev.0	2023-11-21	Initial creation of test report
23T04Z80206-09	Rev.0	2023-11-29	Update the information for DLCA on page 366~369. Update the information for WIFI6E PD. Update the information on section 2.

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1 Test Laboratory

1.1. Introduction & Accreditation

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

1.2. Testing Location

Location 1: CTTL(huayuan North Road)

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

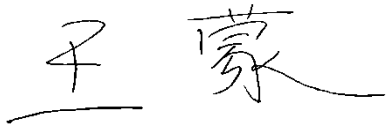
1.3. Testing Environment

Normal Temperature:	15-35℃
Extreme Temperature:	-10/+55℃
Relative Humidity:	20-75%

1.4. Project data

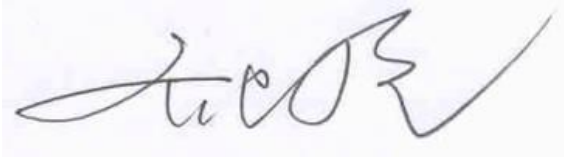
Testing Start Date:	2023-9-29
Testing End Date:	2023-11-28

1.5. Signature



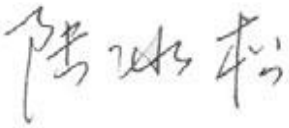
Wang Meng

(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 CPH2611 is as follows:

Table 2.1: Highest Reported SAR (1g)

Mode		Antenna	Highest Reported SAR (1g)	
			1g SAR Head	1g SAR Body
GSM	GSM 850	ANT1	0.17	0.37
	PCS 1900	ANT5	0.07	0.96
WCDMA	UMTS FDD 2	ANT5	0.09	1.15
	UMTS FDD 2	ANT6	0.95	0.89
	UMTS FDD 4	ANT5	0.08	0.93
	UMTS FDD 4	ANT6	1.18	0.50
	UMTS FDD 5	ANT0	0.99	1.00
	UMTS FDD 5	ANT1	0.18	0.30
LTE	LTE Band 7	ANT0	0.89	1.12
	LTE Band 7	ANT2	0.53	0.52
	LTE Band 12	ANT0	0.81	0.85
	LTE Band 12	ANT1	0.15	0.23
	LTE Band 13	ANT0	0.81	0.92
	LTE Band 13	ANT1	0.11	0.17
	LTE Band 25	ANT0	0.61	0.83
	LTE Band 25	ANT5	0.06	0.88
	LTE Band 25	ANT6	0.91	1.01
	LTE Band 25	ANT7	0.88	0.86
	LTE Band 26	ANT0	0.96	0.78
	LTE Band 26	ANT1	0.11	0.22
	LTE Band 30	ANT0	1.06	0.47
	LTE Band 30	ANT2	0.27	0.49
	LTE Band 30	ANT5	0.10	0.85
	LTE Band 30	ANT6	1.01	0.40
	LTE Band 38	ANT0	0.78	0.54
	LTE Band 38	ANT2	0.33	0.38
	LTE Band 38	ANT5	0.06	0.84
	LTE Band 38	ANT6	0.72	0.71
	LTE Band 41 PC3	ANT0	1.11	0.76
	LTE Band 41 PC3	ANT2	0.16	0.19
	LTE Band 41 PC3	ANT5	0.03	0.55
	LTE Band 41 PC3	ANT6	1.13	1.19
	LTE Band 41 PC2	ANT0	1.12	0.81
	LTE Band 41 PC2	ANT2	0.11	0.19
	LTE Band 41 PC2	ANT5	0.04	0.61
	LTE Band 41 PC2	ANT6	1.09	1.08
	LTE Band 48	ANT6	0.58	0.16
	LTE Band 48	ANT8	0.29	0.76
	LTE Band 48	ANT10	1.03	0.57

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	LTE Band 48	ANT12	1.11	0.85
	LTE Band 66	ANT0	0.95	0.31
	LTE Band 66	ANT5	0.11	1.03
	LTE Band 66	ANT6	0.78	0.40
	LTE Band 66	ANT7	0.77	0.96
	LTE Band 71	ANT0	0.67	0.69
	LTE Band 71	ANT1	0.15	0.47
NR	N2	ANT0	1.06	0.75
	N2	ANT5	0.09	0.90
	N2	ANT6	1.04	1.19
	N2	ANT7	0.94	0.86
	N5	ANT0	1.07	0.82
	N5	ANT1	0.15	0.34
	N7	ANT0	1.18	0.58
	N7	ANT2	0.39	0.57
	N25	ANT0	1.17	0.80
	N25	ANT5	0.06	0.81
	N25	ANT6	0.84	0.68
	N25	ANT7	1.04	0.72
	N38	ANT0	1.12	1.02
	N38	ANT2	0.92	0.93
	N38	ANT5	0.11	0.94
	N38	ANT6	0.91	1.19
	N41	ANT0	0.69	0.66
	N41	ANT2	0.69	1.07
	N41	ANT5	0.27	1.19
	N41	ANT6	0.74	0.96
	N66	ANT0	1.18	0.88
	N66	ANT5	0.06	0.82
	N66	ANT6	0.97	0.81
	N66	ANT7	1.10	0.79
	N71	ANT0	0.81	0.83
	N71	ANT1	0.18	0.39
	N77-L	ANT6	1.19	0.72
	N77-L	ANT8	1.08	1.08
	N77-L	ANT10	1.05	0.69
	N77-L	ANT12	0.92	0.45
	N77-H	ANT6	0.80	0.43
	N77-H	ANT8	1.03	0.92
	N77-H	ANT10	1.07	0.82
	N77-H	ANT12	0.92	0.60
	N78-L	ANT6	0.75	0.79
	N78-L	ANT8	0.60	0.81
	N78-L	ANT10	1.19	1.12
	N78-L	ANT12	0.66	0.51
	N78-H	ANT6	0.70	0.61
	N78-H	ANT8	0.54	0.75
	N78-H	ANT10	1.18	1.19

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	N78-H	ANT12	0.93	0.60
WLAN 2.4 GHz		ANT12	0.93	0.29
		ANT7	0.41	0.21
		MIMO	0.72	0.262
WLAN 5 GHz		ANT9	0.71	0.30
		ANT15	0.19	0.43
		MIMO	1.14	0.48
WLAN 6E		ANT9	0.40	0.08
		ANT15	<0.01	0.22
BT		ANT12	0.20	0.13
		ANT7	0.11	0.17

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

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

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

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

Head:1.19 W/kg(1g)

Body: 1.19 W/kg(1g)

The device have similar frequency in some LTE bands ： LTE Band2/25, LTE Band4/26, LTE Band5/26 and LTE Band12/17 since the supported frequency spans for the smaller LTE bands are completely cover by the larger LTE bands and the channel bandwidth and other operating parameters for the smaller band be fully supported by the larger band, therefore, only larger LTE bands were required to be tested for SAR.

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

	Position	**Main antenna**	**WiFi**	**Sum**
Highest SAR value	Right head, Cheek	1.194 (NR N78-L ANT10)	0.386 (WiFi5G ANT9)	**1.58**

Note: The result of NFC is lower than 0.01

According to the above tables, the highest sum of reported SAR values is **1.58 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.
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Contact Person:	Ariel Cheng
Contact Email:	chenglijun1@oppo.com
Telephone:	(86)75561882366
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, Guangdong, P.R. China.
Contact Person:	Ariel Cheng
Contact Email:	chenglijun1@oppo.com
Telephone:	(86)75561882366
Fax	/

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

4.1 About EUT

Description:	Mobile Phone	
Model name:	CPH2611	
Operating mode(s):	GSM850/900/18001900, WCDMA B1/2/4/5/8 LTE Band FDD:1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/30/66/71 LTE Band TDD:38/39/40/41/48 5G NR N1/2/3/5/7/20/25/28/38/40/41/66/71/77/78 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)	
	2305 – 2315 MHz (LTE Band 30)	
	2570 – 2620 MHz (LTE Band 38)	
	2496 – 2690 MHz (LTE Band 41)	
	1710 – 1780 MHz (LTE Band 66)	
	663 – 698 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)	
	1850 – 1915 MHz(n25)	
	2570 – 2620 MHz (n38)	
	2496 – 2690 MHz (n41)	
	1710– 1780 MHz (n66)	
	663 – 698 MHz (n71)	
	3450 – 3550 MHz (n77L)	

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	3700 – 3980 MHz (n77H)
	3450 – 3550 MHz (n78L)
	3700 – 3800 MHz (n78H)
	13.56 MHz (NFC)
GPRS/EGPRS Multislot Class:	33
Test device production information:	Production unit
Device type:	Portable device
Antenna type:	Integrated antenna
Hotspot mode:	Support

4.2 Internal Identification of EUT used during the test

EUT ID*	IMEI	HW Version	SW Version
EUT1	869135060029372	11	OxygenOS V14.0
EUT2	869135060026790	11	OxygenOS V14.0
EUT3	869135060028515	11	OxygenOS V14.0
EUT4	869135060029315	11	OxygenOS V14.0
EUT5	869135060026451	11	OxygenOS V14.0
EUT6	869135060023797	11	OxygenOS V14.0
EUT7	869135060023938	11	OxygenOS V14.0
EUT8	869135060023912	11	OxygenOS V14.0

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

Note: It is performed to test SAR with the EUT1~5 and conducted power with the EUT6~8.

4.3 Internal Identification of AE used during the test

AE ID*	Description	Model	SN	Manufacturer
AE1	Battery	BLPA33	/	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 D01: General RF Exposure Guidance v06: Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies.

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

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

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

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

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

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

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

TCB Workshop April 27, 2022:RF Exposure Procedures

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

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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
DSI4	FCC Body
DSI5	FCC Head
DSI9	WWAN+WIFI2.4G Body/ WWAN+WIFI5G Body/ WWAN+WIFI6E Body/ WWAN+BT Body
DSI10	WWAN+WIFI2.4G Head/ WWAN+WIFI5G Head/ WWAN+WIFI6E Head/ WWAN+BT Head
DSI14	WWAN+WIFI2.4G+BT Body/WWAN+WIFI5G+BT Body/ WWAN+WIFI6E+BT Body/WWAN+WIFI2.4G+WIFI5G Body/ WWAN+WIFI2.4G+WIFI6E Body/WWAN+WIFI2.4G+WIFI5G+BT Body/ WWAN+WIFI2.4G+WIFI6E+BT Body
DSI15	WWAN+WIFI2.4G+BT Head/WWAN+WIFI5G+BT Head/ WWAN+WIFI6E+BT Head/WWAN+WIFI2.4G+WIFI5G Head/ WWAN+WIFI2.4G+WIFI6E Head/WWAN+WIFI2.4G+WIFI5G+BT Head/ WWAN+WIFI2.4G+WIFI6E+BT Head

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

Band	Antenna	FCC Body	FCC Head	WWAN+WIFI2.4G Body/ WWAN+WIFI5G Body/ WWAN+WIFI6E Body/ WWAN+BT Body	WWAN+WIFI2.4G Head/ WWAN+WIFI5G Head/ WWAN+WIFI6E Head/ WWAN+BT Head	WWAN+WIFI2.4G+BT Body/ WWAN+WIFI5G+BT Body/ WWAN+WIFI6E+BT Body/ WWAN+WIFI2.4G+WIFI5G Body/ WWAN+WIFI2.4G+WIFI6E Body/ WWAN+WIFI2.4G+WIFI5G+BT Body/ WWAN+WIFI2.4G+WIFI6E+BT Body	WWAN+WIFI2.4G+BT Head/ WWAN+WIFI5G+BT Head/ WWAN+WIFI6E+BT Head/ WWAN+WIFI2.4G+WIFI5G Head/ WWAN+WIFI2.4G+WIFI6E Head/ WWAN+WIFI2.4G+WIFI5G+BT Head/ WWAN+WIFI2.4G+WIFI6E+BT Head	Pmax*
		DSI 4	DSI 5	DSI 9	DSI 10	DSI 14	DSI 15	
G850	1	33	33	33	33	32	32	33
G1900	5	29.5	29.5	26.5	26.5	26	26.5	30
WB2	5	20.5	20.5	18	18	18	18	24
	6	21	18	18.5	18	18.5	18	23.5
WB4	5	21	21	18.5	18.5	18.5	18.5	24
	6	21	19	18.5	17.5	18.5	16.5	23.5
WB5	0	23.5	23.5	22.5	22	22.5	21	23.5
	1	24.2	24.2	22.7	22.7	22.7	22.7	24.2
LTE B2	0	20.5	18	17.5	17	17.5	16	22
	5	20.2	20.2	18.2	18.2	18.2	18.2	24.2
	6	20.5	18	18	17	18	16	23.5
	7	21	21.5	18.5	20	18.5	19	23
LTE B4	0	17.5	20	15	19	15	18	22
	5	21.2	22.2	18.7	19.7	18.7	19.7	24.2
	6	22	19	19	17.5	19	16.5	23.5
	7	22	21	19.5	19.5	19.5	18.5	24
LTE B5	0	23.5	22.5	21.5	20.5	21.5	19.5	23.5
	1	24.2	24.2	21.2	21.2	21.2	21.2	24.2
LTE B7	0	22.5	20	22.5	20	22.5	20	23
	2	23	22	20.5	19.5	20	19	23.5
LTE B12	0	23.5	23.5	23	22.5	23	21.5	23.5
	1	24.2	24.2	24.2	24.2	24.2	24.2	24.2
LTE B13	0	23.5	22	21.5	21	21.5	20	23.5
	1	24.2	24.2	23.7	23.7	23.7	23.7	24.2
LTE B17	0	23.5	23.5	23	22.5	23	21.5	23.5
	1	24.2	24.2	24.2	24.2	24.2	24.2	24.2
LTE B25	0	20.5	18	17.5	17	17.5	16	22
	5	20.2	20.2	18.2	18.2	18.2	18.2	24.2
	6	20.5	18	18	17	18	16	23.5
	7	21.2	21.7	18.7	20.2	18.7	19.2	23.2
LTE B26	0	23.5	22.5	21.5	20.5	21.5	19.5	23.5
	1	24.2	24.2	22.2	22.2	22.2	22.2	24.2
LTE 30	0	21.8	21.8	21.8	20.3	21.8	20.3	21.8
	2	23.5	23.5	21	21	21	21	23.5
	5	21.2	21.2	18.2	18.2	18.2	18.2	24.2
	6	20.1	20.1	17.1	18.6	17.1	17.6	23.6
LTE B38	0	21.5	21	19.5	19.5	19.5	18.5	23
	2	21	19	19	17.5	19	16.5	23.5
	5	20.7	20.7	18.2	18.2	18.2	18.2	24.2
	6	21.5	19	19	17	19	15.5	24
LTE B41-PC2	0	23.1	22.6	20.6	21.6	20.6	20.6	24.5
	2	21.1	20.6	19.1	19.1	19.1	18.1	25
	5	21.1	21.1	19.1	19.1	19.1	19.1	25.5
	6	23.6	21.6	21.6	21.6	21.6	21.1	25
LTE B41-PC3	0	21.7	21.2	19.2	20.2	19.2	19.2	23.7
	2	19.7	19.2	17.7	17.7	17.7	16.7	24.2
	5	19.5	19.5	17.5	17.5	17.5	17.5	24
	6	22	20	20	20	20	19.5	23.5
LTE B48	6	20.2	19.2	20.2	17.7	20.2	16.7	20.2
	8	23.5	18	21	16.5	20.5	15.5	24
	10	20.2	19.7	18.2	18.7	18.2	17.7	20.2
	12	24.2	17.2	22.2	15.2	22.2	14.7	24.2
LTE B66	0	18	20	16	19	16	18	22
	5	21.2	22.2	18.7	19.7	18.7	19.7	24.2
	6	22	19	19	17.5	19	16.5	23.5
	7	22.6	21.1	20.1	19.6	20.1	18.6	23.6
LTE B71	0	22.5	22	20	21	20	20	23.5
	1	24.2	24.2	24.2	24.2	24.2	24.2	24.2
N2	0	19.5	19.5	17	18.5	17	17	22
	5	20	20	17.5	17.5	17.5	17.5	24
	6	22	17.5	19	16.5	19	15	23.5
	7	21.2	20.7	18.7	19.7	18.7	18.7	23.2
N5	0	23.2	22.7	21.2	21.2	21.2	20.2	23.2
	1	23.5	23.5	20.5	20.5	20.5	20.5	24
N7	0	21	21	21	19.5	21	19.5	23
	2	22	22	19.5	19.5	19.5	19.5	23.5
N25	0	20	19	17.5	17.5	17.5	15	22
	5	19.5	19.5	17.5	17.5	17.5	17.5	24
	6	19	17.5	19	16	19	15	23.5
	7	21.2	21.2	19.2	20.2	19.2	19.2	23.2
N38	0	22.5	20.5	22.5	19	22.5	19	23
	2	23	23	20.5	20.5	20.5	20.5	23.5
	5	21.5	22.5	19	20	19	20	24
	6	19.7	16.7	18.2	15.7	18.2	14.2	23.2
N41-PC2	0	20.5	19	20.5	19	20.5	19	24.5
	2	22	22	19.5	19.5	19.5	19.5	25
	5	19.5	25.5	19.5	25.5	19.5	25.5	25.5
	6	19	15	18	15	18	14	25
N41-PC3	0	20.5	19	20.5	19	20.5	19	23
	2	22	22	19.5	19.5	19.5	19.5	23.5
	5	19.5	24	19.5	24	19.5	24	24
	6	18.7	14.7	17.7	14.7	17.7	13.7	23.2
N66	0	20.5	19.5	18	18	18	17	22
	5	19.5	19.5	17	17	17	17	24
	6	22	18.5	19.5	17	19.5	16	23.5
	7	21.7	21.2	18.7	20.2	18.7	18.7	23.2
N71	0	23.2	22.7	21.2	21.2	21.2	20.2	23.2
	1	24	24	23.5	23.5	23.5	23.5	24
N77-PC2	6	20.8	16.3	20.8	14.8	20.8	13.8	20.8
	8	22.2	19.2	19.7	17.7	19.7	16.7	24.2
	10	18.8	17.8	18.8	16.3	18.8	14.8	20.8
	12	19.5	13	16.5	11	16.5	10.5	25
N77-PC3	6	19.8	16.3	19.8	14.8	19.8	13.8	19.8
	8	22.2	19.2	19.7	17.7	19.7	16.7	23.2
	10	18.8	17.8	18.8	16.3	18.8	14.8	19.8
	12	19.5	13	16.5	11	16.5	10.5	24
N78-PC2	6	22	16	21.5	16	21.5	16	22
	8	21.5	18	19	17	19	16	26
	10	21	18	18.5	18	18.5	17.5	22
	12	19.5	13.5	16.5	11.5	16.5	10.5	26
N78-PC3	6	20	16	20	16	20	16	20
	8	21.5	18	19	17	19	16	24
	10	20	18	18.5	18	18.5	17.5	20
	12	19.5	13.5	16.5	11.5	16.5	10.5	24

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 (%)
2023/10/5	Head	750 MHz	43.25	3.12	0.876	-1.57
2023/10/11	Head	750 MHz	42.34	0.95	0.900	1.12
2023/10/2	Head	835 MHz	42.97	3.54	0.915	1.67
2023/10/29	Head	835 MHz	42.06	1.36	0.932	3.56
2023/10/4	Head	835 MHz	41.16	-0.82	0.898	-0.22
2023/9/29	Head	835 MHz	41.61	0.27	0.907	0.78
2023/10/31	Head	1750 MHz	40.77	1.72	1.359	-0.80
2023/10/6	Head	1750 MHz	39.92	-0.40	1.349	-1.53
2023/10/5	Head	1750 MHz	39.06	-2.54	1.374	0.29
2023/10/3	Head	1900 MHz	40.42	1.05	1.462	4.43
2023/10/30	Head	1900 MHz	39.57	-1.08	1.452	3.71
2023/10/8	Head	1900 MHz	38.72	-3.20	1.458	4.14
2023/10/13	Head	1900 MHz	39.36	-1.60	1.468	4.86
2023/10/18	Head	1900 MHz	40.12	0.30	1.459	4.21
2023/10/1	Head	2300 MHz	38.87	-1.52	1.716	2.75
2023/10/25	Head	2450 MHz	39.99	2.02	1.867	3.72
2023/10/24	Head	2450 MHz	40.19	2.53	1.877	4.28
2023/11/14	Head	2450 MHz	39.74	1.38	1.856	3.11
2023/11/10	Head	2450 MHz	39.49	0.74	1.844	2.44

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2023/10/23	Head	2600 MHz	40.56	3.97	2.044	4.29
2023/10/7	Head	2600 MHz	40.23	3.13	2.027	3.42
2023/10/9	Head	2600 MHz	39.66	1.67	1.998	1.94
2023/10/10	Head	2600 MHz	39.86	2.18	2.009	2.50
2023/10/16	Head	2600 MHz	39.41	1.03	1.986	1.33
2023/10/19	Head	2600 MHz	39.58	1.46	1.994	1.73
2023/10/21	Head	2600 MHz	39.45	1.13	1.988	1.43
2023/10/14	Head	3500 MHz	39.06	2.98	2.941	1.07
2023/10/22	Head	3500 MHz	38.55	1.63	2.903	-0.24
2023/11/5	Head	3500 MHz	38.75	2.16	2.917	0.24
2023/10/14	Head	3700 MHz	38.63	2.47	3.143	0.74
2023/11/11	Head	3700 MHz	38.13	1.14	3.102	-0.58
2023/11/13	Head	3700 MHz	38.31	1.62	3.206	2.76
2023/11/11	Head	3900 MHz	37.71	0.64	3.307	-0.39
2023/10/26	Head	5250 MHz	36.42	1.36	4.797	1.85
2023/10/27	Head	5250 MHz	35.36	-1.59	4.870	3.40
2023/11/16	Head	5250 MHz	37.13	3.34	4.851	2.99
2023/10/26	Head	5600 MHz	35.71	0.51	5.193	2.43
2023/10/27	Head	5600 MHz	34.66	-2.45	5.272	3.98
2023/11/16	Head	5600 MHz	36.39	2.42	5.251	3.57
2023/10/26	Head	5750 MHz	35.39	0.08	5.368	2.84
2023/10/27	Head	5750 MHz	34.36	-2.83	5.450	4.41
2023/11/16	Head	5750 MHz	36.08	2.04	5.428	3.98
2023/10/28	Head	6500 MHz	35.19	2.00	6.290	3.62
2023/11/18	Head	13 MHz	52.72	-4.15	0.771	2.80

Note: The liquid temperature is 22.0°C

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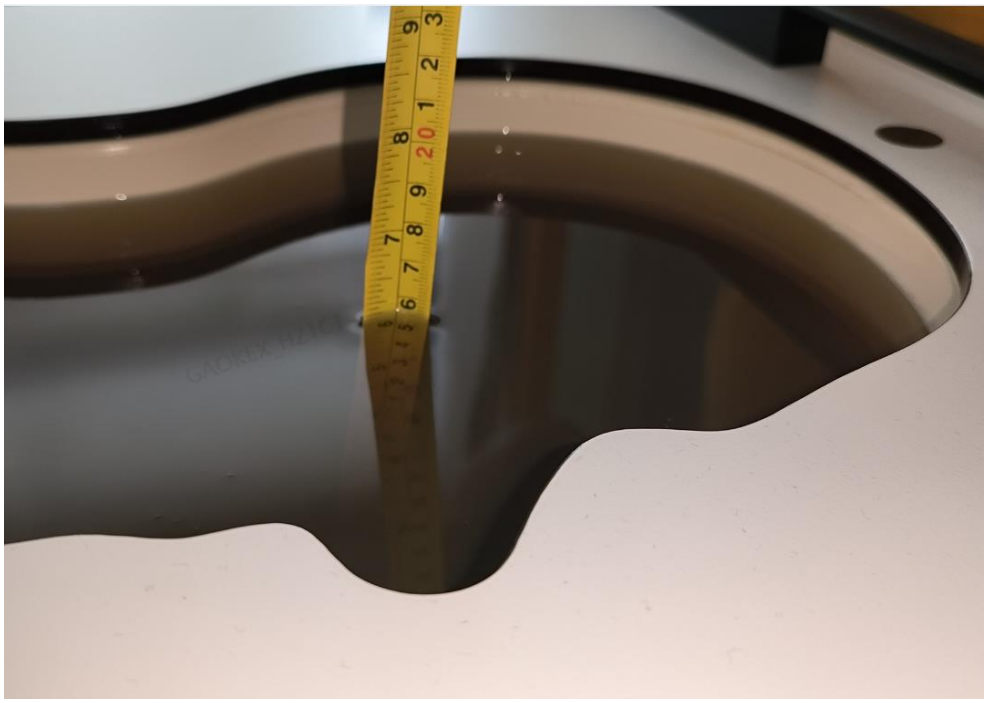
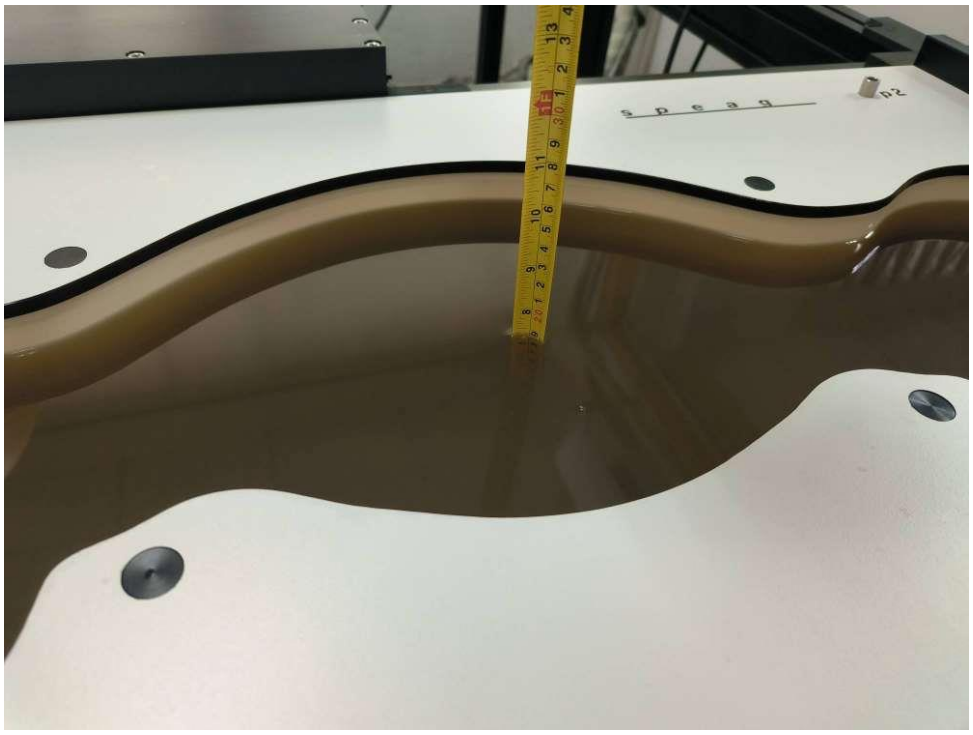


Picture 8-1 Liquid depth in the Head Phantom



Picture 8-2 Liquid depth in the Flat Phantom

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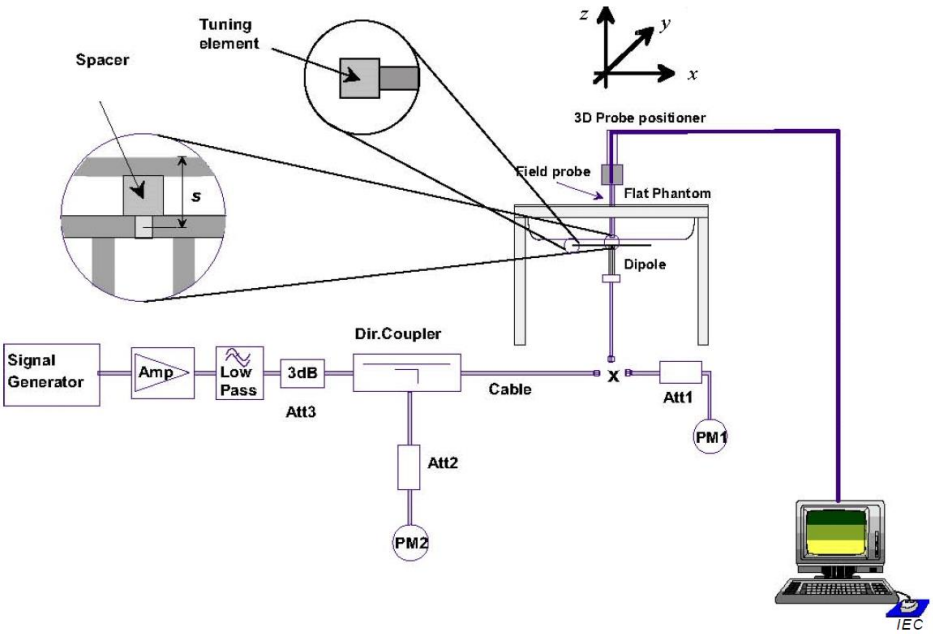
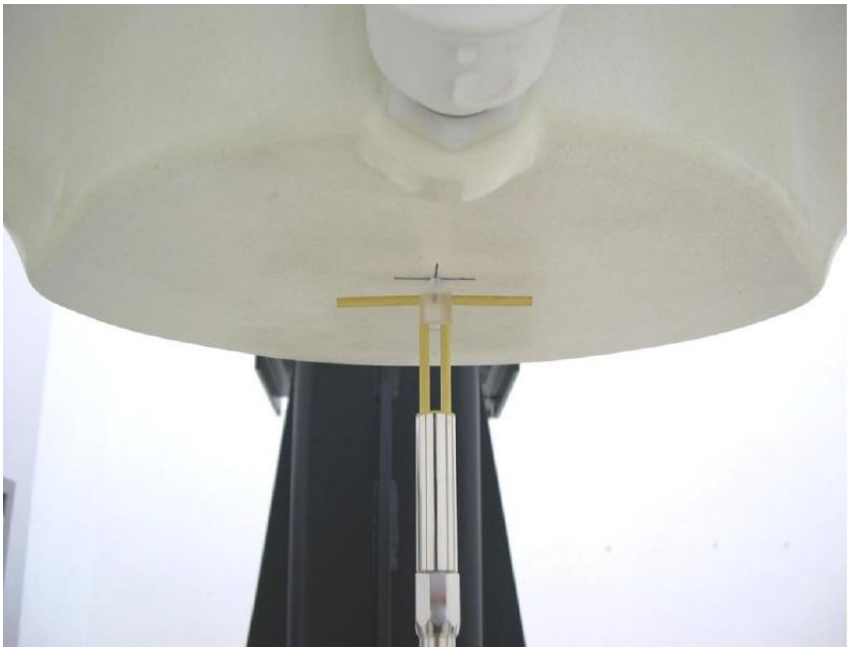
9 System verification

9.1 System Setup

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



Picture 9-1 System Setup for System Evaluation



Picture 9-2 Photo of Dipole Setup

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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
2023/10/5	750 MHz	5.49	8.42	5.88	8.96	7.10%	6.41%
2023/10/11	750 MHz	5.49	8.42	5.64	8.48	2.73%	0.71%
2023/10/2	835 MHz	6.25	9.62	6.48	9.96	3.68%	3.53%
2023/10/29	835 MHz	6.25	9.62	6.36	9.68	1.76%	0.62%
2023/10/4	835 MHz	6.25	9.62	6.36	9.72	1.76%	1.04%
2023/9/29	835 MHz	6.25	9.62	6.28	9.68	0.48%	0.62%
2023/10/31	1750 MHz	18.9	35.8	19.6	37.0	3.70%	3.46%
2023/10/6	1750 MHz	18.9	35.8	20.1	37.0	6.46%	3.46%
2023/10/5	1750 MHz	18.9	35.8	19.7	36.5	4.13%	2.01%
2023/10/3	1900 MHz	20.7	39.8	21.0	40.0	1.26%	0.40%
2023/10/30	1900 MHz	20.7	39.8	20.8	39.5	0.29%	-0.70%
2023/10/8	1900 MHz	20.7	39.8	20.9	39.9	0.87%	0.20%
2023/10/13	1900 MHz	20.7	39.8	21.3	40.4	3.00%	1.51%
2023/10/18	1900 MHz	20.7	39.8	20.8	39.8	0.68%	0.10%
2023/10/1	2300 MHz	24.0	49.1	24.1	49.6	0.50%	1.02%
2023/10/25	2450 MHz	24.7	52.1	25.0	52.8	1.38%	1.34%
2023/10/24	2450 MHz	24.7	52.1	24.8	52.4	0.40%	0.58%
2023/11/14	2450 MHz	24.7	52.1	25.2	53.2	2.19%	2.11%
2023/11/10	2450 MHz	24.7	52.1	25.0	52.8	1.21%	1.34%
2023/10/23	2600 MHz	25.1	55.2	25.0	54.8	-0.24%	-0.72%
2023/10/7	2600 MHz	25.1	55.2	25.6	56.4	1.83%	2.17%
2023/10/9	2600 MHz	25.1	55.2	25.2	56.4	0.56%	2.17%
2023/10/10	2600 MHz	25.1	55.2	25.0	56.0	-0.56%	1.45%
2023/10/16	2600 MHz	25.1	55.2	25.7	56.4	2.31%	2.17%
2023/10/19	2600 MHz	25.1	55.2	25.4	55.2	1.35%	0.00%
2023/10/21	2600 MHz	25.1	55.2	25.1	54.8	-0.08%	-0.72%
2023/10/14	3500 MHz	25.2	66.90	23.8	62.5	-5.56%	-6.58%
2023/10/22	3500 MHz	25.2	66.90	26.5	67.2	5.16%	0.45%
2023/11/5	3500 MHz	25.2	66.90	26.8	67.3	6.35%	0.60%
2023/10/14	3700 MHz	24.7	67.8	25.8	67.3	4.45%	-0.74%

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2023/11/11	3700 MHz	24.7	67.8	25.6	67.6	3.64%	-0.29%
2023/11/13	3700 MHz	24.7	67.8	25.9	67.6	4.86%	-0.29%
2023/11/11	3900 MHz	24.2	69.9	24.3	67.3	0.41%	-3.72%
2023/10/26	5250 MHz	22.8	79.6	23.2	78.6	1.75%	-1.26%
2023/10/27	5250 MHz	22.8	79.6	21.0	76.8	-7.89%	-3.52%
2023/11/16	5250 MHz	22.8	79.6	23.6	80.2	3.51%	0.75%
2023/10/26	5600 MHz	23.8	83.6	24.3	82.7	2.10%	-1.08%
2023/10/27	5600 MHz	23.8	83.6	22.0	80.6	-7.56%	-3.59%
2023/11/16	5600 MHz	23.8	83.6	24.2	83.0	1.68%	-0.72%
2023/10/26	5750 MHz	22.7	80.5	21.1	76.6	-7.05%	-4.84%
2023/10/27	5750 MHz	22.7	80.5	21.5	77.3	-5.29%	-3.98%
2023/11/16	5750 MHz	22.7	80.5	23.1	80.0	1.76%	-0.62%
2023/10/28	6500 MHz	53.3	289.0	54.7	290.0	2.63%	0.35%
2023/11/18	13 MHz	0.35	0.57	0.375	0.616	6.23%	7.50%

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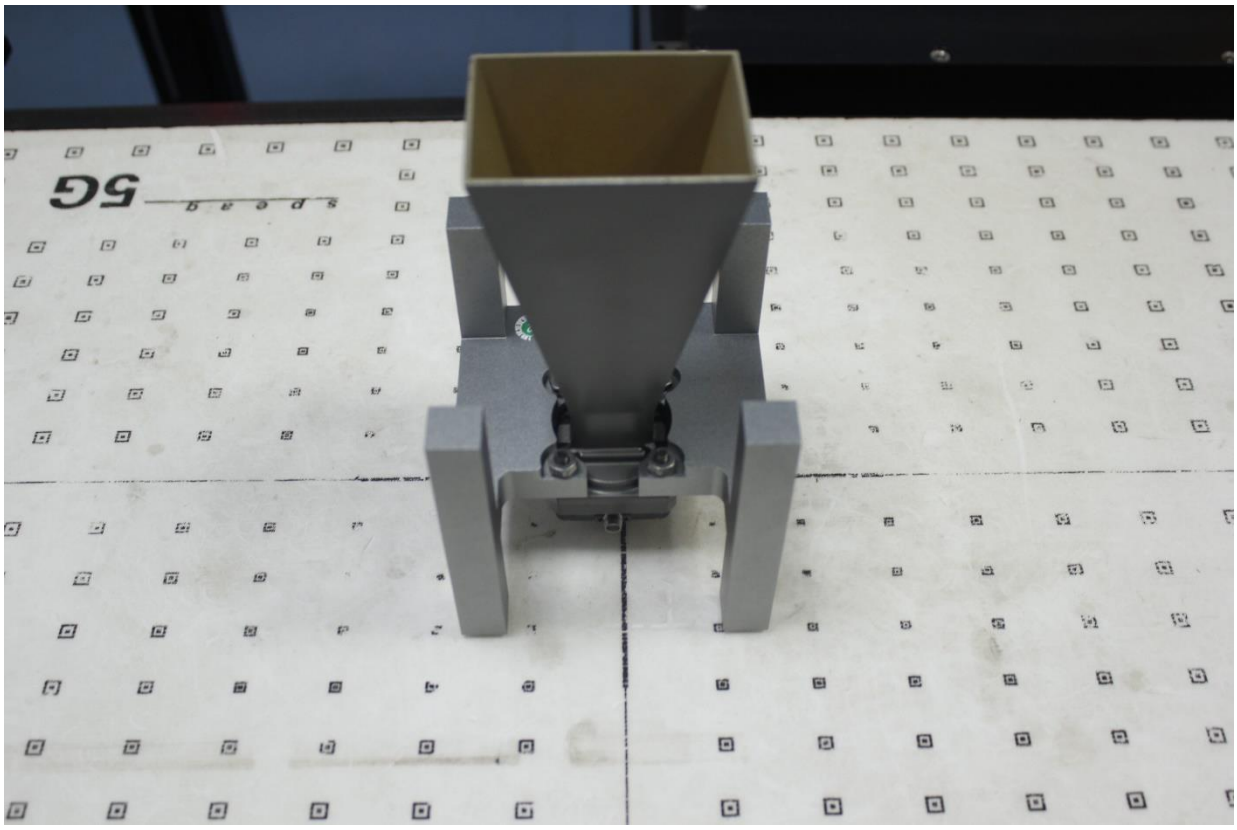
9.3 PD System Performance Check Results

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)
2023/11/19	10	10GHz_1005	9492	10	54.2	53.9	0.02
2023/11/28	10	10GHz_1005	9492	10	54.2	51.7	0.21



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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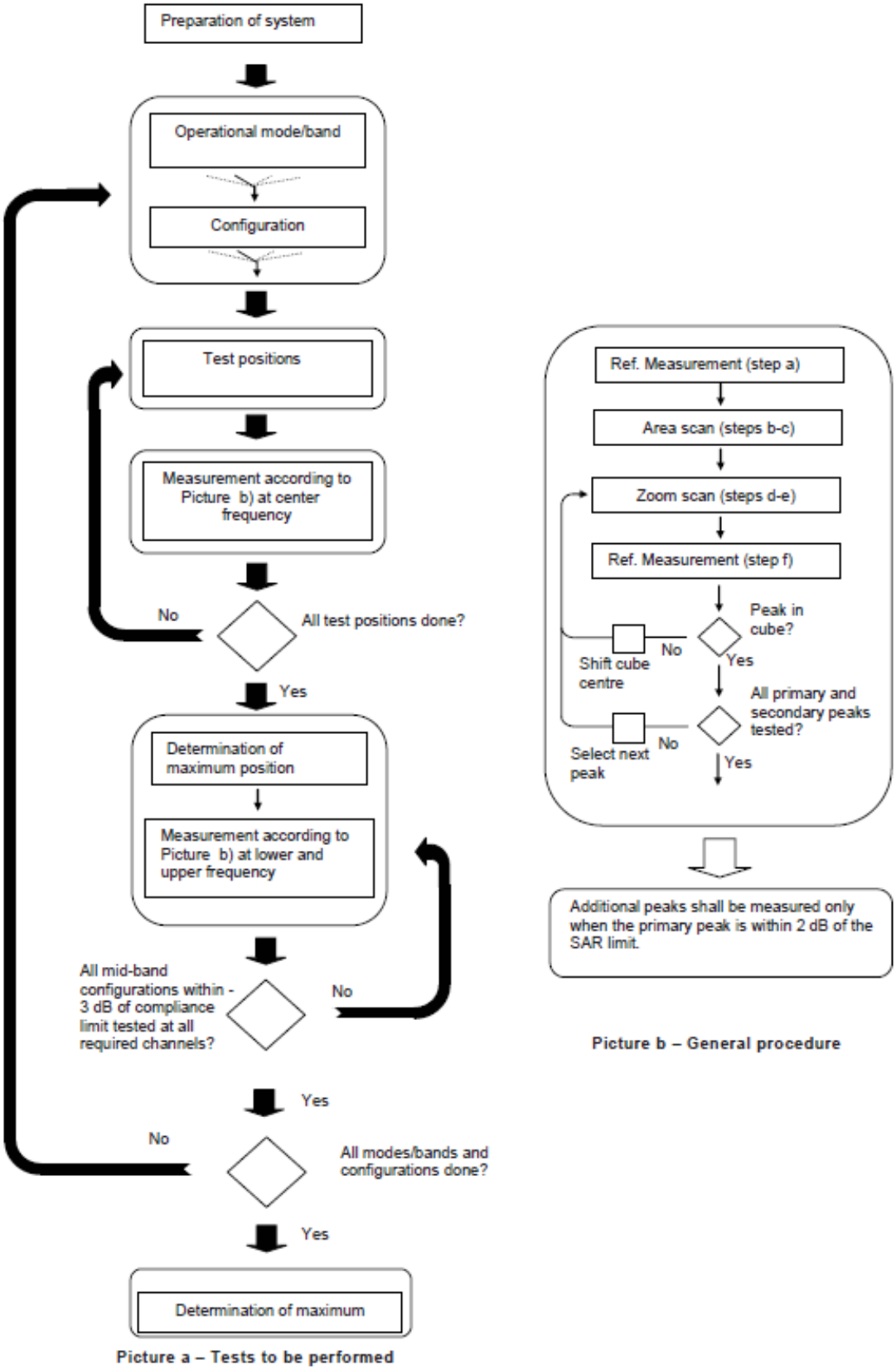

Picture 10-1 Block diagram of the tests to be performed

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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.

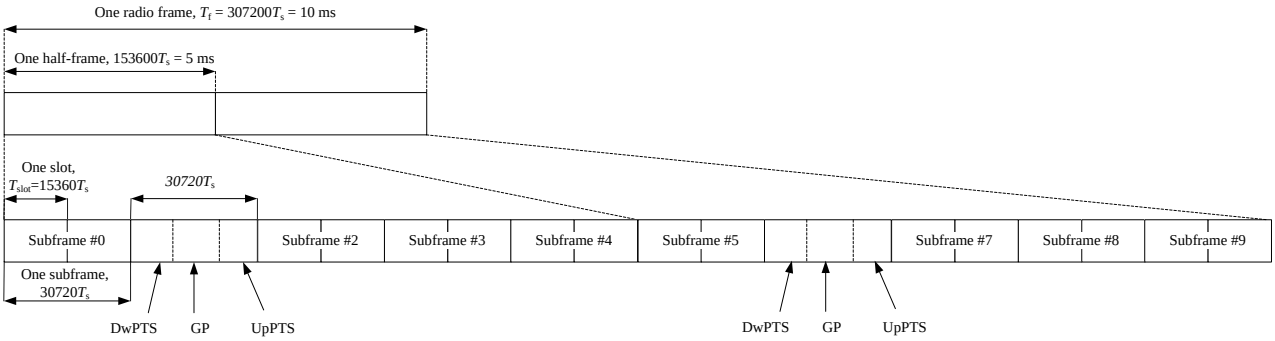

Figure 9.2: Frame structure type 2 (for 5 ms switch-point periodicity)

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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/5G 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
DSI4	FCC Body
DSI5	FCC Head
DSI9	WWAN+WIFI2.4G Body/ WWAN+WIFI5G Body/ WWAN+WIFI6E Body/ WWAN+BT Body
DSI10	WWAN+WIFI2.4G Head/ WWAN+WIFI5G Head/ WWAN+WIFI6E Head/ WWAN+BT Head
DSI14	WWAN+WIFI2.4G+BT Body/WWAN+WIFI5G+BT Body/ WWAN+WIFI6E+BT Body/WWAN+WIFI2.4G+WIFI5G Body/ WWAN+WIFI2.4G+WIFI6E Body/WWAN+WIFI2.4G+WIFI5G+BT Body/ WWAN+WIFI2.4G+WIFI6E+BT Body
DSI15	WWAN+WIFI2.4G+BT Head/WWAN+WIFI5G+BT Head/ WWAN+WIFI6E+BT Head/WWAN+WIFI2.4G+WIFI5G Head/ WWAN+WIFI2.4G+WIFI6E Head/WWAN+WIFI2.4G+WIFI5G+BT Head/ WWAN+WIFI2.4G+WIFI6E+BT Head

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12.1 GSM Measurement result

GSM850(ANT1 DSI 4/5/9/14)

GSM 850 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	33.62	33.49	32.85	34.00	/	/	/	/
GSM 850 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	33.63	33.63	33.07	34.00	-9.03	24.60	24.60	24.04
2 Txslots	31.00	30.87	30.28	31.50	-6.02	24.98	24.85	24.26
3Txslots	29.22	28.81	28.68	30.00	-4.26	24.96	24.55	24.42
4 Txslots	28.07	28.14	27.93	29.00	-3.01	25.06	25.13	24.92
GSM 850 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	33.61	33.60	33.06	34.00	-9.03	24.58	24.57	24.03
2 Txslots	31.01	30.97	30.46	31.50	-6.02	24.99	24.95	24.44
3Txslots	29.60	29.38	28.68	30.00	-4.26	25.34	25.12	24.42
4 Txslots	28.42	28.34	27.95	29.00	-3.01	25.41	25.33	24.94
GSM 850 EGPRS (8PSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	251	190	128			251	190	128
1 Txslot	27.42	27.47	26.98	28.00	-9.03	18.39	18.44	17.95
2 Txslots	24.80	24.66	24.12	25.50	-6.02	18.78	18.64	18.10
3Txslots	23.51	23.41	22.87	24.50	-4.26	19.25	19.15	18.61
4 Txslots	22.88	22.96	22.62	24.00	-3.01	19.87	19.95	19.61

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GSM1900(ANT5 DSI 4/5)

GSM 1900 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	30.15	29.93	29.91	30.50	/	/	/	/
GSM 1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	29.72	29.80	29.85	30.50	-9.03	20.69	20.77	20.82
2 Txslots	26.10	26.35	26.27	27.40	-6.02	20.08	20.33	20.25
3Txslots	24.64	24.59	24.60	25.50	-4.26	20.38	20.33	20.34
4 Txslots	23.29	23.39	23.43	25.00	-3.01	20.28	20.38	20.42
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	30.06	29.89	29.92	30.50	-9.03	21.03	20.86	20.89
2 Txslots	26.42	26.50	26.45	27.40	-6.02	20.40	20.48	20.43
3Txslots	24.74	24.74	24.60	25.50	-4.26	20.48	20.48	20.34
4 Txslots	23.87	23.17	23.32	25.00	-3.01	20.86	20.16	20.31
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	25.99	26.48	26.36	27.00	-9.03	16.96	17.45	17.33
2 Txslots	23.51	23.02	23.35	24.50	-6.02	17.49	17.00	17.33
3Txslots	21.57	21.45	21.50	23.50	-4.26	17.31	17.19	17.24
4 Txslots	19.65	20.25	19.53	22.50	-3.01	16.64	17.24	16.52

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GSM1900(ANT5 DSI 9/10)

GSM 1900 Speech (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	26.73	26.81	26.75	27.00	/	/	/	/
GSM 1900 GPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	26.08	26.48	26.45	27.50	-9.03	17.05	17.45	17.42
2 Txslots	23.89	23.87	23.93	24.40	-6.02	17.87	17.85	17.91
3Txslots	22.05	22.07	21.52	22.50	-4.26	17.79	17.81	17.26
4 Txslots	20.59	20.57	20.13	22.00	-3.01	17.58	17.56	17.12
GSM 1900 EGPRS (GMSK)	Measured timeslot-averaged output power (dBm)			Tune up	calculation	Source-based time-averaged output power (dBm)		
	810	661	512			810	661	512
1 Txslot	26.87	26.92	26.80	27.50	-9.03	17.84	17.89	17.77
2 Txslots	23.82	23.74	23.86	24.40	-6.02	17.80	17.72	17.84
3Txslots	22.04	21.86	21.69	22.50	-4.26	17.78	17.60	17.43
4 Txslots	20.71	20.33	20.70	22.00	-3.01	17.70	17.32	17.69
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	26.23	26.47	26.47	27.00	-9.03	17.20	17.44	17.44
2 Txslots	23.38	23.16	23.15	24.40	-6.02	17.36	17.14	17.13
3Txslots	20.75	21.22	20.51	22.50	-4.26	16.49	16.96	16.25
4 Txslots	20.06	20.57	20.13	22.00	-3.01	17.05	17.56	17.12

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12.2 WCDMA Measurement result

WCDMA1900(ANT5 DSI 4/5)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	19.88	19.92	19.86	21.30
HSUPA	1	18.97	19.02	19.05	20.80
	2	17.10	17.11	17.15	18.80
	3	17.10	17.09	17.10	18.80
	4	17.03	17.04	17.10	18.80
	5	18.98	19.07	19.01	20.80
HSPA+	\	17.62	17.63	17.58	17.80
DC-HSDPA	1	19.45	19.50	19.46	21.30
	2	19.43	19.42	19.38	21.30
	3	18.96	18.86	18.93	20.80
	4	18.90	18.92	18.88	20.80

WCDMA1900(ANT5 DSI 9/10/14/15)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	17.32	17.33	17.28	18.80
HSUPA	1	16.4	16.45	16.47	17.80
	2	14.78	14.79	14.83	15.80
	3	14.78	14.77	14.78	15.80
	4	14.72	14.73	14.78	15.80
	5	16.41	16.49	16.44	17.80
HSPA+	\	14.23	14.25	14.20	14.80
DC-HSDPA	1	16.47	16.51	16.48	18.30
	2	16.45	16.45	16.41	18.30
	3	16.05	15.96	16.02	17.80
	4	16	16.01	15.98	17.80

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WCDMA1900(ANT6 DSI 4)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	20.93	20.95	20.83	21.80
HSUPA	1	19.42	19.48	19.51	20.80
	2	17.51	17.52	17.57	18.80
	3	17.51	17.50	17.51	18.80
	4	17.44	17.45	17.51	18.80
	5	19.44	19.53	19.47	20.80
HSPA+	\	17.04	17.06	17.00	17.80
DC-HSDPA	1	19.51	19.56	19.52	21.30
	2	19.49	19.48	19.44	21.30
	3	19.01	18.90	18.98	20.80
	4	18.95	18.97	18.93	20.80

WCDMA1900(ANT6 DSI 5/10/15)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	17.97	18.01	17.84	18.80
HSUPA	1	16.45	16.50	16.52	17.80
	2	14.83	14.83	14.87	15.80
	3	14.83	14.82	14.83	15.80
	4	14.77	14.78	14.83	15.80
	5	16.46	16.54	16.49	17.80
HSPA+	\	14.28	14.29	14.24	14.80
DC-HSDPA	1	16.52	16.56	16.53	18.30
	2	16.5	16.50	16.46	18.30
	3	16.09	16.00	16.07	17.80
	4	16.05	16.06	16.03	17.80

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WCDMA1900(ANT6 DSI 9/14)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	18.31	18.24	18.13	19.30
HSUPA	1	16.74	16.79	16.81	18.30
	2	15.09	15.09	15.14	16.30
	3	15.09	15.08	15.09	16.30
	4	15.03	15.04	15.09	16.30
	5	16.75	16.83	16.78	18.30
HSPA+	\	14.54	14.56	14.51	15.30
DC-HSDPA	1	17.01	17.05	17.02	18.80
	2	16.99	16.99	16.95	18.80
	3	16.58	16.49	16.55	18.30
	4	16.53	16.54	16.51	18.30

WCDMA1700(ANT5 DSI 4/5)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	21.11	21.19	21.07	21.80
HSUPA	1	19.60	19.56	19.54	20.80
	2	17.67	17.70	17.66	18.80
	3	17.52	17.55	17.56	18.80
	4	17.56	17.58	17.63	18.80
	5	19.52	19.42	19.46	20.80
HSPA+	\	17.09	17.02	17.03	17.80
DC-HSDPA	1	19.56	19.47	19.50	21.30
	2	19.55	19.46	19.48	21.30
	3	19.02	19.04	18.97	20.80
	4	19.02	19.12	19.04	20.80

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WCDMA1700(ANT5 DSI 9/10/14/15)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	18.71	18.73	18.68	19.30
HSUPA	1	17.2	17.17	17.15	18.30
	2	15.51	15.54	15.50	16.30
	3	15.38	15.41	15.41	16.30
	4	15.41	15.43	15.47	16.30
	5	17.13	17.04	17.08	18.30
HSPA+	\	14.88	14.82	14.83	15.30
DC-HSDPA	1	17.47	17.39	17.42	18.80
	2	17.46	17.38	17.40	18.80
	3	17	17.01	16.95	18.30
	4	17	17.08	17.01	18.30

WCDMA1700(ANT6 DSI 4)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	21.42	21.50	21.49	21.80
HSUPA	1	19.97	19.93	19.91	20.80
	2	18.01	18.04	18.00	18.80
	3	17.86	17.89	17.89	18.80
	4	17.89	17.91	17.96	18.80
	5	19.89	19.79	19.83	20.80
HSPA+	\	17.43	17.37	17.32	17.80
DC-HSDPA	1	19.93	19.83	19.87	21.30
	2	19.92	19.83	19.85	21.30
	3	19.38	19.40	19.33	20.80
	4	19.38	19.49	19.40	20.80

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WCDMA1700(ANT6 DSI 5)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	19.35	19.43	19.41	19.80
HSUPA	1	17.88	17.85	17.83	18.80
	2	16.13	16.15	16.12	16.80
	3	15.99	16.02	16.03	16.80
	4	16.03	16.04	16.08	16.80
	5	17.81	17.72	17.75	18.80
HSPA+	\	15.51	15.45	15.46	15.80
DC-HSDPA	1	17.85	17.76	17.80	19.30
	2	17.84	17.75	17.78	19.30
	3	17.36	17.37	17.31	18.80
	4	17.36	17.45	17.37	18.80

WCDMA1700(ANT6 DSI 9/14)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	18.72	18.79	18.86	19.30
HSUPA	1	17.33	17.30	17.28	18.30
	2	15.63	15.65	15.62	16.30
	3	15.50	15.52	15.53	16.30
	4	15.53	15.55	15.59	16.30
	5	17.26	17.17	17.21	18.30
HSPA+	\	15.00	14.94	14.95	15.30
DC-HSDPA	1	17.30	17.21	17.25	18.80
	2	17.29	17.21	17.23	18.80
	3	16.82	16.84	16.77	18.30
	4	16.82	16.91	16.84	18.30

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WCDMA1700(ANT6 DSI 10)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	17.83	17.81	17.89	18.30
HSUPA	1	16.44	16.41	16.39	17.30
	2	14.83	14.85	14.82	15.30
	3	14.70	14.72	14.73	15.30
	4	14.73	14.75	14.79	15.30
	5	16.37	16.29	16.32	17.30
HSPA+	\	14.23	14.17	14.18	14.30
DC-HSDPA	1	16.41	16.32	16.36	17.80
	2	16.40	16.32	16.34	17.80
	3	15.95	15.97	15.91	17.30
	4	15.95	16.04	15.97	17.30

WCDMA1700(ANT6 DSI 15)

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	16.88	16.86	16.89	17.30
HSUPA	1	15.52	15.49	15.48	16.30
	2	14.00	14.02	13.99	14.30
	3	13.88	13.90	13.91	14.30
	4	13.91	13.93	13.96	14.30
	5	15.46	15.38	15.41	16.30
HSPA+	\	13.03	12.98	12.99	13.30
DC-HSDPA	1	15.49	15.41	15.45	16.80
	2	15.48	15.41	15.43	16.80
	3	15.06	15.08	15.02	16.30
	4	15.06	15.14	15.08	16.30

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WCDMA850(ANT0 DSI 4/5)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	23.53	23.58	23.38	24.30
HSUPA	1	22.58	22.63	22.44	23.60
	2	20.50	20.54	20.37	21.60
	3	21.53	21.57	21.39	22.60
	4	20.56	20.60	20.43	21.60
	5	22.52	22.57	22.38	23.60
HSPA+	\	20.03	20.07	19.90	20.60
DC-HSDPA	1	22.55	22.60	22.41	23.60
	2	22.58	22.63	22.44	23.60
	3	22.03	22.08	21.89	23.10
	4	22.04	22.09	21.90	23.10

WCDMA850(ANT0 DSI 9/14)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	22.53	22.60	22.39	23.30
HSUPA	1	21.52	21.59	21.39	22.60
	2	19.59	19.65	19.47	20.60
	3	20.55	20.61	20.42	21.60
	4	19.53	19.59	19.41	20.60
	5	21.53	21.60	21.40	22.60
HSPA+	\	19.03	19.09	18.91	19.60
DC-HSDPA	1	21.53	21.60	21.40	22.60
	2	21.48	21.55	21.35	22.60
	3	21.03	21.10	20.90	22.10
	4	21.63	21.70	21.50	22.10

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WCDMA850(ANT0 DSI 10)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	21.97	22.02	21.84	22.80
HSUPA	1	20.96	21.01	20.84	22.10
	2	19.01	19.06	18.90	20.10
	3	20.00	20.04	19.88	21.10
	4	19.00	19.05	18.89	20.10
	5	20.99	21.04	20.87	22.10
HSPA+	\	18.58	18.62	18.47	19.10
DC-HSDPA	1	20.95	21.00	20.83	22.10
	2	20.97	21.02	20.85	22.10
	3	20.50	20.55	20.38	21.60
	4	20.47	20.52	20.35	21.60

WCDMA850(ANT0 DSI 15)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	20.96	21.07	20.86	21.80
HSUPA	1	20.03	20.13	19.93	21.10
	2	17.93	18.02	17.84	19.10
	3	18.97	19.07	18.88	20.10
	4	17.96	18.05	17.87	19.10
	5	20.05	20.15	19.95	21.10
HSPA+	\	17.51	17.61	17.43	18.10
DC-HSDPA	1	19.98	20.08	19.88	21.10
	2	19.96	20.06	19.86	21.10
	3	19.26	19.36	19.17	20.60
	4	19.44	19.54	19.35	20.60

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WCDMA850(ANT1 DSI 4/5/9/10/14/15)

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	24.57	24.55	24.31	25.00
HSUPA	1	23.53	23.51	23.28	24.30
	2	21.56	21.54	21.33	22.30
	3	22.63	22.61	22.39	23.30
	4	21.59	21.57	21.36	22.30
	5	23.62	23.60	23.37	24.30
HSPA+	\	20.61	20.59	20.39	21.30
DC-HSDPA	1	23.58	23.56	23.33	24.30
	2	23.58	23.56	23.33	24.30
	3	23.08	23.07	22.84	23.80
	4	23.11	23.10	22.87	23.80

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12.3 LTE Measurement result

Maximum Target Power for Production Unit

Band	Antenna	FCC Body	FCC Head	WWAN+WIFI2.4G Body/ WWAN+WIFI5G Body/ WWAN+WIFI6E Body/ WWAN+BT Body	WWAN+WIFI2.4G Head/ WWAN+WIFI5G Head/ WWAN+WIFI6E Head/ WWAN+BT Head	WWAN+WIFI2.4G+BT Body/ WWAN+WIFI5G+BT Body/ WWAN+WIFI6E+BT Body/ WWAN+WIFI2.4G+WIFI5G Body/ WWAN+WIFI2.4G+WIFI6E Body/ WWAN+WIFI2.4G+WIFI5G+BT Body/ WWAN+WIFI2.4G+WIFI6E+BT Body	WWAN+WIFI2.4G+BT Head/ WWAN+WIFI5G+BT Head/ WWAN+WIFI6E+BT Head/ WWAN+WIFI2.4G+WIFI5G Head/ WWAN+WIFI2.4G+WIFI6E Head/ WWAN+WIFI2.4G+WIFI5G+BT Head/ WWAN+WIFI2.4G+WIFI6E+BT Head
		DSI 4	DSI 5	DSI 9	DSI 10	DSI 14	DSI 15
LTE B7	0	23.3	20.8	23.3	20.8	23.3	20.8
	2	23.8	22.8	21.3	20.3	20.8	19.8
LTE B12	0	24.3	24.3	23.8	23.3	23.8	22.3
	1	25	25	25	25	25	25
LTE B13	0	24.3	22.8	22.3	21.8	22.3	20.8
	1	25	25	24.5	24.5	24.5	24.5
LTE B25	0	21.3	18.8	18.3	17.8	18.3	16.8
	5	21	21	19	19	19	19
	6	21.3	18.8	18.8	17.8	18.8	16.8
	7	22	22.5	19.5	21	19.5	20
LTE B26	0	24.3	23.3	22.3	21.3	22.3	20.3
	1	25	25	23	23	23	23
LTE 30	0	22.6	22.6	22.6	21.1	22.6	21.1
	2	24.3	24.3	21.8	21.8	21.8	21.8
	5	22	22	19	19	19	19
	6	20.9	20.9	17.9	19.4	17.9	18.4
LTE B38	0	22.3	21.8	20.3	20.3	20.3	19.3
	2	21.8	19.8	19.8	18.3	19.8	17.3
	5	21.5	21.5	19	19	19	19
	6	22.3	19.8	19.8	17.8	19.8	16.3
LTE B41-PC2	0	23.9	23.4	21.4	22.4	21.4	21.4
	2	21.9	21.4	19.9	19.9	19.9	18.9
	5	21.9	21.9	19.9	19.9	19.9	19.9
	6	24.4	22.4	22.4	22.4	22.4	21.9
LTE B41-PC3	0	22.5	22	20	21	20	20
	2	20.5	20	18.5	18.5	18.5	17.5
	5	20.3	20.3	18.3	18.3	18.3	18.3
	6	22.8	20.8	20.8	20.8	20.8	20.3
LTE B48	6	21	20	21	18.5	21	17.5
	8	24.3	18.8	21.8	17.3	21.3	16.3
	10	21	20.5	19	19.5	19	18.5
	12	25	18	23	18	23	17.5
LTE B66	0	18.8	20.8	16.8	19.8	16.8	18.8
	5	22	23	19.5	20.5	19.5	20.5
	6	22.8	19.8	19.8	18.3	19.8	17.3
	7	23.4	21.9	20.9	20.4	20.9	19.4
LTE B71	0	23.3	22.8	20.8	21.8	20.8	20.8
	1	25	25	25	25	25	25

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 Band7(ANT0 DSI 5/10/15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	20.26	20.32	20.27	17.85
		2535 (21100)	19.96	20.12	19.94	17.81
		2502.5 (20775)	19.64	19.78	19.67	17.98
	1RB-Middle (12)	2567.5 (21425)	20.14	20.22	20.36	17.94
		2535 (21100)	20.00	20.38	20.31	17.78
		2502.5 (20775)	19.68	20.02	19.82	18.08
	1RB-Low (0)	2567.5 (21425)	20.22	20.36	20.32	17.83
		2535 (21100)	19.91	20.06	19.93	17.93
		2502.5 (20775)	19.70	19.92	19.77	17.91
	12RB-High (13)	2567.5 (21425)	20.21	20.19	20.15	17.94
		2535 (21100)	20.04	19.99	20.02	17.98
		2502.5 (20775)	19.75	19.72	19.69	18.05
	12RB-Middle (6)	2567.5 (21425)	20.14	20.12	20.20	17.92
		2535 (21100)	19.88	20.01	19.91	18.06
		2502.5 (20775)	19.72	19.74	19.68	18.08
	12RB-Low (0)	2567.5 (21425)	20.14	20.16	20.08	17.97
		2535 (21100)	19.86	20.00	19.97	18.05
		2502.5 (20775)	19.70	19.76	19.73	18.05
	25RB (0)	2567.5 (21425)	20.10	20.10	20.13	17.90
		2535 (21100)	19.87	19.88	19.86	17.96
		2502.5 (20775)	19.69	19.67	19.70	18.01
10MHz	1RB-High (49)	2565 (21400)	20.37	20.21	20.22	17.93
		2535 (21100)	19.89	20.22	20.21	17.99
		2505 (20800)	19.80	20.02	19.82	18.18
	1RB-Middle (24)	2565 (21400)	20.17	20.44	20.27	17.89
		2535 (21100)	20.03	20.40	20.29	18.14
		2505 (20800)	19.81	20.13	20.05	17.93
	1RB-Low (0)	2565 (21400)	20.20	20.39	20.27	17.87
		2535 (21100)	19.93	20.25	19.86	18.05
		2505 (20800)	19.64	19.91	19.68	18.03
	25RB-High (25)	2565 (21400)	20.27	20.24	20.22	18.00
		2535 (21100)	20.03	20.04	19.99	18.01
		2505 (20800)	19.81	19.81	19.81	18.02
	25RB-Middle (12)	2565 (21400)	20.10	20.15	20.12	17.95
		2535 (21100)	19.94	19.92	19.95	18.01
		2505 (20800)	19.80	19.82	19.80	18.03
	25RB-Low (0)	2565 (21400)	20.23	20.10	20.12	17.91
		2535 (21100)	19.85	19.87	19.93	17.97
		2505 (20800)	19.74	19.76	19.71	18.09
	50RB (0)	2565 (21400)	20.08	20.13	20.15	17.86
		2535 (21100)	19.94	19.91	19.88	17.92
		2505 (20800)	19.70	19.80	19.78	18.03

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15MHz	1RB-High (74)	2562.5 (21375)	20.09	20.09	20.18	17.91
		2535 (21100)	19.78	19.94	19.87	18.02
		2507.5 (20825)	19.55	19.88	19.86	18.05
	1RB-Middle (37)	2562.5 (21375)	20.08	20.23	20.09	17.98
		2535 (21100)	19.82	20.10	20.31	18.01
		2507.5 (20825)	19.57	20.01	19.65	18.05
	1RB-Low (0)	2562.5 (21375)	19.90	20.22	19.99	18.00
		2535 (21100)	19.70	19.90	19.84	18.13
		2507.5 (20825)	19.40	19.65	19.67	17.98
	36RB-High (38)	2562.5 (21375)	20.06	20.15	20.01	17.77
		2535 (21100)	19.79	19.83	19.83	17.82
		2507.5 (20825)	19.62	19.55	19.57	17.94
	36RB-Middle (19)	2562.5 (21375)	20.11	20.02	20.12	17.81
		2535 (21100)	19.77	19.87	19.74	17.83
		2507.5 (20825)	19.65	19.62	19.64	18.01
	36RB-Low (0)	2562.5 (21375)	19.95	19.95	20.00	17.83
		2535 (21100)	19.71	19.78	19.75	17.89
		2507.5 (20825)	19.55	19.55	19.53	17.91
	75RB (0)	2562.5 (21375)	20.05	20.02	20.11	17.81
		2535 (21100)	19.78	19.76	19.86	17.89
		2507.5 (20825)	19.64	19.67	19.61	17.93
20MHz	1RB-High (99)	2560 (21350)	20.08	20.25	19.69	17.75
		2535 (21100)	19.98	20.17	19.76	17.80
		2510 (20850)	19.72	19.68	19.73	18.05
	1RB-Middle (50)	2560 (21350)	19.99	20.26	19.98	18.02
		2535 (21100)	19.70	19.95	19.86	17.89
		2510 (20850)	19.57	19.73	19.68	17.96
	1RB-Low (0)	2560 (21350)	19.96	20.16	20.05	17.96
		2535 (21100)	19.72	20.19	19.83	17.95
		2510 (20850)	19.66	19.68	19.71	18.04
	50RB-High (50)	2560 (21350)	20.07	20.04	19.99	17.77
		2535 (21100)	19.79	19.90	19.83	17.91
		2510 (20850)	19.59	19.66	19.67	17.95
	50RB-Middle (25)	2560 (21350)	20.09	20.05	20.08	17.79
		2535 (21100)	19.81	19.78	19.77	17.89
		2510 (20850)	19.67	19.60	19.67	17.97
	50RB-Low (0)	2560 (21350)	19.91	19.93	19.89	17.86
		2535 (21100)	19.69	19.71	19.71	17.86
		2510 (20850)	19.44	19.57	19.52	18.01
	100RB (0)	2560 (21350)	20.10	20.00	20.04	17.89
		2535 (21100)	19.77	19.80	19.75	17.87
		2510 (20850)	19.68	19.63	19.64	17.95

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LTE Band7(ANT0 DSI 4/9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	22.72	22.54	21.40	17.89
		2535 (21100)	22.42	22.26	21.31	17.85
		2502.5 (20775)	22.05	21.92	20.95	18.02
	1RB-Middle (12)	2567.5 (21425)	22.61	22.52	21.35	17.98
		2535 (21100)	22.39	22.36	21.26	17.82
		2502.5 (20775)	22.07	22.14	20.79	18.12
	1RB-Low (0)	2567.5 (21425)	22.56	22.51	21.34	17.87
		2535 (21100)	22.39	22.29	21.15	17.97
		2502.5 (20775)	22.09	22.14	20.77	17.95
	12RB-High (13)	2567.5 (21425)	22.20	21.22	20.26	17.98
		2535 (21100)	21.99	21.10	20.05	18.02
		2502.5 (20775)	21.67	20.74	19.75	18.09
	12RB-Middle (6)	2567.5 (21425)	22.17	21.28	20.17	17.96
		2535 (21100)	21.97	20.96	19.91	18.10
		2502.5 (20775)	21.76	20.81	19.78	18.12
	12RB-Low (0)	2567.5 (21425)	22.15	21.14	20.14	18.01
		2535 (21100)	21.95	20.92	19.95	18.09
		2502.5 (20775)	21.77	20.75	19.79	18.09
	25RB (0)	2567.5 (21425)	22.14	21.14	20.09	17.94
		2535 (21100)	21.88	20.90	19.91	18.00
		2502.5 (20775)	21.76	20.75	19.76	18.05
10MHz	1RB-High (49)	2565 (21400)	22.72	22.06	21.07	17.97
		2535 (21100)	22.41	22.00	21.09	18.03
		2505 (20800)	22.13	22.20	20.85	18.22
	1RB-Middle (24)	2565 (21400)	22.70	22.06	21.03	17.93
		2535 (21100)	22.42	22.17	21.21	18.18
		2505 (20800)	22.11	22.12	20.88	17.97
	1RB-Low (0)	2565 (21400)	22.62	22.16	21.20	17.91
		2535 (21100)	22.38	22.17	21.10	18.09
		2505 (20800)	22.03	22.02	20.93	18.07
	25RB-High (25)	2565 (21400)	22.26	21.23	20.23	18.04
		2535 (21100)	22.04	21.01	20.02	18.05
		2505 (20800)	21.77	20.87	19.79	18.06
	25RB-Middle (12)	2565 (21400)	22.13	21.26	20.17	17.99
		2535 (21100)	21.96	21.02	19.95	18.05
		2505 (20800)	21.78	20.87	19.85	18.07
	25RB-Low (0)	2565 (21400)	22.18	21.13	20.22	17.95
		2535 (21100)	21.98	20.89	19.99	18.01
		2505 (20800)	21.63	20.74	19.74	18.13
	50RB (0)	2565 (21400)	22.12	21.14	20.21	17.90
		2535 (21100)	21.91	20.99	19.99	17.96
		2505 (20800)	21.80	20.79	19.80	18.07

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15MHz	1RB-High (74)	2562.5 (21375)	22.47	22.10	21.15	17.95
		2535 (21100)	22.05	22.04	21.28	18.06
		2507.5 (20825)	21.94	22.00	20.83	18.09
	1RB-Middle (37)	2562.5 (21375)	22.40	22.29	21.16	18.02
		2535 (21100)	22.18	22.16	21.06	18.05
		2507.5 (20825)	22.04	21.96	20.67	18.09
	1RB-Low (0)	2562.5 (21375)	22.41	22.03	21.19	18.04
		2535 (21100)	22.06	21.99	21.01	18.17
		2507.5 (20825)	21.87	21.74	20.88	18.02
	36RB-High (38)	2562.5 (21375)	22.18	21.08	20.01	17.81
		2535 (21100)	21.85	20.89	19.92	17.86
		2507.5 (20825)	21.74	20.72	19.70	17.98
	36RB-Middle (19)	2562.5 (21375)	22.16	21.11	20.11	17.85
		2535 (21100)	21.78	20.84	19.72	17.87
		2507.5 (20825)	21.71	20.79	19.64	18.05
	36RB-Low (0)	2562.5 (21375)	22.00	21.12	19.98	17.87
		2535 (21100)	21.81	20.75	19.80	17.93
		2507.5 (20825)	21.56	20.58	19.59	17.95
	75RB (0)	2562.5 (21375)	22.09	21.10	20.11	17.85
		2535 (21100)	21.81	20.82	19.86	17.93
		2507.5 (20825)	21.67	20.66	19.64	17.97
20MHz	1RB-High (99)	2560 (21350)	22.32	22.20	21.22	17.79
		2535 (21100)	22.29	22.09	20.94	17.84
		2510 (20850)	21.87	22.17	20.97	18.09
	1RB-Middle (50)	2560 (21350)	22.45	22.08	21.29	18.06
		2535 (21100)	22.16	22.19	21.03	17.93
		2510 (20850)	22.05	21.99	21.02	18.00
	1RB-Low (0)	2560 (21350)	22.28	22.04	21.08	18.00
		2535 (21100)	22.06	21.98	20.76	17.99
		2510 (20850)	22.11	21.71	20.86	18.08
	50RB-High (50)	2560 (21350)	22.08	21.20	20.05	17.81
		2535 (21100)	21.96	20.98	19.90	17.95
		2510 (20850)	21.76	20.79	19.73	17.99
	50RB-Middle (25)	2560 (21350)	22.13	21.17	20.16	17.83
		2535 (21100)	21.77	20.84	19.94	17.93
		2510 (20850)	21.72	20.74	19.71	18.01
	50RB-Low (0)	2560 (21350)	21.92	20.95	19.97	17.90
		2535 (21100)	21.79	20.79	19.74	17.90
		2510 (20850)	21.70	20.71	19.59	18.05
	100RB (0)	2560 (21350)	22.08	21.08	20.13	17.93
		2535 (21100)	21.79	20.82	19.83	17.91
		2510 (20850)	21.65	20.69	19.78	17.99

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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)	21.94	22.08	21.03	18.40
		2535 (21100)	21.91	22.26	20.79	18.18
		2502.5 (20775)	21.52	21.88	20.39	18.15
	1RB-Middle (12)	2567.5 (21425)	21.82	22.19	21.03	18.45
		2535 (21100)	21.83	22.27	21.01	18.08
		2502.5 (20775)	21.62	21.99	20.72	18.09
	1RB-Low (0)	2567.5 (21425)	21.78	21.96	20.94	18.57
		2535 (21100)	21.84	22.00	20.93	18.49
		2502.5 (20775)	21.50	21.94	20.46	18.47
	12RB-High (13)	2567.5 (21425)	21.81	21.33	20.33	18.47
		2535 (21100)	21.85	21.38	20.40	18.18
		2502.5 (20775)	21.57	21.11	20.12	18.29
	12RB-Middle (6)	2567.5 (21425)	21.79	21.31	20.27	18.07
		2535 (21100)	21.86	21.33	20.34	18.50
		2502.5 (20775)	21.64	21.21	20.12	18.60
	12RB-Low (0)	2567.5 (21425)	21.79	21.31	20.28	18.36
		2535 (21100)	21.78	21.32	20.25	18.59
		2502.5 (20775)	21.52	21.10	20.09	18.49
	25RB (0)	2567.5 (21425)	21.73	21.23	20.16	18.52
		2535 (21100)	21.80	21.31	20.27	18.21
		2502.5 (20775)	21.52	20.99	20.09	18.17
10MHz	1RB-High (49)	2565 (21400)	21.76	22.09	21.01	18.31
		2535 (21100)	21.89	22.21	21.10	18.35
		2505 (20800)	21.51	21.88	20.72	18.43
	1RB-Middle (24)	2565 (21400)	21.89	22.49	20.85	18.18
		2535 (21100)	21.89	22.19	21.05	18.23
		2505 (20800)	21.63	21.71	20.76	18.31
	1RB-Low (0)	2565 (21400)	21.90	22.31	21.00	18.19
		2535 (21100)	21.78	22.07	20.98	18.55
		2505 (20800)	21.58	21.64	20.83	18.57
	25RB-High (25)	2565 (21400)	21.83	21.36	20.33	18.21
		2535 (21100)	21.87	21.51	20.39	18.42
		2505 (20800)	21.59	21.11	20.11	18.11
	25RB-Middle (12)	2565 (21400)	21.90	21.35	20.33	18.42
		2535 (21100)	21.80	21.34	20.31	18.13
		2505 (20800)	21.58	21.13	20.11	18.27
	25RB-Low (0)	2565 (21400)	21.83	21.31	20.35	18.09
		2535 (21100)	21.82	21.30	20.35	18.02
		2505 (20800)	21.42	20.97	20.04	18.11
	50RB (0)	2565 (21400)	21.81	21.26	20.24	18.55
		2535 (21100)	21.74	21.36	20.27	18.09
		2505 (20800)	21.61	21.14	20.15	18.30

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15MHz	1RB-High (74)	2562.5 (21375)	21.56	21.65	20.83	18.25
		2535 (21100)	21.63	21.84	20.80	18.55
		2507.5 (20825)	21.53	21.71	20.56	18.33
	1RB-Middle (37)	2562.5 (21375)	21.81	21.88	20.93	18.00
		2535 (21100)	21.69	21.87	20.68	18.13
		2507.5 (20825)	21.37	21.59	20.72	18.52
	1RB-Low (0)	2562.5 (21375)	21.72	21.91	20.82	18.59
		2535 (21100)	21.60	21.94	20.80	18.41
		2507.5 (20825)	21.38	21.51	20.37	18.30
	36RB-High (38)	2562.5 (21375)	21.71	21.21	20.07	18.45
		2535 (21100)	21.80	21.28	20.26	18.48
		2507.5 (20825)	21.42	20.96	20.05	18.13
	36RB-Middle (19)	2562.5 (21375)	21.80	21.22	20.20	18.12
		2535 (21100)	21.74	21.25	20.21	18.48
		2507.5 (20825)	21.52	21.06	20.00	18.07
	36RB-Low (0)	2562.5 (21375)	21.64	21.11	20.18	18.22
		2535 (21100)	21.69	21.19	20.18	18.02
		2507.5 (20825)	21.42	20.84	19.92	18.16
	75RB (0)	2562.5 (21375)	21.74	21.33	20.30	18.20
		2535 (21100)	21.76	21.29	20.26	18.45
		2507.5 (20825)	21.51	21.02	19.91	18.55
20MHz	1RB-High (99)	2560 (21350)	21.63	21.87	20.79	18.55
		2535 (21100)	21.70	21.93	20.84	18.57
		2510 (20850)	21.52	21.85	20.44	18.02
	1RB-Middle (50)	2560 (21350)	21.79	22.15	20.70	18.43
		2535 (21100)	21.69	21.97	20.33	18.33
		2510 (20850)	21.40	21.74	20.55	18.31
	1RB-Low (0)	2560 (21350)	21.74	21.98	20.93	18.09
		2535 (21100)	21.61	22.09	20.56	18.32
		2510 (20850)	21.46	21.51	20.75	18.26
	50RB-High (50)	2560 (21350)	21.75	21.19	20.20	18.14
		2535 (21100)	21.77	21.23	20.29	18.09
		2510 (20850)	21.48	21.07	20.05	18.41
	50RB-Middle (25)	2560 (21350)	21.74	21.37	20.21	18.34
		2535 (21100)	21.65	21.24	20.25	18.17
		2510 (20850)	21.56	21.00	20.04	18.60
	50RB-Low (0)	2560 (21350)	21.84	21.26	20.25	18.27
		2535 (21100)	21.78	21.19	20.16	18.23
		2510 (20850)	21.34	20.89	19.91	18.60
	100RB (0)	2560 (21350)	21.79	21.27	19.94	18.13
		2535 (21100)	21.64	21.21	20.16	18.10
		2510 (20850)	21.64	21.02	19.98	18.46

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LTE Band7(ANT2 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	19.69	19.95	19.83	18.36
		2535 (21100)	19.75	20.14	20.06	18.05
		2502.5 (20775)	19.51	19.90	19.68	18.52
	1RB-Middle (12)	2567.5 (21425)	19.79	20.20	20.07	18.33
		2535 (21100)	19.75	20.21	19.99	18.32
		2502.5 (20775)	19.48	19.61	19.62	18.23
	1RB-Low (0)	2567.5 (21425)	19.83	20.13	19.74	18.09
		2535 (21100)	19.74	20.09	19.96	18.41
		2502.5 (20775)	19.43	19.92	19.38	18.29
	12RB-High (13)	2567.5 (21425)	19.71	19.85	19.73	18.26
		2535 (21100)	19.82	19.99	19.89	18.00
		2502.5 (20775)	19.54	19.52	19.47	18.19
	12RB-Middle (6)	2567.5 (21425)	19.69	19.72	19.82	18.51
		2535 (21100)	19.79	19.81	19.86	18.59
		2502.5 (20775)	19.49	19.55	19.53	18.41
	12RB-Low (0)	2567.5 (21425)	19.77	19.70	19.72	18.43
		2535 (21100)	19.76	19.86	19.78	18.08
		2502.5 (20775)	19.57	19.55	19.59	18.57
	25RB (0)	2567.5 (21425)	19.63	19.79	19.67	18.11
		2535 (21100)	19.78	19.79	19.71	18.41
		2502.5 (20775)	19.48	19.50	19.52	18.18
10MHz	1RB-High (49)	2565 (21400)	19.70	20.04	19.62	18.14
		2535 (21100)	19.72	20.16	20.03	18.31
		2505 (20800)	19.43	19.69	19.74	18.25
	1RB-Middle (24)	2565 (21400)	19.79	20.09	19.95	18.23
		2535 (21100)	19.87	20.12	19.88	18.17
		2505 (20800)	19.55	19.73	19.61	18.46
	1RB-Low (0)	2565 (21400)	19.85	20.29	19.98	18.51
		2535 (21100)	19.75	20.13	20.04	18.17
		2505 (20800)	19.49	19.68	19.58	18.51
	25RB-High (25)	2565 (21400)	19.75	19.83	19.80	18.14
		2535 (21100)	19.87	19.87	19.93	18.06
		2505 (20800)	19.56	19.50	19.57	18.30
	25RB-Middle (12)	2565 (21400)	19.71	19.68	19.67	18.41
		2535 (21100)	19.78	19.79	19.84	18.25
		2505 (20800)	19.57	19.61	19.52	18.55
	25RB-Low (0)	2565 (21400)	19.85	19.84	19.69	18.04
		2535 (21100)	19.71	19.80	19.77	18.31
		2505 (20800)	19.43	19.57	19.38	18.25
	50RB (0)	2565 (21400)	19.69	19.70	19.72	18.34
		2535 (21100)	19.82	19.83	19.79	18.18
		2505 (20800)	19.49	19.49	19.55	18.01

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15MHz	1RB-High (74)	2562.5 (21375)	19.55	19.80	19.71	18.46
		2535 (21100)	19.59	19.95	19.68	18.07
		2507.5 (20825)	19.30	19.56	19.51	18.46
	1RB-Middle (37)	2562.5 (21375)	19.59	19.89	19.74	18.17
		2535 (21100)	19.51	19.97	19.59	18.52
		2507.5 (20825)	19.40	19.67	19.32	18.38
	1RB-Low (0)	2562.5 (21375)	19.56	19.81	19.73	18.39
		2535 (21100)	19.44	19.76	19.76	18.53
		2507.5 (20825)	19.34	19.40	19.37	18.01
	36RB-High (38)	2562.5 (21375)	19.59	19.65	19.61	18.21
		2535 (21100)	19.67	19.72	19.64	18.26
		2507.5 (20825)	19.43	19.45	19.44	18.05
	36RB-Middle (19)	2562.5 (21375)	19.68	19.63	19.71	18.22
		2535 (21100)	19.58	19.58	19.67	18.24
		2507.5 (20825)	19.38	19.37	19.39	18.21
	36RB-Low (0)	2562.5 (21375)	19.72	19.59	19.55	18.58
		2535 (21100)	19.62	19.59	19.61	18.17
		2507.5 (20825)	19.27	19.27	19.27	18.45
	75RB (0)	2562.5 (21375)	19.63	19.72	19.69	18.30
		2535 (21100)	19.58	19.67	19.59	18.29
		2507.5 (20825)	19.47	19.43	19.49	18.60
20MHz	1RB-High (99)	2560 (21350)	19.39	19.82	19.47	18.16
		2535 (21100)	19.62	19.92	19.61	18.42
		2510 (20850)	19.37	19.76	19.66	18.30
	1RB-Middle (50)	2560 (21350)	19.66	20.00	19.85	18.40
		2535 (21100)	19.59	19.85	19.77	18.25
		2510 (20850)	19.37	19.60	19.69	18.20
	1RB-Low (0)	2560 (21350)	19.71	19.86	20.05	18.36
		2535 (21100)	19.56	19.79	19.67	18.17
		2510 (20850)	19.28	19.42	19.50	18.18
	50RB-High (50)	2560 (21350)	19.63	19.59	19.69	18.05
		2535 (21100)	19.70	19.75	19.69	18.20
		2510 (20850)	19.45	19.55	19.47	18.45
	50RB-Middle (25)	2560 (21350)	19.74	19.70	19.71	18.54
		2535 (21100)	19.60	19.62	19.65	18.31
		2510 (20850)	19.41	19.45	19.44	18.55
	50RB-Low (0)	2560 (21350)	19.62	19.67	19.67	18.14
		2535 (21100)	19.64	19.65	19.66	18.35
		2510 (20850)	19.28	19.42	19.41	18.57
	100RB (0)	2560 (21350)	19.68	19.71	19.62	18.04
		2535 (21100)	19.60	19.62	19.55	18.02
		2510 (20850)	19.48	19.38	19.48	18.22

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LTE Band7(ANT2 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	23.07	22.81	21.48	18.15
		2535 (21100)	22.73	22.65	21.44	18.05
		2502.5 (20775)	22.50	22.54	21.10	18.34
	1RB-Middle (12)	2567.5 (21425)	22.94	22.75	21.76	18.08
		2535 (21100)	22.69	22.66	21.43	18.42
		2502.5 (20775)	22.51	22.37	21.20	18.41
	1RB-Low (0)	2567.5 (21425)	22.91	22.83	21.57	18.35
		2535 (21100)	22.68	22.68	21.57	18.44
		2502.5 (20775)	22.49	22.46	21.24	18.25
	12RB-High (13)	2567.5 (21425)	22.51	21.48	20.49	18.38
		2535 (21100)	22.33	21.41	20.32	18.25
		2502.5 (20775)	22.11	21.18	20.11	18.05
	12RB-Middle (6)	2567.5 (21425)	22.49	21.54	20.40	18.60
		2535 (21100)	22.27	21.37	20.21	18.05
		2502.5 (20775)	22.18	21.16	20.16	18.38
	12RB-Low (0)	2567.5 (21425)	22.46	21.46	20.44	18.50
		2535 (21100)	22.26	21.31	20.28	18.32
		2502.5 (20775)	22.17	21.10	20.20	18.06
	25RB (0)	2567.5 (21425)	22.41	21.44	20.37	18.42
		2535 (21100)	22.27	21.29	20.21	18.09
		2502.5 (20775)	22.16	21.18	20.16	18.11
10MHz	1RB-High (49)	2565 (21400)	22.98	22.77	21.72	18.14
		2535 (21100)	22.64	22.83	21.47	18.25
		2505 (20800)	22.51	22.59	21.31	18.46
	1RB-Middle (24)	2565 (21400)	23.04	22.90	21.59	18.50
		2535 (21100)	22.73	22.77	21.45	18.60
		2505 (20800)	22.48	22.50	21.16	18.22
	1RB-Low (0)	2565 (21400)	22.93	22.61	21.53	18.37
		2535 (21100)	22.66	22.60	21.35	18.18
		2505 (20800)	22.58	22.59	21.25	18.13
	25RB-High (25)	2565 (21400)	22.55	21.55	20.55	18.39
		2535 (21100)	22.33	21.37	20.37	18.44
		2505 (20800)	22.16	21.20	20.20	18.31
	25RB-Middle (12)	2565 (21400)	22.54	21.57	20.45	18.03
		2535 (21100)	22.24	21.33	20.29	18.02
		2505 (20800)	22.18	21.24	20.21	18.02
	25RB-Low (0)	2565 (21400)	22.46	21.42	20.54	18.38
		2535 (21100)	22.26	21.36	20.30	18.58
		2505 (20800)	22.11	21.18	20.08	18.53
	50RB (0)	2565 (21400)	22.49	21.49	20.48	18.33
		2535 (21100)	22.19	21.25	20.24	18.25
		2505 (20800)	22.20	21.15	20.14	18.08

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15MHz	1RB-High (74)	2562.5 (21375)	22.69	22.63	21.57	18.58
		2535 (21100)	22.51	22.58	21.90	18.40
		2507.5 (20825)	22.34	22.31	20.96	18.31
	1RB-Middle (37)	2562.5 (21375)	22.87	22.90	21.44	18.26
		2535 (21100)	22.56	22.43	21.25	18.36
		2507.5 (20825)	22.39	22.22	21.03	18.49
	1RB-Low (0)	2562.5 (21375)	22.81	22.72	21.50	18.28
		2535 (21100)	22.46	22.63	21.09	18.03
		2507.5 (20825)	22.34	22.28	21.12	18.31
	36RB-High (38)	2562.5 (21375)	22.41	21.43	20.34	18.36
		2535 (21100)	22.22	21.23	20.29	18.22
		2507.5 (20825)	21.96	20.96	20.09	18.24
	36RB-Middle (19)	2562.5 (21375)	22.49	21.49	20.47	18.52
		2535 (21100)	22.13	21.16	20.24	18.08
		2507.5 (20825)	22.06	21.08	20.15	18.39
	36RB-Low (0)	2562.5 (21375)	22.35	21.36	20.26	18.19
		2535 (21100)	22.12	21.12	20.17	18.52
		2507.5 (20825)	21.95	20.89	20.05	18.23
	75RB (0)	2562.5 (21375)	22.41	21.37	20.36	18.38
		2535 (21100)	22.15	21.09	20.15	18.23
		2507.5 (20825)	22.05	21.10	20.05	18.29
20MHz	1RB-High (99)	2560 (21350)	22.97	22.78	21.75	18.29
		2535 (21100)	22.94	22.97	22.09	18.29
		2510 (20850)	22.78	22.81	21.89	18.02
	1RB-Middle (50)	2560 (21350)	23.10	22.94	21.73	18.35
		2535 (21100)	23.08	22.87	21.82	18.55
		2510 (20850)	22.76	22.69	21.61	18.19
	1RB-Low (0)	2560 (21350)	23.15	22.97	21.88	18.46
		2535 (21100)	22.92	22.74	22.13	18.20
		2510 (20850)	22.60	22.62	21.41	18.45
	50RB-High (50)	2560 (21350)	22.63	21.66	20.72	18.55
		2535 (21100)	22.69	21.76	20.74	18.14
		2510 (20850)	22.55	21.47	20.54	18.06
	50RB-Middle (25)	2560 (21350)	22.75	21.74	20.79	18.28
		2535 (21100)	22.67	21.62	20.73	18.44
		2510 (20850)	22.45	21.51	20.54	18.01
	50RB-Low (0)	2560 (21350)	22.62	21.72	20.75	18.45
		2535 (21100)	22.61	21.70	20.68	18.31
		2510 (20850)	22.33	21.37	20.31	18.56
	100RB (0)	2560 (21350)	22.77	21.78	20.74	18.11
		2535 (21100)	22.67	21.65	20.62	18.51
		2510 (20850)	22.50	21.45	20.52	18.58

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LTE Band7(ANT2 DSI 9)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2567.5 (21425)	20.47	20.47	20.45	18.37
		2535 (21100)	20.12	20.50	20.39	18.36
		2502.5 (20775)	19.96	20.35	20.17	18.28
	1RB-Middle (12)	2567.5 (21425)	20.49	20.64	20.56	18.54
		2535 (21100)	20.28	20.67	20.35	18.54
		2502.5 (20775)	19.98	20.51	19.97	18.20
	1RB-Low (0)	2567.5 (21425)	20.30	20.89	20.52	18.53
		2535 (21100)	20.27	20.30	20.19	18.20
		2502.5 (20775)	20.00	20.39	19.94	18.04
	12RB-High (13)	2567.5 (21425)	20.36	20.46	20.41	18.03
		2535 (21100)	20.17	20.23	20.23	18.34
		2502.5 (20775)	19.99	20.09	20.08	18.58
	12RB-Middle (6)	2567.5 (21425)	20.31	20.38	20.36	18.52
		2535 (21100)	20.20	20.18	20.23	18.16
		2502.5 (20775)	20.06	20.11	20.12	18.02
	12RB-Low (0)	2567.5 (21425)	20.40	20.26	20.35	18.52
		2535 (21100)	20.18	20.28	20.13	18.54
		2502.5 (20775)	20.06	20.03	20.08	18.26
	25RB (0)	2567.5 (21425)	20.25	20.34	20.28	18.59
		2535 (21100)	20.09	20.17	20.16	18.29
		2502.5 (20775)	20.05	19.92	20.07	18.06
10MHz	1RB-High (49)	2565 (21400)	20.41	20.97	20.49	18.50
		2535 (21100)	20.16	20.52	20.47	18.21
		2505 (20800)	19.97	20.37	20.06	18.32
	1RB-Middle (24)	2565 (21400)	20.50	20.78	20.60	18.03
		2535 (21100)	20.26	20.54	20.43	18.35
		2505 (20800)	19.94	20.41	20.26	18.20
	1RB-Low (0)	2565 (21400)	20.43	20.73	20.54	18.30
		2535 (21100)	20.15	20.60	20.34	18.35
		2505 (20800)	20.16	20.28	20.02	18.24
	25RB-High (25)	2565 (21400)	20.47	20.45	20.43	18.59
		2535 (21100)	20.25	20.27	20.28	18.02
		2505 (20800)	20.05	20.06	20.03	18.20
	25RB-Middle (12)	2565 (21400)	20.35	20.36	20.44	18.34
		2535 (21100)	20.15	20.19	20.18	18.33
		2505 (20800)	20.03	20.14	20.13	18.32
	25RB-Low (0)	2565 (21400)	20.37	20.36	20.38	18.20
		2535 (21100)	20.15	20.15	20.17	18.37
		2505 (20800)	20.07	20.04	20.04	18.59
	50RB (0)	2565 (21400)	20.37	20.36	20.35	18.31
		2535 (21100)	20.08	20.23	20.21	18.07
		2505 (20800)	20.05	20.04	20.01	18.40

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15MHz	1RB-High (74)	2562.5 (21375)	20.18	20.39	20.14	18.24
		2535 (21100)	19.89	20.26	20.28	18.33
		2507.5 (20825)	19.87	20.39	20.12	18.43
	1RB-Middle (37)	2562.5 (21375)	20.25	20.37	20.66	18.04
		2535 (21100)	20.07	20.14	20.13	18.08
		2507.5 (20825)	19.79	20.33	19.86	18.09
	1RB-Low (0)	2562.5 (21375)	20.22	20.35	20.54	18.39
		2535 (21100)	19.98	20.16	20.18	18.51
		2507.5 (20825)	19.81	20.10	20.08	18.55
	36RB-High (38)	2562.5 (21375)	20.33	20.34	20.26	18.58
		2535 (21100)	20.04	20.12	20.08	18.26
		2507.5 (20825)	19.93	19.92	19.93	18.41
	36RB-Middle (19)	2562.5 (21375)	20.33	20.34	20.29	18.00
		2535 (21100)	19.95	20.01	19.98	18.52
		2507.5 (20825)	19.87	19.94	19.92	18.57
	36RB-Low (0)	2562.5 (21375)	20.18	20.29	20.22	18.12
		2535 (21100)	20.01	20.03	20.01	18.05
		2507.5 (20825)	19.82	19.83	19.91	18.35
	75RB (0)	2562.5 (21375)	20.31	20.28	20.27	18.02
		2535 (21100)	20.02	20.08	20.05	18.54
		2507.5 (20825)	19.89	19.91	19.97	18.05
20MHz	1RB-High (99)	2560 (21350)	20.51	20.71	20.68	18.57
		2535 (21100)	20.58	20.86	20.86	18.06
		2510 (20850)	20.44	20.68	20.58	18.38
	1RB-Middle (50)	2560 (21350)	20.70	20.91	20.67	18.36
		2535 (21100)	20.66	20.74	20.87	18.34
		2510 (20850)	20.32	20.43	20.51	18.58
	1RB-Low (0)	2560 (21350)	20.64	20.87	21.07	18.48
		2535 (21100)	20.58	20.63	20.75	18.45
		2510 (20850)	20.20	20.49	20.35	18.25
	50RB-High (50)	2560 (21350)	20.61	20.58	20.61	18.32
		2535 (21100)	20.61	20.70	20.62	18.48
		2510 (20850)	20.44	20.42	20.42	18.05
	50RB-Middle (25)	2560 (21350)	20.71	20.71	20.71	18.49
		2535 (21100)	20.64	20.61	20.61	18.27
		2510 (20850)	20.43	20.45	20.43	18.16
	50RB-Low (0)	2560 (21350)	20.67	20.70	20.63	18.31
		2535 (21100)	20.57	20.57	20.58	18.06
		2510 (20850)	20.32	20.30	20.30	18.26
	100RB (0)	2560 (21350)	20.72	20.62	20.67	18.08
		2535 (21100)	20.61	20.62	20.65	18.33
		2510 (20850)	20.40	20.47	20.39	18.42

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LTE Band12(ANT0 DSI 4/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	23.44	22.64	21.53	18.72
		707.5 (23095)	23.33	22.69	21.48	18.74
		699.7 (23017)	23.24	22.71	21.39	18.68
	1RB-Middle (3)	715.3 (23173)	23.48	22.81	21.69	18.61
		707.5 (23095)	23.27	22.76	21.37	18.80
		699.7 (23017)	23.38	22.72	21.74	18.64
	1RB-Low (0)	715.3 (23173)	23.25	22.93	21.42	18.48
		707.5 (23095)	23.28	22.61	21.49	18.86
		699.7 (23017)	23.37	22.76	21.37	18.71
	3RB-High (3)	715.3 (23173)	23.33	22.51	21.44	18.61
		707.5 (23095)	23.26	22.38	21.32	18.61
		699.7 (23017)	23.32	22.69	21.47	18.60
	3RB-Middle (1)	715.3 (23173)	23.40	22.40	21.59	18.66
		707.5 (23095)	23.27	22.46	21.41	18.51
		699.7 (23017)	23.44	22.43	21.37	18.62
	3RB-Low (0)	715.3 (23173)	23.24	22.55	21.52	18.58
		707.5 (23095)	23.29	22.48	21.37	18.69
		699.7 (23017)	23.34	22.46	21.48	18.59
	6RB (0)	715.3 (23173)	22.30	21.37	20.34	18.46
		707.5 (23095)	22.41	21.46	20.34	18.38
		699.7 (23017)	22.31	21.45	20.44	18.48
3MHz	1RB-High (14)	714.5 (23165)	23.22	22.61	21.38	18.73
		707.5 (23095)	23.25	22.62	21.24	18.60
		700.5 (23025)	23.24	22.65	21.39	18.84
	1RB-Middle (7)	714.5 (23165)	23.34	22.67	21.38	18.71
		707.5 (23095)	23.28	22.76	21.52	18.90
		700.5 (23025)	23.37	22.81	21.45	18.66
	1RB-Low (0)	714.5 (23165)	23.24	22.55	21.87	18.60
		707.5 (23095)	23.22	22.57	21.68	18.68
		700.5 (23025)	23.27	22.91	21.48	18.61
	8RB-High (7)	714.5 (23165)	22.38	21.50	20.40	18.49
		707.5 (23095)	22.34	21.45	20.41	18.53
		700.5 (23025)	22.53	21.51	20.33	18.45
	8RB-Middle (4)	714.5 (23165)	22.38	21.44	20.42	18.48
		707.5 (23095)	22.44	21.35	20.43	18.44
		700.5 (23025)	22.48	21.59	20.43	18.46
	8RB-Low (0)	714.5 (23165)	22.34	21.32	20.29	18.36
		707.5 (23095)	22.31	21.41	20.34	18.41
		700.5 (23025)	22.39	21.46	20.42	18.55
	15RB (0)	714.5 (23165)	22.23	21.29	20.32	18.49
		707.5 (23095)	22.29	21.48	20.42	18.43
		700.5 (23025)	22.41	21.42	20.42	18.56

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5MHz	1RB-High (24)	713.5 (23155)	23.26	22.58	21.45	18.82
		707.5 (23095)	23.22	22.48	21.34	18.61
		701.5 (23035)	23.34	22.51	21.54	18.83
	1RB-Middle (12)	713.5 (23155)	23.32	22.84	21.64	18.88
		707.5 (23095)	23.52	22.93	21.22	18.81
		701.5 (23035)	23.39	22.92	21.46	18.72
	1RB-Low (0)	713.5 (23155)	23.36	22.68	21.59	18.73
		707.5 (23095)	23.20	22.61	21.41	18.83
		701.5 (23035)	23.24	22.60	21.48	18.68
	12RB-High (13)	713.5 (23155)	22.32	21.40	20.31	18.50
		707.5 (23095)	22.34	21.38	20.35	18.42
		701.5 (23035)	22.34	21.46	20.38	18.45
	12RB-Middle (6)	713.5 (23155)	22.28	21.43	20.29	18.41
		707.5 (23095)	22.39	21.49	20.42	18.48
		701.5 (23035)	22.41	21.45	20.52	18.56
	12RB-Low (0)	713.5 (23155)	22.29	21.43	20.28	18.54
		707.5 (23095)	22.31	21.34	20.34	18.36
		701.5 (23035)	22.34	21.39	20.42	18.42
	25RB (0)	713.5 (23155)	22.25	21.34	20.33	18.41
		707.5 (23095)	22.37	21.46	20.41	18.42
		701.5 (23035)	22.37	21.40	20.47	18.39
10MHz	1RB-High (49)	711 (23130)	23.11	22.78	21.43	18.89
		707.5 (23095)	23.19	22.59	21.33	18.63
		704 (23060)	23.09	22.62	21.43	18.77
	1RB-Middle (24)	711 (23130)	23.32	22.73	21.51	18.76
		707.5 (23095)	23.42	22.70	21.45	18.71
		704 (23060)	23.31	22.58	21.44	18.60
	1RB-Low (0)	711 (23130)	23.25	22.81	21.47	18.66
		707.5 (23095)	23.32	22.71	21.43	18.80
		704 (23060)	23.23	22.82	21.74	18.82
	25RB-High (25)	711 (23130)	22.25	21.32	20.39	18.47
		707.5 (23095)	22.31	21.33	20.41	18.51
		704 (23060)	22.34	21.31	20.39	18.45
	25RB-Middle (12)	711 (23130)	22.20	21.35	20.32	18.54
		707.5 (23095)	22.26	21.20	20.33	18.44
		704 (23060)	22.36	21.40	20.39	18.53
	25RB-Low (0)	711 (23130)	22.33	21.36	20.35	18.39
		707.5 (23095)	22.35	21.39	20.32	18.41
		704 (23060)	22.26	21.38	20.36	18.41
	50RB (0)	711 (23130)	22.32	21.36	20.38	18.43
		707.5 (23095)	22.34	21.39	20.35	18.42
		704 (23060)	22.39	21.39	20.40	18.45

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LTE Band12(ANT0 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	22.29	22.67	21.29	18.46
		707.5 (23095)	22.18	22.79	21.58	18.70
		699.7 (23017)	22.32	22.77	21.52	18.42
	1RB-Middle (3)	715.3 (23173)	22.36	22.78	21.38	18.34
		707.5 (23095)	22.35	22.88	21.45	18.72
		699.7 (23017)	22.24	22.67	21.61	18.63
	1RB-Low (0)	715.3 (23173)	22.30	22.76	21.69	18.37
		707.5 (23095)	22.25	22.71	21.51	18.65
		699.7 (23017)	22.26	22.66	21.58	18.59
	3RB-High (3)	715.3 (23173)	22.24	22.48	21.39	18.42
		707.5 (23095)	22.36	22.57	21.28	18.44
		699.7 (23017)	22.42	22.67	21.52	18.36
	3RB-Middle (1)	715.3 (23173)	22.31	22.48	21.45	18.45
		707.5 (23095)	22.36	22.48	21.45	18.50
		699.7 (23017)	22.30	22.61	21.47	18.43
	3RB-Low (0)	715.3 (23173)	22.29	22.37	21.46	18.52
		707.5 (23095)	22.39	22.51	21.40	18.50
		699.7 (23017)	22.38	22.52	21.40	18.42
	6RB (0)	715.3 (23173)	22.40	21.45	20.34	18.41
		707.5 (23095)	22.35	21.39	20.41	18.27
		699.7 (23017)	22.36	21.39	20.46	18.32
3MHz	1RB-High (14)	714.5 (23165)	22.28	22.77	21.41	18.52
		707.5 (23095)	22.22	22.59	21.48	18.50
		700.5 (23025)	22.32	22.49	21.39	18.59
	1RB-Middle (7)	714.5 (23165)	22.45	22.71	21.46	18.52
		707.5 (23095)	22.36	22.63	21.54	18.72
		700.5 (23025)	22.26	22.57	21.58	18.41
	1RB-Low (0)	714.5 (23165)	22.19	22.55	21.55	18.45
		707.5 (23095)	22.22	22.37	21.36	18.50
		700.5 (23025)	22.30	22.83	21.49	18.63
	8RB-High (7)	714.5 (23165)	22.28	21.44	20.41	18.37
		707.5 (23095)	22.33	21.39	20.36	18.49
		700.5 (23025)	22.46	21.49	20.35	18.40
	8RB-Middle (4)	714.5 (23165)	22.40	21.43	20.42	18.37
		707.5 (23095)	22.38	21.53	20.43	18.43
		700.5 (23025)	22.42	21.53	20.49	18.44
	8RB-Low (0)	714.5 (23165)	22.34	21.31	20.32	18.30
		707.5 (23095)	22.27	21.46	20.36	18.42
		700.5 (23025)	22.39	21.42	20.45	18.39
	15RB (0)	714.5 (23165)	22.33	21.23	20.25	18.33
		707.5 (23095)	22.35	21.36	20.36	18.31
		700.5 (23025)	22.36	21.36	20.43	18.39

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5MHz	1RB-High (24)	713.5 (23155)	22.31	22.62	21.51	18.41
		707.5 (23095)	22.26	22.69	21.46	18.52
		701.5 (23035)	22.25	22.74	21.50	18.52
	1RB-Middle (12)	713.5 (23155)	22.47	22.64	21.53	18.48
		707.5 (23095)	22.25	22.89	21.48	18.64
		701.5 (23035)	22.45	22.76	21.71	18.48
	1RB-Low (0)	713.5 (23155)	22.31	22.67	21.50	18.39
		707.5 (23095)	22.22	22.70	21.35	18.42
		701.5 (23035)	22.25	22.78	21.58	18.62
	12RB-High (13)	713.5 (23155)	22.33	21.37	20.36	18.37
		707.5 (23095)	22.37	21.41	20.33	18.42
		701.5 (23035)	22.36	21.49	20.46	18.35
	12RB-Middle (6)	713.5 (23155)	22.30	21.43	20.41	18.40
		707.5 (23095)	22.40	21.34	20.30	18.38
		701.5 (23035)	22.36	21.58	20.47	18.41
	12RB-Low (0)	713.5 (23155)	22.30	21.40	20.30	18.38
		707.5 (23095)	22.33	21.30	20.35	18.39
		701.5 (23035)	22.29	21.33	20.36	18.28
	25RB (0)	713.5 (23155)	22.21	21.22	20.31	18.36
		707.5 (23095)	22.33	21.37	20.38	18.34
		701.5 (23035)	22.36	21.37	20.43	18.42
10MHz	1RB-High (49)	711 (23130)	22.19	22.66	21.67	18.40
		707.5 (23095)	22.11	22.53	21.21	18.43
		704 (23060)	22.29	22.66	21.48	18.48
	1RB-Middle (24)	711 (23130)	22.29	22.61	21.45	18.61
		707.5 (23095)	22.23	22.51	21.47	18.45
		704 (23060)	22.20	22.57	21.45	18.34
	1RB-Low (0)	711 (23130)	22.21	22.61	21.44	18.47
		707.5 (23095)	22.49	22.58	21.49	18.45
		704 (23060)	22.18	22.70	21.77	18.47
	25RB-High (25)	711 (23130)	22.35	21.26	20.31	18.43
		707.5 (23095)	22.34	21.27	20.28	18.38
		704 (23060)	22.13	21.39	20.37	18.28
	25RB-Middle (12)	711 (23130)	22.30	21.29	20.37	18.30
		707.5 (23095)	22.34	21.33	20.33	18.35
		704 (23060)	22.35	21.35	20.34	18.38
	25RB-Low (0)	711 (23130)	22.30	21.35	20.28	18.35
		707.5 (23095)	22.42	21.42	20.49	18.37
		704 (23060)	22.32	21.37	20.31	18.37
	50RB (0)	711 (23130)	22.34	21.34	20.36	18.31
		707.5 (23095)	22.40	21.41	20.37	18.34
		704 (23060)	22.42	21.38	20.35	18.36

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LTE Band12(ANT0 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	21.18	21.77	21.46	18.43
		707.5 (23095)	21.22	21.59	21.45	18.67
		699.7 (23017)	21.33	21.64	21.44	18.39
	1RB-Middle (3)	715.3 (23173)	21.24	21.67	21.54	18.31
		707.5 (23095)	21.14	21.60	21.31	18.69
		699.7 (23017)	21.21	21.82	21.55	18.60
	1RB-Low (0)	715.3 (23173)	21.25	21.64	21.40	18.34
		707.5 (23095)	21.15	21.61	21.27	18.62
		699.7 (23017)	21.16	21.60	21.25	18.56
	3RB-High (3)	715.3 (23173)	21.30	21.41	21.43	18.39
		707.5 (23095)	21.33	21.43	21.26	18.41
		699.7 (23017)	21.32	21.38	21.37	18.33
	3RB-Middle (1)	715.3 (23173)	21.29	21.43	21.39	18.42
		707.5 (23095)	21.27	21.38	21.29	18.47
		699.7 (23017)	21.19	21.48	21.36	18.40
	3RB-Low (0)	715.3 (23173)	21.18	21.48	21.29	18.49
		707.5 (23095)	21.25	21.35	21.30	18.47
		699.7 (23017)	21.31	21.48	21.35	18.39
	6RB (0)	715.3 (23173)	21.30	21.31	20.20	18.38
		707.5 (23095)	21.30	21.35	20.23	18.24
		699.7 (23017)	21.28	21.34	20.36	18.29
3MHz	1RB-High (14)	714.5 (23165)	21.12	21.69	21.12	18.49
		707.5 (23095)	21.18	21.57	21.17	18.47
		700.5 (23025)	21.11	21.55	21.32	18.56
	1RB-Middle (7)	714.5 (23165)	21.24	21.46	21.33	18.49
		707.5 (23095)	21.21	21.66	21.51	18.69
		700.5 (23025)	21.27	21.73	21.53	18.38
	1RB-Low (0)	714.5 (23165)	21.16	21.76	21.50	18.42
		707.5 (23095)	21.05	21.45	21.41	18.47
		700.5 (23025)	21.09	21.51	21.17	18.60
	8RB-High (7)	714.5 (23165)	21.31	21.31	20.25	18.34
		707.5 (23095)	21.29	21.36	20.27	18.46
		700.5 (23025)	21.36	21.42	20.36	18.37
	8RB-Middle (4)	714.5 (23165)	21.34	21.34	20.30	18.34
		707.5 (23095)	21.31	21.41	20.37	18.40
		700.5 (23025)	21.33	21.33	20.35	18.41
	8RB-Low (0)	714.5 (23165)	21.26	21.27	20.27	18.27
		707.5 (23095)	21.23	21.33	20.24	18.39
		700.5 (23025)	21.36	21.42	20.37	18.36
	15RB (0)	714.5 (23165)	21.21	21.27	20.17	18.30
		707.5 (23095)	21.30	21.34	20.32	18.28
		700.5 (23025)	21.30	21.34	20.41	18.36

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5MHz	1RB-High (24)	713.5 (23155)	21.17	21.52	21.21	18.38
		707.5 (23095)	21.10	21.39	21.33	18.49
		701.5 (23035)	21.12	21.59	21.17	18.48
	1RB-Middle (12)	713.5 (23155)	21.29	21.68	21.44	18.45
		707.5 (23095)	21.31	21.57	21.39	18.61
		701.5 (23035)	21.35	21.69	21.52	18.45
	1RB-Low (0)	713.5 (23155)	21.13	21.63	21.29	18.36
		707.5 (23095)	21.24	21.41	21.28	18.39
		701.5 (23035)	21.18	21.49	21.27	18.59
	12RB-High (13)	713.5 (23155)	21.23	21.28	20.25	18.34
		707.5 (23095)	21.30	21.25	20.34	18.39
		701.5 (23035)	21.37	21.29	20.32	18.32
	12RB-Middle (6)	713.5 (23155)	21.28	21.28	20.29	18.37
		707.5 (23095)	21.27	21.28	20.31	18.35
		701.5 (23035)	21.36	21.36	20.33	18.38
	12RB-Low (0)	713.5 (23155)	21.24	21.23	20.33	18.35
		707.5 (23095)	21.23	21.36	20.19	18.36
		701.5 (23035)	21.30	21.21	20.19	18.25
	25RB (0)	713.5 (23155)	21.20	21.20	20.17	18.33
		707.5 (23095)	21.31	21.28	20.26	18.31
		701.5 (23035)	21.38	21.31	20.40	18.39
10MHz	1RB-High (49)	711 (23130)	20.98	21.66	21.35	18.37
		707.5 (23095)	21.01	21.55	21.51	18.40
		704 (23060)	21.10	21.51	21.23	18.45
	1RB-Middle (24)	711 (23130)	21.18	21.53	21.37	18.58
		707.5 (23095)	21.23	21.39	21.33	18.42
		704 (23060)	21.30	21.66	21.32	18.31
	1RB-Low (0)	711 (23130)	21.11	21.63	21.64	18.44
		707.5 (23095)	21.24	21.69	21.23	18.42
		704 (23060)	21.32	21.63	21.29	18.44
	25RB-High (25)	711 (23130)	21.28	21.15	20.23	18.40
		707.5 (23095)	21.12	21.27	20.29	18.35
		704 (23060)	21.22	21.32	20.33	18.25
	25RB-Middle (12)	711 (23130)	21.20	21.21	20.28	18.27
		707.5 (23095)	21.23	21.17	20.26	18.32
		704 (23060)	21.34	21.24	20.35	18.35
	25RB-Low (0)	711 (23130)	21.23	21.22	20.17	18.32
		707.5 (23095)	21.21	21.21	20.24	18.34
		704 (23060)	21.25	21.22	20.27	18.34
	50RB (0)	711 (23130)	21.26	21.24	20.29	18.28
		707.5 (23095)	21.28	21.20	20.21	18.31
		704 (23060)	21.32	21.21	20.24	18.33

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LTE Band12(ANT0 DSI 9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	22.66	22.74	21.49	18.49
		707.5 (23095)	22.64	22.90	21.34	18.73
		699.7 (23017)	22.75	22.75	21.45	18.45
	1RB-Middle (3)	715.3 (23173)	22.81	22.54	21.43	18.37
		707.5 (23095)	22.74	22.92	21.53	18.75
		699.7 (23017)	22.72	22.78	21.55	18.66
	1RB-Low (0)	715.3 (23173)	22.68	22.70	21.44	18.40
		707.5 (23095)	22.70	22.52	21.24	18.68
		699.7 (23017)	22.63	22.56	21.81	18.62
	3RB-High (3)	715.3 (23173)	22.66	22.44	21.36	18.45
		707.5 (23095)	22.68	22.44	21.47	18.47
		699.7 (23017)	22.79	22.51	21.39	18.39
	3RB-Middle (1)	715.3 (23173)	22.74	22.45	21.42	18.48
		707.5 (23095)	22.59	22.52	21.42	18.53
		699.7 (23017)	22.69	22.67	21.47	18.46
	3RB-Low (0)	715.3 (23173)	22.73	22.59	21.37	18.56
		707.5 (23095)	22.67	22.56	21.44	18.53
		699.7 (23017)	22.76	22.57	21.52	18.45
	6RB (0)	715.3 (23173)	22.36	21.36	20.33	18.44
		707.5 (23095)	22.34	21.38	20.44	18.30
		699.7 (23017)	22.34	21.42	20.36	18.35
3MHz	1RB-High (14)	714.5 (23165)	22.68	22.74	21.29	18.56
		707.5 (23095)	22.57	22.49	21.41	18.53
		700.5 (23025)	22.69	22.68	21.32	18.62
	1RB-Middle (7)	714.5 (23165)	22.68	22.62	21.49	18.56
		707.5 (23095)	22.74	22.89	21.52	18.75
		700.5 (23025)	22.75	23.02	21.49	18.44
	1RB-Low (0)	714.5 (23165)	22.75	22.40	21.61	18.48
		707.5 (23095)	22.76	22.93	21.34	18.53
		700.5 (23025)	22.76	22.78	21.44	18.66
	8RB-High (7)	714.5 (23165)	22.27	21.38	20.35	18.40
		707.5 (23095)	22.31	21.44	20.37	18.52
		700.5 (23025)	22.40	21.44	20.41	18.43
	8RB-Middle (4)	714.5 (23165)	22.36	21.48	20.40	18.40
		707.5 (23095)	22.44	21.46	20.43	18.46
		700.5 (23025)	22.46	21.46	20.44	18.47
	8RB-Low (0)	714.5 (23165)	22.30	21.44	20.27	18.33
		707.5 (23095)	22.35	21.40	20.31	18.45
		700.5 (23025)	22.42	21.48	20.44	18.42
	15RB (0)	714.5 (23165)	22.23	21.32	20.28	18.36
		707.5 (23095)	22.32	21.47	20.39	18.34
		700.5 (23025)	22.45	21.47	20.35	18.42

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5MHz	1RB-High (24)	713.5 (23155)	22.78	22.66	21.48	18.44
		707.5 (23095)	22.58	22.49	21.41	18.56
		701.5 (23035)	22.63	22.71	21.39	18.55
	1RB-Middle (12)	713.5 (23155)	22.94	22.89	21.47	18.51
		707.5 (23095)	22.70	22.97	21.61	18.67
		701.5 (23035)	22.98	22.80	21.35	18.51
	1RB-Low (0)	713.5 (23155)	22.68	22.73	21.49	18.42
		707.5 (23095)	22.71	22.74	21.50	18.45
		701.5 (23035)	22.57	22.82	21.41	18.65
	12RB-High (13)	713.5 (23155)	22.41	21.45	20.35	18.40
		707.5 (23095)	22.38	21.39	20.31	18.45
		701.5 (23035)	22.43	21.37	20.37	18.38
	12RB-Middle (6)	713.5 (23155)	22.30	21.36	20.35	18.43
		707.5 (23095)	22.30	21.34	20.40	18.41
		701.5 (23035)	22.48	21.45	20.41	18.44
	12RB-Low (0)	713.5 (23155)	22.31	21.36	20.33	18.41
		707.5 (23095)	22.32	21.34	20.40	18.42
		701.5 (23035)	22.31	21.35	20.28	18.31
	25RB (0)	713.5 (23155)	22.31	21.29	20.28	18.39
		707.5 (23095)	22.36	21.36	20.42	18.37
		701.5 (23035)	22.36	21.40	20.40	18.45
10MHz	1RB-High (49)	711 (23130)	22.55	22.97	21.21	18.43
		707.5 (23095)	22.63	22.67	21.44	18.46
		704 (23060)	22.60	22.74	21.36	18.51
	1RB-Middle (24)	711 (23130)	22.62	22.63	21.46	18.64
		707.5 (23095)	22.68	22.51	21.41	18.48
		704 (23060)	22.63	22.73	21.52	18.37
	1RB-Low (0)	711 (23130)	22.66	22.95	21.39	18.50
		707.5 (23095)	22.80	22.77	21.93	18.48
		704 (23060)	22.76	22.73	21.58	18.50
	25RB-High (25)	711 (23130)	22.32	21.32	20.39	18.46
		707.5 (23095)	22.38	21.36	20.33	18.41
		704 (23060)	22.29	21.36	20.38	18.31
	25RB-Middle (12)	711 (23130)	22.31	21.30	20.30	18.33
		707.5 (23095)	22.32	21.37	20.29	18.38
		704 (23060)	22.41	21.38	20.40	18.41
	25RB-Low (0)	711 (23130)	22.26	21.31	20.25	18.38
		707.5 (23095)	22.23	21.23	20.29	18.40
		704 (23060)	22.29	21.32	20.28	18.40
	50RB (0)	711 (23130)	22.28	21.34	20.40	18.34
		707.5 (23095)	22.34	21.36	20.30	18.37
		704 (23060)	22.35	21.37	20.44	18.39

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LTE Band12(ANT1 DSI 4/5/9/10/14/15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	715.3 (23173)	24.12	23.52	22.19	19.21
		707.5 (23095)	23.95	23.15	22.29	19.27
		699.7 (23017)	23.94	23.43	22.36	19.23
	1RB-Middle (3)	715.3 (23173)	24.00	23.65	22.29	19.10
		707.5 (23095)	23.95	23.45	22.30	18.80
		699.7 (23017)	24.08	23.55	22.16	18.91
	1RB-Low (0)	715.3 (23173)	23.96	23.57	22.51	18.92
		707.5 (23095)	23.85	23.50	22.28	18.93
		699.7 (23017)	24.12	23.51	22.19	19.30
	3RB-High (3)	715.3 (23173)	23.97	23.27	22.13	18.85
		707.5 (23095)	24.03	23.30	22.07	19.27
		699.7 (23017)	23.94	23.30	22.11	19.08
	3RB-Middle (1)	715.3 (23173)	24.01	23.13	22.19	18.95
		707.5 (23095)	24.08	23.18	22.13	19.27
		699.7 (23017)	24.05	23.24	22.13	19.11
	3RB-Low (0)	715.3 (23173)	24.01	23.46	22.25	18.89
		707.5 (23095)	23.99	23.19	22.06	19.04
		699.7 (23017)	24.04	23.41	22.24	19.06
	6RB (0)	715.3 (23173)	23.10	22.16	21.06	18.98
		707.5 (23095)	23.00	22.07	21.11	19.16
		699.7 (23017)	23.05	22.20	21.00	18.89
3MHz	1RB-High (14)	714.5 (23165)	24.01	23.23	21.86	19.19
		707.5 (23095)	23.95	23.35	22.19	18.87
		700.5 (23025)	23.94	23.45	22.21	19.04
	1RB-Middle (7)	714.5 (23165)	24.07	23.48	22.28	18.97
		707.5 (23095)	24.01	23.51	22.25	19.28
		700.5 (23025)	24.07	23.40	22.21	19.21
	1RB-Low (0)	714.5 (23165)	24.02	23.45	21.94	19.17
		707.5 (23095)	23.87	23.33	22.38	18.94
		700.5 (23025)	24.07	23.37	22.16	19.14
	8RB-High (7)	714.5 (23165)	23.05	22.17	21.11	18.98
		707.5 (23095)	23.14	22.21	21.24	19.01
		700.5 (23025)	23.13	22.24	21.17	19.30
	8RB-Middle (4)	714.5 (23165)	23.05	22.14	21.12	19.03
		707.5 (23095)	23.13	22.14	21.11	19.13
		700.5 (23025)	23.13	22.22	21.12	18.98
	8RB-Low (0)	714.5 (23165)	22.97	22.10	21.04	19.25
		707.5 (23095)	22.98	22.14	21.03	19.18
		700.5 (23025)	23.15	22.23	21.15	19.15
	15RB (0)	714.5 (23165)	22.95	22.02	20.95	19.30
		707.5 (23095)	23.08	22.13	21.09	19.29
		700.5 (23025)	23.06	22.13	21.16	19.21

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5MHz	1RB-High (24)	713.5 (23155)	24.06	23.58	22.36	19.18
		707.5 (23095)	24.05	23.52	22.16	18.99
		701.5 (23035)	23.98	23.33	22.20	18.86
	1RB-Middle (12)	713.5 (23155)	24.02	23.53	22.33	18.82
		707.5 (23095)	24.25	23.50	22.59	19.04
		701.5 (23035)	24.13	23.42	22.32	18.84
	1RB-Low (0)	713.5 (23155)	24.11	23.35	22.07	18.86
		707.5 (23095)	23.97	23.50	22.04	19.18
		701.5 (23035)	24.07	23.41	22.05	18.93
	12RB-High (13)	713.5 (23155)	23.09	22.17	21.12	19.26
		707.5 (23095)	23.05	22.14	21.07	19.23
		701.5 (23035)	23.11	22.17	21.12	19.19
	12RB-Middle (6)	713.5 (23155)	23.02	22.13	21.05	19.07
		707.5 (23095)	23.02	22.18	21.10	19.24
		701.5 (23035)	23.09	22.15	21.16	18.84
	12RB-Low (0)	713.5 (23155)	23.01	22.13	21.09	19.02
		707.5 (23095)	23.00	22.02	21.01	19.19
		701.5 (23035)	23.08	22.11	21.09	19.30
	25RB (0)	713.5 (23155)	22.98	22.03	20.97	18.88
		707.5 (23095)	23.09	22.11	21.10	19.16
		701.5 (23035)	23.09	22.14	21.11	18.95
10MHz	1RB-High (49)	711 (23130)	24.00	23.50	22.16	19.28
		707.5 (23095)	23.90	23.25	22.20	18.96
		704 (23060)	24.00	23.53	22.16	18.99
	1RB-Middle (24)	711 (23130)	24.03	23.28	22.09	18.80
		707.5 (23095)	23.99	23.35	22.33	18.95
		704 (23060)	23.99	23.72	22.15	18.82
	1RB-Low (0)	711 (23130)	24.11	23.76	22.22	19.22
		707.5 (23095)	24.08	23.57	22.23	18.90
		704 (23060)	24.08	23.61	22.35	19.06
	25RB-High (25)	711 (23130)	23.09	22.03	21.05	18.83
		707.5 (23095)	23.08	22.14	21.04	18.82
		704 (23060)	23.12	22.04	21.15	19.06
	25RB-Middle (12)	711 (23130)	23.03	22.11	21.00	19.15
		707.5 (23095)	23.01	22.06	21.11	19.28
		704 (23060)	23.17	22.15	21.12	19.27
	25RB-Low (0)	711 (23130)	23.07	22.12	21.09	19.09
		707.5 (23095)	23.05	22.16	21.01	18.98
		704 (23060)	23.09	22.08	20.98	19.26
	50RB (0)	711 (23130)	23.07	22.10	21.09	18.84
		707.5 (23095)	23.09	22.17	21.08	19.00
		704 (23060)	23.09	22.08	21.09	18.99

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LTE Band13(ANT0 DSI 5)

Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1RB-High (24)	784.5 (23255)	21.80	22.00	21.12	18.40
	782 (23230)	21.84	22.28	20.97	18.33
	779.5 (23205)	21.76	22.29	21.00	18.33
1RB-Middle (12)	784.5 (23255)	22.06	21.96	21.02	18.35
	782 (23230)	21.92	22.25	21.04	18.38
	779.5 (23205)	21.84	22.21	21.13	18.32
1RB-Low (0)	784.5 (23255)	21.86	22.20	20.87	18.34
	782 (23230)	22.00	22.06	21.05	18.42
	779.5 (23205)	21.79	22.32	20.86	18.44
12RB-High (13)	784.5 (23255)	21.92	21.56	20.45	18.60
	782 (23230)	21.91	21.52	20.47	18.54
	779.5 (23205)	21.88	21.46	20.43	18.48
12RB-Middle (6)	784.5 (23255)	21.98	21.57	20.50	18.53
	782 (23230)	21.90	21.44	20.45	18.57
	779.5 (23205)	21.95	21.49	20.48	18.50
12RB-Low (0)	784.5 (23255)	21.81	21.44	20.41	18.51
	782 (23230)	21.83	21.44	20.43	18.56
	779.5 (23205)	21.94	21.44	20.48	18.48
25RB (0)	784.5 (23255)	21.95	21.42	20.36	18.46
	782 (23230)	21.91	21.49	20.49	18.51
	779.5 (23205)	21.91	21.35	20.45	18.57
1RB-High (49)	782 (23230)	21.78	22.24	21.02	18.45
1RB-Middle (24)	782 (23230)	21.89	22.15	21.06	18.48
1RB-Low (0)	782 (23230)	21.78	22.09	21.24	18.43
25RB-High (25)	782 (23230)	21.93	21.47	20.44	18.55
25RB-Middle (12)	782 (23230)	21.91	21.53	20.48	18.54
25RB-Low (0)	782 (23230)	21.96	21.47	20.42	18.52
50RB (0)	782 (23230)	21.84	21.49	20.50	18.40

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LTE Band13(ANT0 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	20.89	21.16	20.92	18.35
		782 (23230)	20.94	21.19	21.11	18.28
		779.5 (23205)	20.82	21.22	20.98	18.28
	1RB-Middle (12)	784.5 (23255)	20.93	21.05	21.02	18.30
		782 (23230)	20.95	21.02	21.00	18.33
		779.5 (23205)	20.94	21.28	20.92	18.27
	1RB-Low (0)	784.5 (23255)	20.86	21.19	21.11	18.29
		782 (23230)	20.90	21.04	20.09	18.37
		779.5 (23205)	20.84	21.12	20.97	18.39
	12RB-High (13)	784.5 (23255)	20.89	20.95	20.46	18.55
		782 (23230)	20.95	21.03	20.51	18.49
		779.5 (23205)	20.90	20.94	20.38	18.43
	12RB-Middle (6)	784.5 (23255)	20.94	20.97	20.51	18.48
		782 (23230)	20.84	20.93	20.47	18.52
		779.5 (23205)	20.90	21.04	20.51	18.45
	12RB-Low (0)	784.5 (23255)	20.90	20.90	20.39	18.46
		782 (23230)	20.89	20.86	20.47	18.51
		779.5 (23205)	20.87	20.87	20.42	18.43
	25RB (0)	784.5 (23255)	20.90	20.92	20.45	18.41
		782 (23230)	20.93	20.92	20.35	18.46
		779.5 (23205)	20.93	20.96	20.39	18.52
10MHz	1RB-High (49)	782 (23230)	20.78	21.19	20.99	18.40
	1RB-Middle (24)	782 (23230)	20.93	21.20	20.99	18.43
	1RB-Low (0)	782 (23230)	20.90	21.28	21.01	18.38
	25RB-High (25)	782 (23230)	20.91	20.96	20.46	18.50
	25RB-Middle (12)	782 (23230)	20.96	21.00	20.40	18.49
	25RB-Low (0)	782 (23230)	20.94	20.93	20.34	18.47
	50RB (0)	782 (23230)	20.92	20.90	20.38	18.35

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LTE Band13(ANT0 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	19.71	20.04	19.90	18.24
		782 (23230)	19.85	20.07	19.78	18.17
		779.5 (23205)	19.67	20.00	19.88	18.17
	1RB-Middle (12)	784.5 (23255)	19.83	20.06	19.98	18.19
		782 (23230)	19.81	20.04	19.85	18.22
		779.5 (23205)	19.85	20.13	19.93	18.16
	1RB-Low (0)	784.5 (23255)	19.78	20.12	20.11	18.18
		782 (23230)	19.92	20.11	19.97	18.26
		779.5 (23205)	19.84	20.02	20.07	18.28
	12RB-High (13)	784.5 (23255)	19.84	19.88	19.85	18.44
		782 (23230)	19.78	19.91	19.91	18.38
		779.5 (23205)	19.77	19.84	19.84	18.32
	12RB-Middle (6)	784.5 (23255)	19.80	19.88	19.98	18.37
		782 (23230)	19.80	19.78	19.91	18.41
		779.5 (23205)	19.82	19.87	19.90	18.34
	12RB-Low (0)	784.5 (23255)	19.82	19.81	19.87	18.35
		782 (23230)	19.78	19.83	19.83	18.40
		779.5 (23205)	19.78	19.80	19.92	18.32
	25RB (0)	784.5 (23255)	19.84	19.82	19.82	18.30
		782 (23230)	19.75	19.82	19.78	18.35
		779.5 (23205)	19.88	19.92	19.78	18.41
10MHz	1RB-High (49)	782 (23230)	19.73	20.02	19.85	18.29
	1RB-Middle (24)	782 (23230)	19.83	20.09	19.99	18.32
	1RB-Low (0)	782 (23230)	19.79	20.11	19.87	18.27
	25RB-High (25)	782 (23230)	19.84	19.84	19.89	18.39
	25RB-Middle (12)	782 (23230)	19.82	19.86	19.82	18.38
	25RB-Low (0)	782 (23230)	19.86	19.89	19.83	18.36
	50RB (0)	782 (23230)	19.92	19.77	19.80	18.24

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LTE Band13(ANT0 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	23.30	23.01	21.37	18.33
		782 (23230)	23.34	22.63	21.54	18.26
		779.5 (23205)	23.35	22.77	21.55	18.26
	1RB-Middle (12)	784.5 (23255)	23.52	22.79	21.50	18.28
		782 (23230)	23.50	22.87	21.82	18.31
		779.5 (23205)	23.40	22.94	21.67	18.25
	1RB-Low (0)	784.5 (23255)	23.38	22.78	21.63	18.27
		782 (23230)	23.46	22.71	21.50	18.35
		779.5 (23205)	23.30	22.78	21.47	18.37
	12RB-High (13)	784.5 (23255)	22.46	21.40	20.43	18.53
		782 (23230)	22.47	21.51	20.47	18.47
		779.5 (23205)	22.41	21.48	20.54	18.41
	12RB-Middle (6)	784.5 (23255)	22.47	21.47	20.48	18.46
		782 (23230)	22.48	21.44	20.50	18.50
		779.5 (23205)	22.42	21.62	20.46	18.43
	12RB-Low (0)	784.5 (23255)	22.37	21.42	20.42	18.44
		782 (23230)	22.38	21.47	20.38	18.49
		779.5 (23205)	22.41	21.43	20.34	18.41
	25RB (0)	784.5 (23255)	22.46	21.43	20.42	18.39
		782 (23230)	22.45	21.36	20.35	18.44
		779.5 (23205)	22.42	21.41	20.35	18.50
10MHz	1RB-High (49)	782 (23230)	23.47	22.79	21.53	18.38
	1RB-Middle (24)	782 (23230)	23.39	22.75	21.65	18.41
	1RB-Low (0)	782 (23230)	23.50	22.80	21.80	18.36
	25RB-High (25)	782 (23230)	22.47	21.44	20.44	18.48
	25RB-Middle (12)	782 (23230)	22.43	21.46	20.42	18.47
	25RB-Low (0)	782 (23230)	22.41	21.43	20.42	18.45
	50RB (0)	782 (23230)	22.34	21.43	20.38	18.33

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LTE Band13(ANT0 DSI 9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	21.33	21.56	21.38	18.37
		782 (23230)	21.14	21.60	21.41	18.30
		779.5 (23205)	21.22	21.58	21.42	18.30
	1RB-Middle (12)	784.5 (23255)	21.49	21.58	21.56	18.32
		782 (23230)	21.42	21.65	21.38	18.35
		779.5 (23205)	21.35	21.61	21.35	18.29
	1RB-Low (0)	784.5 (23255)	21.27	21.57	21.55	18.31
		782 (23230)	21.27	21.53	21.34	18.39
		779.5 (23205)	21.21	21.42	21.20	18.41
	12RB-High (13)	784.5 (23255)	21.31	21.33	20.34	18.57
		782 (23230)	21.35	21.36	20.38	18.51
		779.5 (23205)	21.31	21.28	20.42	18.45
	12RB-Middle (6)	784.5 (23255)	21.34	21.41	20.45	18.50
		782 (23230)	21.26	21.37	20.34	18.54
		779.5 (23205)	21.30	21.37	20.36	18.47
	12RB-Low (0)	784.5 (23255)	21.28	21.31	20.31	18.48
		782 (23230)	21.25	21.33	20.38	18.53
		779.5 (23205)	21.30	20.91	20.24	18.45
	25RB (0)	784.5 (23255)	21.37	21.35	20.32	18.43
		782 (23230)	21.29	21.31	20.24	18.48
		779.5 (23205)	21.33	21.42	20.28	18.54
10MHz	1RB-High (49)	782 (23230)	21.20	21.70	21.40	18.42
	1RB-Middle (24)	782 (23230)	21.29	21.71	21.57	18.45
	1RB-Low (0)	782 (23230)	21.28	21.62	21.40	18.40
	25RB-High (25)	782 (23230)	21.31	21.36	20.38	18.52
	25RB-Middle (12)	782 (23230)	21.28	21.26	20.35	18.51
	25RB-Low (0)	782 (23230)	21.39	21.36	20.41	18.49
	50RB (0)	782 (23230)	21.37	21.28	20.31	18.37

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LTE Band13(ANT1 DSI 4/5/9/10/14/15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	784.5 (23255)	24.11	23.52	22.21	19.27
		782 (23230)	24.09	23.48	22.46	18.83
		779.5 (23205)	24.16	23.62	22.17	18.87
	1RB-Middle (12)	784.5 (23255)	24.21	23.80	22.37	18.93
		782 (23230)	24.24	23.56	22.43	19.24
		779.5 (23205)	24.47	23.55	22.47	18.93
	1RB-Low (0)	784.5 (23255)	24.13	23.26	22.43	19.22
		782 (23230)	24.14	23.33	22.26	18.92
		779.5 (23205)	24.10	23.65	22.19	19.13
	12RB-High (13)	784.5 (23255)	23.15	22.18	21.31	18.86
		782 (23230)	23.20	22.29	21.19	18.92
		779.5 (23205)	23.17	22.20	21.27	18.98
	12RB-Middle (6)	784.5 (23255)	23.27	22.28	21.23	18.87
		782 (23230)	23.15	22.23	21.17	19.06
		779.5 (23205)	23.26	22.29	21.23	18.93
	12RB-Low (0)	784.5 (23255)	23.11	22.17	21.14	19.01
		782 (23230)	23.17	22.23	21.29	18.87
		779.5 (23205)	23.15	22.24	21.08	18.82
	25RB (0)	784.5 (23255)	23.20	22.21	21.27	19.25
		782 (23230)	23.13	22.17	21.05	18.96
		779.5 (23205)	23.22	22.24	21.26	18.84
10MHz	1RB-High (49)	782 (23230)	24.16	23.56	22.59	19.23
	1RB-Middle (24)	782 (23230)	24.21	23.59	22.54	19.04
	1RB-Low (0)	782 (23230)	24.09	23.64	22.57	19.10
	25RB-High (25)	782 (23230)	23.23	22.29	21.22	18.97
	25RB-Middle (12)	782 (23230)	23.10	22.29	21.25	18.91
	25RB-Low (0)	782 (23230)	23.16	22.18	21.22	19.05
	50RB (0)	782 (23230)	23.28	22.09	21.23	19.05

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LTE Band25(ANT0 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	17.75	18.18	17.89	16.75
		1882.5 (26365)	17.79	18.10	17.88	17.02
		1850.7 (26047)	17.74	18.19	17.94	16.94
	1RB-Middle (3)	1914.3 (26683)	17.49	18.14	17.93	16.83
		1882.5 (26365)	17.87	18.23	17.99	16.89
		1850.7 (26047)	17.83	18.18	17.92	16.87
	1RB-Low (0)	1914.3 (26683)	17.75	18.24	17.98	17.10
		1882.5 (26365)	17.75	18.13	18.04	16.88
		1850.7 (26047)	17.79	18.09	17.94	17.04
	3RB-High (3)	1914.3 (26683)	18.04	18.12	18.09	17.17
		1882.5 (26365)	17.86	18.17	17.93	16.99
		1850.7 (26047)	17.90	18.22	17.92	16.72
	3RB-Middle (1)	1914.3 (26683)	18.04	18.19	17.94	17.14
		1882.5 (26365)	17.85	18.11	17.94	17.13
		1850.7 (26047)	17.79	18.20	17.91	17.19
	3RB-Low (0)	1914.3 (26683)	18.01	18.12	17.91	17.04
		1882.5 (26365)	17.83	18.09	17.97	17.03
		1850.7 (26047)	17.77	18.25	17.95	17.20
	6RB (0)	1914.3 (26683)	18.01	18.17	18.04	17.14
		1882.5 (26365)	17.85	18.10	17.90	16.96
		1850.7 (26047)	17.79	18.11	17.85	17.17
3MHz	1RB-High (14)	1913.5 (26675)	17.77	18.16	17.93	17.03
		1882.5 (26365)	17.76	18.23	17.98	16.85
		1851.5 (26055)	17.83	18.24	18.03	17.14
	1RB-Middle (7)	1913.5 (26675)	17.93	18.15	18.03	17.20
		1882.5 (26365)	17.87	18.21	18.02	17.19
		1851.5 (26055)	17.92	18.09	18.07	16.78
	1RB-Low (0)	1913.5 (26675)	17.98	18.18	17.89	16.88
		1882.5 (26365)	17.83	18.08	17.90	16.96
		1851.5 (26055)	17.72	18.19	17.84	16.94
	8RB-High (7)	1913.5 (26675)	17.86	18.16	17.90	16.88
		1882.5 (26365)	17.90	18.16	17.88	17.09
		1851.5 (26055)	17.92	18.19	17.92	16.80
	8RB-Middle (4)	1913.5 (26675)	17.90	18.20	17.96	16.88
		1882.5 (26365)	17.92	18.26	17.92	16.77
		1851.5 (26055)	17.88	18.22	17.90	16.93
	8RB-Low (0)	1913.5 (26675)	18.03	18.15	18.04	16.97
		1882.5 (26365)	17.86	18.25	17.89	16.82
		1851.5 (26055)	17.83	18.17	17.91	16.79
	15RB (0)	1913.5 (26675)	17.96	18.23	17.90	16.74
		1882.5 (26365)	17.84	18.09	17.88	17.13
		1851.5 (26055)	17.85	18.18	17.94	16.74

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5MHz	1RB-High (24)	1912.5 (26665)	17.89	18.24	17.90	16.99
		1882.5 (26365)	17.83	18.10	18.00	16.79
		1852.5 (26065)	17.72	18.18	17.97	16.89
	1RB-Middle (12)	1912.5 (26665)	17.89	18.19	17.88	16.76
		1882.5 (26365)	17.85	18.31	17.99	16.92
		1852.5 (26065)	17.85	18.08	18.09	16.83
	1RB-Low (0)	1912.5 (26665)	18.02	18.25	17.91	16.88
		1882.5 (26365)	17.83	18.13	17.88	16.91
		1852.5 (26065)	17.82	18.12	17.93	16.76
	12RB-High (13)	1912.5 (26665)	17.89	18.18	17.99	16.86
		1882.5 (26365)	17.89	18.14	17.89	17.10
		1852.5 (26065)	17.93	18.17	17.97	17.09
	12RB-Middle (6)	1912.5 (26665)	17.99	18.27	17.90	16.85
		1882.5 (26365)	17.91	18.13	17.94	17.00
		1852.5 (26065)	17.85	18.20	17.93	16.85
	12RB-Low (0)	1912.5 (26665)	18.00	18.27	18.08	16.77
		1882.5 (26365)	17.87	18.16	17.93	16.75
		1852.5 (26065)	17.89	18.16	17.92	17.19
	25RB (0)	1912.5 (26665)	17.99	18.29	18.04	17.08
		1882.5 (26365)	17.87	18.12	17.91	16.71
		1852.5 (26065)	17.85	18.13	17.91	16.93
10MHz	1RB-High (49)	1910 (26640)	17.85	18.16	17.94	17.03
		1882.5 (26365)	17.91	18.18	18.06	16.87
		1855 (26090)	17.83	18.10	17.97	17.18
	1RB-Middle (24)	1910 (26640)	17.86	18.11	18.09	17.13
		1882.5 (26365)	17.88	18.31	18.01	16.81
		1855 (26090)	17.92	18.31	17.97	16.84
	1RB-Low (0)	1910 (26640)	17.96	18.19	17.95	17.06
		1882.5 (26365)	17.83	18.16	18.07	16.75
		1855 (26090)	17.77	18.17	18.04	16.76
	25RB-High (25)	1910 (26640)	17.93	18.14	17.91	17.10
		1882.5 (26365)	17.89	18.12	17.97	17.14
		1855 (26090)	17.85	18.16	17.96	16.89
	25RB-Middle (12)	1910 (26640)	17.85	18.21	18.07	17.06
		1882.5 (26365)	17.95	18.18	17.95	17.19
		1855 (26090)	17.86	18.09	17.97	17.00
	25RB-Low (0)	1910 (26640)	17.92	18.16	17.87	16.87
		1882.5 (26365)	17.81	18.11	17.81	16.79
		1855 (26090)	17.91	18.15	17.93	17.20
	50RB (0)	1910 (26640)	18.01	18.22	18.09	16.89
		1882.5 (26365)	17.92	18.17	17.93	17.16
		1855 (26090)	17.89	18.14	17.93	17.10

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15MHz	1RB-High (74)	1907.5 (26615)	17.91	18.30	17.94	16.72
		1882.5 (26365)	17.63	18.22	17.78	17.02
		1857.5 (26115)	17.76	18.31	17.74	16.99
	1RB-Middle (37)	1907.5 (26615)	17.74	18.05	17.99	16.76
		1882.5 (26365)	17.61	18.13	17.85	17.12
		1857.5 (26115)	17.63	18.19	17.73	17.14
	1RB-Low (0)	1907.5 (26615)	17.71	18.30	17.92	16.90
		1882.5 (26365)	17.63	18.22	17.74	17.20
		1857.5 (26115)	17.66	18.29	17.80	16.79
	36RB-High (38)	1907.5 (26615)	17.95	18.26	18.04	17.09
		1882.5 (26365)	17.76	17.99	17.75	16.88
		1857.5 (26115)	17.80	17.96	17.77	16.78
	36RB-Middle (19)	1907.5 (26615)	17.87	18.15	17.95	16.93
		1882.5 (26365)	17.73	18.05	17.74	16.91
		1857.5 (26115)	17.75	18.00	17.70	17.04
	36RB-Low (0)	1907.5 (26615)	17.81	18.03	17.84	17.18
		1882.5 (26365)	17.71	17.96	17.73	16.88
		1857.5 (26115)	17.71	18.05	17.79	17.12
	75RB (0)	1907.5 (26615)	17.90	18.17	17.96	16.77
		1882.5 (26365)	17.75	17.97	17.76	16.78
		1857.5 (26115)	17.76	18.00	17.79	16.99
20MHz	1RB-High (99)	1905 (26590)	17.77	18.18	17.87	16.92
		1882.5 (26365)	17.70	18.05	17.90	16.84
		1860 (26140)	17.80	18.10	17.96	17.14
	1RB-Middle (50)	1905 (26590)	17.85	17.82	17.94	16.97
		1882.5 (26365)	17.79	18.10	18.13	17.11
		1860 (26140)	17.88	18.07	18.03	16.86
	1RB-Low (0)	1905 (26590)	17.70	17.88	17.97	17.03
		1882.5 (26365)	17.81	18.03	18.08	17.16
		1860 (26140)	17.71	17.86	17.87	17.04
	50RB-High (50)	1905 (26590)	17.90	17.96	17.79	17.04
		1882.5 (26365)	17.78	17.92	17.84	16.88
		1860 (26140)	17.88	17.86	17.85	17.18
	50RB-Middle (25)	1905 (26590)	17.89	17.85	17.87	17.07
		1882.5 (26365)	17.89	17.79	17.82	16.79
		1860 (26140)	17.95	17.90	17.85	16.97
	50RB-Low (0)	1905 (26590)	17.68	17.73	17.64	16.73
		1882.5 (26365)	17.84	17.82	17.76	17.17
		1860 (26140)	17.75	17.80	17.75	16.91
	100RB (0)	1905 (26590)	17.91	17.85	17.79	17.16
		1882.5 (26365)	17.84	17.82	17.87	16.91
		1860 (26140)	17.88	17.85	17.89	17.03

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LTE Band25(ANT0 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	16.69	17.11	17.05	17.04
		1882.5 (26365)	16.73	17.03	17.04	17.01
		1850.7 (26047)	16.68	17.12	17.10	17.02
	1RB-Middle (3)	1914.3 (26683)	16.45	17.06	17.09	16.71
		1882.5 (26365)	16.81	17.15	17.14	16.86
		1850.7 (26047)	16.77	17.11	17.07	17.04
	1RB-Low (0)	1914.3 (26683)	16.69	17.16	17.14	16.69
		1882.5 (26365)	16.69	17.05	17.19	16.82
		1850.7 (26047)	16.73	17.02	17.10	17.05
	3RB-High (3)	1914.3 (26683)	16.96	17.05	17.24	16.68
		1882.5 (26365)	16.80	17.10	17.08	16.87
		1850.7 (26047)	16.83	17.14	17.07	16.95
	3RB-Middle (1)	1914.3 (26683)	16.96	17.12	17.10	16.91
		1882.5 (26365)	16.79	17.04	17.10	16.93
		1850.7 (26047)	16.73	17.12	17.07	16.85
	3RB-Low (0)	1914.3 (26683)	16.94	17.05	17.07	16.91
		1882.5 (26365)	16.77	17.02	17.13	16.94
		1850.7 (26047)	16.71	17.17	17.11	17.01
	6RB (0)	1914.3 (26683)	16.94	17.10	17.19	17.01
		1882.5 (26365)	16.79	17.03	17.06	16.63
		1850.7 (26047)	16.73	17.04	17.01	16.96
3MHz	1RB-High (14)	1913.5 (26675)	16.71	17.09	17.08	17.10
		1882.5 (26365)	16.70	17.15	17.14	16.82
		1851.5 (26055)	16.77	17.16	17.18	16.88
	1RB-Middle (7)	1913.5 (26675)	16.86	17.07	17.18	16.98
		1882.5 (26365)	16.81	17.13	17.17	16.69
		1851.5 (26055)	16.85	17.02	17.22	17.01
	1RB-Low (0)	1913.5 (26675)	16.91	17.11	17.05	16.76
		1882.5 (26365)	16.76	17.01	17.06	17.06
		1851.5 (26055)	16.67	17.12	17.00	17.05
	8RB-High (7)	1913.5 (26675)	16.80	17.08	17.06	16.77
		1882.5 (26365)	16.83	17.09	17.04	16.74
		1851.5 (26055)	16.85	17.12	17.07	16.98
	8RB-Middle (4)	1913.5 (26675)	16.83	17.12	17.12	16.76
		1882.5 (26365)	16.85	17.18	17.07	16.97
		1851.5 (26055)	16.81	17.14	17.06	16.83
	8RB-Low (0)	1913.5 (26675)	16.95	17.07	17.19	17.01
		1882.5 (26365)	16.80	17.17	17.05	16.74
		1851.5 (26055)	16.76	17.10	17.07	16.76
	15RB (0)	1913.5 (26675)	16.88	17.15	17.06	16.71
		1882.5 (26365)	16.78	17.02	17.04	16.60
		1851.5 (26055)	16.79	17.11	17.10	17.03

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5MHz	1RB-High (24)	1912.5 (26665)	16.82	17.16	17.06	17.01
		1882.5 (26365)	16.76	17.03	17.15	16.68
		1852.5 (26065)	16.67	17.11	17.13	16.83
	1RB-Middle (12)	1912.5 (26665)	16.82	17.12	17.04	16.81
		1882.5 (26365)	16.79	17.22	17.14	16.73
		1852.5 (26065)	16.79	17.01	17.24	16.75
	1RB-Low (0)	1912.5 (26665)	16.95	17.17	17.07	16.79
		1882.5 (26365)	16.77	17.05	17.04	16.71
		1852.5 (26065)	16.75	17.05	17.08	16.85
	12RB-High (13)	1912.5 (26665)	16.82	17.11	17.14	16.91
		1882.5 (26365)	16.82	17.06	17.05	16.86
		1852.5 (26065)	16.86	17.10	17.13	16.85
	12RB-Middle (6)	1912.5 (26665)	16.92	17.19	17.06	16.73
		1882.5 (26365)	16.84	17.05	17.10	17.02
		1852.5 (26065)	16.79	17.12	17.08	16.90
	12RB-Low (0)	1912.5 (26665)	16.93	17.19	17.23	16.77
		1882.5 (26365)	16.81	17.08	17.08	17.01
		1852.5 (26065)	16.82	17.08	17.07	16.67
	25RB (0)	1912.5 (26665)	16.92	17.20	17.19	17.06
		1882.5 (26365)	16.81	17.05	17.07	16.81
		1852.5 (26065)	16.79	17.05	17.07	16.62
10MHz	1RB-High (49)	1910 (26640)	16.79	17.09	17.10	16.72
		1882.5 (26365)	16.84	17.11	17.22	16.84
		1855 (26090)	16.77	17.03	17.13	16.94
	1RB-Middle (24)	1910 (26640)	16.80	17.04	17.24	16.70
		1882.5 (26365)	16.81	17.22	17.16	16.90
		1855 (26090)	16.85	17.22	17.13	16.84
	1RB-Low (0)	1910 (26640)	16.89	17.12	17.11	16.78
		1882.5 (26365)	16.76	17.08	17.22	17.08
		1855 (26090)	16.71	17.10	17.19	16.70
	25RB-High (25)	1910 (26640)	16.86	17.06	17.07	16.67
		1882.5 (26365)	16.82	17.05	17.13	16.70
		1855 (26090)	16.79	17.08	17.12	16.95
	25RB-Middle (12)	1910 (26640)	16.79	17.13	17.22	16.61
		1882.5 (26365)	16.88	17.11	17.11	16.70
		1855 (26090)	16.80	17.02	17.13	16.97
	25RB-Low (0)	1910 (26640)	16.85	17.08	17.03	16.65
		1882.5 (26365)	16.74	17.04	16.97	16.94
		1855 (26090)	16.84	17.07	17.08	16.76
	50RB (0)	1910 (26640)	16.94	17.14	17.24	16.70
		1882.5 (26365)	16.85	17.10	17.08	16.92
		1855 (26090)	16.82	17.06	17.09	16.98

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15MHz	1RB-High (74)	1907.5 (26615)	16.84	17.21	17.10	16.90
		1882.5 (26365)	16.58	17.14	16.94	16.83
		1857.5 (26115)	16.70	17.22	16.91	16.66
	1RB-Middle (37)	1907.5 (26615)	16.68	16.98	17.14	16.69
		1882.5 (26365)	16.56	17.05	17.01	16.62
		1857.5 (26115)	16.58	17.12	16.90	16.61
	1RB-Low (0)	1907.5 (26615)	16.66	17.21	17.07	16.77
		1882.5 (26365)	16.58	17.14	16.91	16.95
		1857.5 (26115)	16.61	17.20	16.96	16.64
	36RB-High (38)	1907.5 (26615)	16.88	17.18	17.19	16.62
		1882.5 (26365)	16.70	16.92	16.92	16.91
		1857.5 (26115)	16.74	16.90	16.93	16.77
	36RB-Middle (19)	1907.5 (26615)	16.81	17.07	17.11	17.07
		1882.5 (26365)	16.68	16.98	16.91	16.61
		1857.5 (26115)	16.69	16.93	16.87	17.04
	36RB-Low (0)	1907.5 (26615)	16.74	16.97	17.00	16.94
		1882.5 (26365)	16.65	16.90	16.90	16.97
		1857.5 (26115)	16.65	16.98	16.95	16.92
	75RB (0)	1907.5 (26615)	16.83	17.10	17.12	16.72
		1882.5 (26365)	16.69	16.90	16.92	16.71
		1857.5 (26115)	16.70	16.93	16.95	17.08
20MHz	1RB-High (99)	1905 (26590)	16.71	17.01	17.03	17.02
		1882.5 (26365)	16.72	17.02	16.95	16.75
		1860 (26140)	16.85	16.99	17.03	16.69
	1RB-Middle (50)	1905 (26590)	16.83	17.33	17.03	17.09
		1882.5 (26365)	16.83	17.03	17.13	16.98
		1860 (26140)	16.86	17.12	17.04	16.82
	1RB-Low (0)	1905 (26590)	16.64	16.94	17.02	17.03
		1882.5 (26365)	16.81	17.21	17.12	17.01
		1860 (26140)	16.69	16.86	17.08	16.83
	50RB-High (50)	1905 (26590)	16.90	16.85	16.89	16.84
		1882.5 (26365)	16.87	16.85	16.75	16.74
		1860 (26140)	16.97	16.94	16.87	16.73
	50RB-Middle (25)	1905 (26590)	16.83	16.83	16.76	16.87
		1882.5 (26365)	16.77	16.83	16.83	16.62
		1860 (26140)	16.85	16.89	16.93	16.61
	50RB-Low (0)	1905 (26590)	16.76	16.75	16.77	16.96
		1882.5 (26365)	16.84	16.90	16.75	16.97
		1860 (26140)	16.84	16.80	16.69	16.74
	100RB (0)	1905 (26590)	16.78	16.88	16.92	17.04
		1882.5 (26365)	16.84	16.89	16.80	16.81
		1860 (26140)	16.90	16.84	16.89	17.08

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LTE Band25(ANT0 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	15.67	16.24	16.00	15.82
		1882.5 (26365)	15.65	16.08	15.81	15.67
		1850.7 (26047)	15.65	16.08	15.87	16.04
	1RB-Middle (3)	1914.3 (26683)	15.91	16.03	16.07	15.88
		1882.5 (26365)	15.71	16.17	15.82	15.65
		1850.7 (26047)	15.65	16.17	15.85	15.75
	1RB-Low (0)	1914.3 (26683)	15.85	16.16	16.08	16.05
		1882.5 (26365)	15.60	16.12	15.84	15.75
		1850.7 (26047)	15.68	16.02	15.78	15.93
	3RB-High (3)	1914.3 (26683)	15.90	16.04	16.05	15.66
		1882.5 (26365)	15.63	15.88	15.85	15.71
		1850.7 (26047)	15.71	15.89	15.85	15.87
	3RB-Middle (1)	1914.3 (26683)	15.96	16.20	16.08	15.96
		1882.5 (26365)	15.71	15.88	15.80	15.96
		1850.7 (26047)	15.69	16.01	15.86	15.99
	3RB-Low (0)	1914.3 (26683)	15.90	16.09	15.99	15.91
		1882.5 (26365)	15.68	15.99	15.94	16.06
		1850.7 (26047)	15.77	15.90	15.83	15.84
	6RB (0)	1914.3 (26683)	15.85	16.12	16.00	15.71
		1882.5 (26365)	15.74	15.82	15.80	15.96
		1850.7 (26047)	15.70	15.85	15.74	15.97
3MHz	1RB-High (14)	1913.5 (26675)	15.60	16.18	16.05	15.68
		1882.5 (26365)	15.65	16.18	15.86	15.88
		1851.5 (26055)	15.70	16.07	15.76	15.94
	1RB-Middle (7)	1913.5 (26675)	15.72	16.01	16.08	16.04
		1882.5 (26365)	15.75	16.23	15.96	16.00
		1851.5 (26055)	15.72	16.04	15.80	15.76
	1RB-Low (0)	1913.5 (26675)	15.79	16.14	16.05	15.78
		1882.5 (26365)	15.63	16.11	15.78	15.95
		1851.5 (26055)	15.69	16.08	15.77	15.83
	8RB-High (7)	1913.5 (26675)	15.95	16.17	16.06	15.85
		1882.5 (26365)	15.71	15.87	15.86	15.84
		1851.5 (26055)	15.72	15.93	15.86	16.07
	8RB-Middle (4)	1913.5 (26675)	15.98	16.09	16.03	15.75
		1882.5 (26365)	15.78	15.94	15.85	15.95
		1851.5 (26055)	15.72	15.88	15.83	15.92
	8RB-Low (0)	1913.5 (26675)	15.85	16.04	15.91	15.67
		1882.5 (26365)	15.76	15.87	15.80	15.60
		1851.5 (26055)	15.75	15.81	15.84	15.66
	15RB (0)	1913.5 (26675)	15.87	15.93	15.95	16.04
		1882.5 (26365)	15.73	15.89	15.74	15.70
		1851.5 (26055)	15.76	15.81	15.74	15.65

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5MHz	1RB-High (24)	1912.5 (26665)	16.01	16.01	16.08	16.08
		1882.5 (26365)	15.67	16.07	15.82	15.61
		1852.5 (26065)	15.73	16.03	15.78	16.09
	1RB-Middle (12)	1912.5 (26665)	16.02	16.04	16.13	15.90
		1882.5 (26365)	15.72	16.10	16.05	15.91
		1852.5 (26065)	15.73	16.03	15.87	15.72
	1RB-Low (0)	1912.5 (26665)	15.84	16.24	16.03	15.81
		1882.5 (26365)	15.73	15.99	15.93	15.63
		1852.5 (26065)	15.73	16.01	15.95	15.64
	12RB-High (13)	1912.5 (26665)	15.90	16.04	16.05	15.99
		1882.5 (26365)	15.75	15.87	15.91	15.90
		1852.5 (26065)	15.75	15.89	15.85	15.81
	12RB-Middle (6)	1912.5 (26665)	15.89	16.04	15.94	15.74
		1882.5 (26365)	15.74	15.96	15.85	16.09
		1852.5 (26065)	15.79	15.93	15.90	15.91
	12RB-Low (0)	1912.5 (26665)	15.85	15.94	15.97	15.69
		1882.5 (26365)	15.72	15.84	15.81	15.82
		1852.5 (26065)	15.74	15.88	15.86	15.86
	25RB (0)	1912.5 (26665)	15.90	16.01	15.91	15.66
		1882.5 (26365)	15.78	15.86	15.82	15.93
		1852.5 (26065)	15.69	15.91	15.77	15.91
10MHz	1RB-High (49)	1910 (26640)	15.91	16.11	16.20	15.69
		1882.5 (26365)	15.67	16.14	15.88	15.76
		1855 (26090)	15.67	16.25	15.98	16.03
	1RB-Middle (24)	1910 (26640)	15.89	16.01	16.07	15.74
		1882.5 (26365)	15.76	16.09	15.96	16.09
		1855 (26090)	15.75	16.10	15.95	15.62
	1RB-Low (0)	1910 (26640)	15.85	16.09	15.98	15.81
		1882.5 (26365)	15.64	16.04	16.00	16.05
		1855 (26090)	15.72	16.00	16.02	15.77
	25RB-High (25)	1910 (26640)	16.00	16.11	16.06	15.77
		1882.5 (26365)	15.76	15.82	15.79	15.91
		1855 (26090)	15.76	15.89	15.86	15.64
	25RB-Middle (12)	1910 (26640)	15.89	15.94	15.95	16.05
		1882.5 (26365)	15.75	15.90	15.87	16.03
		1855 (26090)	15.77	15.91	15.85	16.04
	25RB-Low (0)	1910 (26640)	15.80	15.93	15.92	15.90
		1882.5 (26365)	15.70	15.89	15.82	15.99
		1855 (26090)	15.73	15.85	15.89	15.81
	50RB (0)	1910 (26640)	15.87	15.95	15.91	16.08
		1882.5 (26365)	15.73	15.90	15.83	15.98
		1855 (26090)	15.73	15.86	15.80	15.83

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15MHz	1RB-High (74)	1907.5 (26615)	15.73	16.07	15.90	15.94
		1882.5 (26365)	15.49	15.86	15.74	15.93
		1857.5 (26115)	15.59	16.13	15.80	15.73
	1RB-Middle (37)	1907.5 (26615)	15.67	15.96	15.82	15.72
		1882.5 (26365)	15.51	16.05	15.67	16.09
		1857.5 (26115)	15.54	15.97	15.74	15.89
	1RB-Low (0)	1907.5 (26615)	15.56	15.91	15.74	16.04
		1882.5 (26365)	15.49	16.01	15.72	15.85
		1857.5 (26115)	15.42	15.87	15.70	15.97
	36RB-High (38)	1907.5 (26615)	15.82	15.90	15.86	15.79
		1882.5 (26365)	15.63	15.71	15.67	15.94
		1857.5 (26115)	15.56	15.78	15.66	15.92
	36RB-Middle (19)	1907.5 (26615)	15.79	15.84	15.90	15.98
		1882.5 (26365)	15.61	15.70	15.66	15.83
		1857.5 (26115)	15.61	15.75	15.72	15.67
	36RB-Low (0)	1907.5 (26615)	15.61	15.81	15.72	16.06
		1882.5 (26365)	15.54	15.69	15.56	15.65
		1857.5 (26115)	15.65	15.81	15.64	15.64
	75RB (0)	1907.5 (26615)	15.82	15.88	15.83	15.90
		1882.5 (26365)	15.61	15.70	15.67	16.09
		1857.5 (26115)	15.59	15.73	15.68	15.95
20MHz	1RB-High (99)	1905 (26590)	15.76	16.04	16.02	16.00
		1882.5 (26365)	15.73	16.13	15.99	16.03
		1860 (26140)	15.85	16.06	16.10	15.75
	1RB-Middle (50)	1905 (26590)	15.77	16.15	16.00	15.83
		1882.5 (26365)	15.76	16.16	15.79	16.02
		1860 (26140)	15.87	16.09	15.96	15.92
	1RB-Low (0)	1905 (26590)	15.80	16.10	15.80	15.80
		1882.5 (26365)	15.73	15.95	16.09	15.76
		1860 (26140)	15.66	16.03	15.81	16.10
	50RB-High (50)	1905 (26590)	15.81	15.87	15.94	15.82
		1882.5 (26365)	15.87	15.89	15.84	16.08
		1860 (26140)	15.90	15.91	15.91	16.01
	50RB-Middle (25)	1905 (26590)	15.85	15.80	15.84	15.68
		1882.5 (26365)	15.79	15.80	15.85	15.89
		1860 (26140)	15.84	15.86	15.90	15.86
	50RB-Low (0)	1905 (26590)	15.80	15.83	15.84	16.08
		1882.5 (26365)	15.88	15.98	15.90	15.99
		1860 (26140)	15.85	15.84	15.78	16.10
	100RB (0)	1905 (26590)	15.87	15.89	15.88	15.61
		1882.5 (26365)	15.77	15.84	15.80	15.97
		1860 (26140)	15.91	15.92	15.93	15.60

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LTE Band25(ANT0 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	20.32	20.71	20.66	16.79
		1882.5 (26365)	20.31	20.83	20.34	16.81
		1850.7 (26047)	20.29	20.80	20.54	16.75
	1RB-Middle (3)	1914.3 (26683)	20.60	20.78	20.54	16.74
		1882.5 (26365)	20.39	20.76	20.44	16.78
		1850.7 (26047)	20.30	20.76	20.44	17.12
	1RB-Low (0)	1914.3 (26683)	20.54	20.67	20.65	16.83
		1882.5 (26365)	20.32	20.72	20.36	16.74
		1850.7 (26047)	20.36	20.58	20.54	16.85
	3RB-High (3)	1914.3 (26683)	20.56	20.78	20.49	16.96
		1882.5 (26365)	20.37	20.57	20.34	16.97
		1850.7 (26047)	20.32	20.36	20.37	17.06
	3RB-Middle (1)	1914.3 (26683)	20.65	20.58	20.60	17.14
		1882.5 (26365)	20.36	20.43	20.43	17.10
		1850.7 (26047)	20.32	20.39	20.31	16.92
	3RB-Low (0)	1914.3 (26683)	20.63	20.62	20.59	17.05
		1882.5 (26365)	20.44	20.43	20.37	16.87
		1850.7 (26047)	20.35	20.44	20.44	16.79
	6RB (0)	1914.3 (26683)	20.57	20.10	20.09	17.03
		1882.5 (26365)	20.37	19.88	19.87	16.85
		1850.7 (26047)	20.38	19.85	19.85	17.18
3MHz	1RB-High (14)	1913.5 (26675)	20.57	20.74	20.77	16.86
		1882.5 (26365)	20.32	20.56	20.43	17.19
		1851.5 (26055)	20.24	20.74	20.53	16.82
	1RB-Middle (7)	1913.5 (26675)	20.61	20.69	20.71	16.75
		1882.5 (26365)	20.37	20.73	20.57	16.90
		1851.5 (26055)	20.32	20.73	20.52	16.94
	1RB-Low (0)	1913.5 (26675)	20.51	20.61	20.66	16.94
		1882.5 (26365)	20.34	20.73	20.39	16.71
		1851.5 (26055)	20.36	20.44	20.42	17.18
	8RB-High (7)	1913.5 (26675)	20.66	20.17	20.12	16.95
		1882.5 (26365)	20.38	19.96	19.91	17.11
		1851.5 (26055)	20.40	19.95	19.88	16.95
	8RB-Middle (4)	1913.5 (26675)	20.70	20.23	20.25	16.87
		1882.5 (26365)	20.47	19.97	19.96	17.12
		1851.5 (26055)	20.37	19.95	19.86	16.86
	8RB-Low (0)	1913.5 (26675)	20.54	20.10	20.04	17.05
		1882.5 (26365)	20.42	19.91	19.92	16.70
		1851.5 (26055)	20.41	19.93	19.81	16.74
	15RB (0)	1913.5 (26675)	20.57	19.95	20.03	17.07
		1882.5 (26365)	20.38	19.91	20.02	17.04
		1851.5 (26055)	20.35	19.88	19.85	16.82

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5MHz	1RB-High (24)	1912.5 (26665)	20.60	20.71	20.62	16.89
		1882.5 (26365)	20.36	20.63	20.54	16.77
		1852.5 (26065)	20.35	20.70	20.31	16.96
	1RB-Middle (12)	1912.5 (26665)	20.62	20.62	20.76	16.94
		1882.5 (26365)	20.46	20.63	20.54	16.99
		1852.5 (26065)	20.41	20.60	20.39	17.03
	1RB-Low (0)	1912.5 (26665)	20.52	20.63	20.66	16.99
		1882.5 (26365)	20.33	20.58	20.48	17.19
		1852.5 (26065)	20.32	20.74	20.41	16.81
	12RB-High (13)	1912.5 (26665)	20.68	20.10	20.21	16.78
		1882.5 (26365)	20.39	19.87	19.91	16.98
		1852.5 (26065)	20.41	19.97	19.90	16.86
	12RB-Middle (6)	1912.5 (26665)	20.58	20.10	20.07	17.10
		1882.5 (26365)	20.43	19.97	19.87	16.93
		1852.5 (26065)	20.40	19.97	19.94	17.06
	12RB-Low (0)	1912.5 (26665)	20.55	19.99	20.07	17.00
		1882.5 (26365)	20.39	19.87	19.88	17.07
		1852.5 (26065)	20.43	19.92	19.89	17.19
	25RB (0)	1912.5 (26665)	20.50	20.07	20.11	17.05
		1882.5 (26365)	20.39	19.89	19.83	17.10
		1852.5 (26065)	20.37	19.89	19.92	17.08
10MHz	1RB-High (49)	1910 (26640)	20.29	20.72	20.71	16.77
		1882.5 (26365)	20.31	20.71	20.44	16.72
		1855 (26090)	20.36	20.35	20.31	17.15
	1RB-Middle (24)	1910 (26640)	20.59	20.56	20.60	16.89
		1882.5 (26365)	20.38	20.65	20.52	16.94
		1855 (26090)	20.32	20.73	20.43	16.82
	1RB-Low (0)	1910 (26640)	20.50	20.69	20.41	16.88
		1882.5 (26365)	20.30	20.56	20.42	16.73
		1855 (26090)	20.29	20.61	20.49	17.06
	25RB-High (25)	1910 (26640)	20.66	20.10	20.09	16.83
		1882.5 (26365)	20.35	19.92	19.88	17.00
		1855 (26090)	20.42	19.96	19.90	17.00
	25RB-Middle (12)	1910 (26640)	20.49	20.10	19.97	17.10
		1882.5 (26365)	20.39	19.91	19.95	16.99
		1855 (26090)	20.36	19.89	19.89	17.07
	25RB-Low (0)	1910 (26640)	20.53	19.93	19.98	17.03
		1882.5 (26365)	20.30	19.76	19.79	16.71
		1855 (26090)	20.40	19.91	19.92	16.95
	50RB (0)	1910 (26640)	20.48	19.94	20.03	16.88
		1882.5 (26365)	20.39	19.91	19.92	16.99
		1855 (26090)	20.32	19.95	19.93	17.05

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15MHz	1RB-High (74)	1907.5 (26615)	20.36	20.82	20.53	16.91
		1882.5 (26365)	20.12	20.44	20.17	17.02
		1857.5 (26115)	20.26	20.49	20.20	16.88
	1RB-Middle (37)	1907.5 (26615)	20.24	20.50	20.39	16.92
		1882.5 (26365)	20.14	20.37	20.34	17.10
		1857.5 (26115)	20.02	20.42	20.26	17.12
	1RB-Low (0)	1907.5 (26615)	20.20	20.45	20.30	16.76
		1882.5 (26365)	20.12	20.53	20.26	17.15
		1857.5 (26115)	20.12	20.58	20.32	16.70
	36RB-High (38)	1907.5 (26615)	20.38	19.99	19.92	16.74
		1882.5 (26365)	20.28	19.73	19.76	17.03
		1857.5 (26115)	20.32	19.68	19.75	16.73
	36RB-Middle (19)	1907.5 (26615)	20.42	19.91	19.86	16.70
		1882.5 (26365)	20.23	19.74	19.72	16.84
		1857.5 (26115)	20.24	19.76	19.76	17.12
	36RB-Low (0)	1907.5 (26615)	20.26	19.78	19.78	16.83
		1882.5 (26365)	20.15	19.73	19.61	16.80
		1857.5 (26115)	20.28	19.83	19.73	16.76
	75RB (0)	1907.5 (26615)	20.39	19.90	19.83	17.13
		1882.5 (26365)	20.24	19.72	19.74	16.91
		1857.5 (26115)	20.23	19.76	19.76	16.73
20MHz	1RB-High (99)	1905 (26590)	20.31	20.51	20.07	16.75
		1882.5 (26365)	20.01	20.39	19.80	16.76
		1860 (26140)	20.24	20.52	19.94	16.70
	1RB-Middle (50)	1905 (26590)	20.11	20.45	19.92	16.72
		1882.5 (26365)	20.19	20.36	19.86	17.09
		1860 (26140)	20.14	20.47	19.85	17.07
	1RB-Low (0)	1905 (26590)	20.10	20.27	19.68	16.72
		1882.5 (26365)	20.06	20.33	19.93	17.00
		1860 (26140)	20.11	20.39	19.78	16.99
	50RB-High (50)	1905 (26590)	20.41	19.94	18.83	16.80
		1882.5 (26365)	20.14	19.59	18.68	17.08
		1860 (26140)	20.17	19.73	18.76	16.93
	50RB-Middle (25)	1905 (26590)	20.32	19.84	18.79	16.86
		1882.5 (26365)	20.28	19.72	18.73	17.14
		1860 (26140)	20.21	19.77	18.73	17.18
	50RB-Low (0)	1905 (26590)	20.15	19.70	18.78	16.92
		1882.5 (26365)	20.07	19.68	18.66	17.15
		1860 (26140)	20.23	19.74	18.74	16.71
	100RB (0)	1905 (26590)	20.37	19.88	18.89	17.06
		1882.5 (26365)	20.21	19.77	18.68	16.73
		1860 (26140)	20.25	19.79	18.82	17.15

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LTE Band25(ANT0 DSI 9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	17.22	17.54	17.60	16.78
		1882.5 (26365)	17.19	17.62	17.35	16.81
		1850.7 (26047)	17.20	17.53	17.29	16.96
	1RB-Middle (3)	1914.3 (26683)	17.48	17.54	17.64	16.89
		1882.5 (26365)	17.26	17.43	17.46	17.14
		1850.7 (26047)	17.28	17.44	17.41	16.90
	1RB-Low (0)	1914.3 (26683)	17.45	17.54	17.55	17.04
		1882.5 (26365)	17.26	17.61	17.21	16.81
		1850.7 (26047)	17.19	17.70	17.36	17.17
	3RB-High (3)	1914.3 (26683)	17.52	17.59	17.56	16.73
		1882.5 (26365)	17.35	17.47	17.33	16.95
		1850.7 (26047)	17.26	17.33	17.31	16.79
	3RB-Middle (1)	1914.3 (26683)	17.50	17.67	17.53	16.95
		1882.5 (26365)	17.27	17.32	17.35	16.81
		1850.7 (26047)	17.26	17.51	17.32	16.86
	3RB-Low (0)	1914.3 (26683)	17.48	17.67	17.54	17.18
		1882.5 (26365)	17.28	17.46	17.53	17.13
		1850.7 (26047)	17.30	17.29	17.44	17.01
	6RB (0)	1914.3 (26683)	17.44	17.52	17.55	16.76
		1882.5 (26365)	17.29	17.36	17.35	17.00
		1850.7 (26047)	17.26	17.40	17.26	17.10
3MHz	1RB-High (14)	1913.5 (26675)	17.48	17.55	17.52	17.06
		1882.5 (26365)	17.23	17.56	17.46	16.86
		1851.5 (26055)	17.19	17.50	17.49	16.77
	1RB-Middle (7)	1913.5 (26675)	17.50	17.59	17.54	16.83
		1882.5 (26365)	17.23	17.55	17.50	17.16
		1851.5 (26055)	17.28	17.45	17.34	16.99
	1RB-Low (0)	1913.5 (26675)	17.45	17.61	17.55	17.17
		1882.5 (26365)	17.21	17.54	17.32	16.79
		1851.5 (26055)	17.11	17.48	17.40	17.00
	8RB-High (7)	1913.5 (26675)	17.55	17.55	17.52	16.83
		1882.5 (26365)	17.31	17.32	17.28	16.71
		1851.5 (26055)	17.31	17.40	17.33	17.14
	8RB-Middle (4)	1913.5 (26675)	17.51	17.62	17.61	16.90
		1882.5 (26365)	17.39	17.41	17.35	17.00
		1851.5 (26055)	17.31	17.41	17.38	16.87
	8RB-Low (0)	1913.5 (26675)	17.45	17.52	17.47	17.16
		1882.5 (26365)	17.37	17.35	17.35	16.97
		1851.5 (26055)	17.33	17.32	17.33	17.12
	15RB (0)	1913.5 (26675)	17.37	17.60	17.44	16.80
		1882.5 (26365)	17.31	17.30	17.37	17.11
		1851.5 (26055)	17.27	17.40	17.24	16.91

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5MHz	1RB-High (24)	1912.5 (26665)	17.57	17.47	17.57	17.18
		1882.5 (26365)	17.16	17.51	17.39	16.93
		1852.5 (26065)	17.25	17.50	17.50	17.00
	1RB-Middle (12)	1912.5 (26665)	17.51	17.70	17.53	17.01
		1882.5 (26365)	17.39	17.65	17.48	16.84
		1852.5 (26065)	17.30	17.64	17.45	16.96
	1RB-Low (0)	1912.5 (26665)	17.41	17.67	17.60	16.71
		1882.5 (26365)	17.23	17.62	17.30	17.13
		1852.5 (26065)	17.14	17.53	17.34	17.00
	12RB-High (13)	1912.5 (26665)	17.55	17.57	17.56	16.75
		1882.5 (26365)	17.32	17.29	17.31	16.91
		1852.5 (26065)	17.29	17.32	17.31	16.75
	12RB-Middle (6)	1912.5 (26665)	17.48	17.55	17.57	16.82
		1882.5 (26365)	17.38	17.42	17.39	16.88
		1852.5 (26065)	17.36	17.39	17.34	17.13
	12RB-Low (0)	1912.5 (26665)	17.42	17.40	17.44	17.11
		1882.5 (26365)	17.28	17.36	17.35	17.10
		1852.5 (26065)	17.28	17.32	17.28	16.84
	25RB (0)	1912.5 (26665)	17.49	17.49	17.49	17.18
		1882.5 (26365)	17.34	17.22	17.32	16.89
		1852.5 (26065)	17.33	17.35	17.34	17.15
10MHz	1RB-High (49)	1910 (26640)	17.31	17.65	17.58	16.73
		1882.5 (26365)	17.30	17.55	17.29	16.91
		1855 (26090)	17.24	17.64	17.49	16.77
	1RB-Middle (24)	1910 (26640)	17.30	17.42	17.64	17.10
		1882.5 (26365)	17.28	17.54	17.45	16.90
		1855 (26090)	17.28	17.66	17.48	16.99
	1RB-Low (0)	1910 (26640)	17.34	17.45	17.50	16.78
		1882.5 (26365)	17.31	17.42	17.42	16.73
		1855 (26090)	17.31	17.62	17.27	17.13
	25RB-High (25)	1910 (26640)	17.54	17.58	17.55	16.74
		1882.5 (26365)	17.31	17.29	17.32	17.00
		1855 (26090)	17.36	17.29	17.30	17.01
	25RB-Middle (12)	1910 (26640)	17.46	17.56	17.47	16.76
		1882.5 (26365)	17.37	17.40	17.39	16.84
		1855 (26090)	17.33	17.34	17.36	16.87
	25RB-Low (0)	1910 (26640)	17.41	17.30	17.38	16.82
		1882.5 (26365)	17.24	17.22	17.23	16.82
		1855 (26090)	17.30	17.28	17.38	17.02
	50RB (0)	1910 (26640)	17.45	17.49	17.49	16.87
		1882.5 (26365)	17.26	17.24	17.26	17.19
		1855 (26090)	17.34	17.36	17.27	16.87

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15MHz	1RB-High (74)	1907.5 (26615)	17.30	17.63	17.33	16.77
		1882.5 (26365)	17.01	17.52	17.34	16.91
		1857.5 (26115)	17.16	17.45	17.61	16.74
	1RB-Middle (37)	1907.5 (26615)	17.25	17.58	17.35	17.07
		1882.5 (26365)	17.07	17.37	17.23	16.90
		1857.5 (26115)	17.12	17.32	17.25	16.86
	1RB-Low (0)	1907.5 (26615)	17.14	17.34	17.23	17.20
		1882.5 (26365)	17.05	17.60	17.02	17.20
		1857.5 (26115)	17.05	17.35	17.46	17.08
	36RB-High (38)	1907.5 (26615)	17.46	17.51	17.52	16.73
		1882.5 (26365)	17.23	17.17	17.16	17.15
		1857.5 (26115)	17.18	17.18	17.17	17.12
	36RB-Middle (19)	1907.5 (26615)	17.28	17.32	17.33	17.16
		1882.5 (26365)	17.24	17.18	17.13	16.70
		1857.5 (26115)	17.21	17.13	17.14	17.12
	36RB-Low (0)	1907.5 (26615)	17.22	17.22	17.09	16.72
		1882.5 (26365)	17.17	17.08	17.18	17.08
		1857.5 (26115)	17.16	17.20	17.11	16.94
	75RB (0)	1907.5 (26615)	17.34	17.23	17.34	16.81
		1882.5 (26365)	17.25	17.16	17.17	17.07
		1857.5 (26115)	17.21	17.14	17.20	16.70
20MHz	1RB-High (99)	1905 (26590)	17.27	17.43	17.50	16.84
		1882.5 (26365)	17.03	17.44	17.14	17.15
		1860 (26140)	17.06	17.35	17.27	17.13
	1RB-Middle (50)	1905 (26590)	17.09	17.23	17.47	17.20
		1882.5 (26365)	17.03	17.33	17.34	17.07
		1860 (26140)	16.99	17.43	17.28	16.96
	1RB-Low (0)	1905 (26590)	17.03	17.35	17.13	17.07
		1882.5 (26365)	16.94	17.32	17.15	17.09
		1860 (26140)	17.04	17.30	17.28	17.04
	50RB-High (50)	1905 (26590)	17.29	17.29	17.20	16.93
		1882.5 (26365)	17.13	17.04	17.18	17.13
		1860 (26140)	17.17	17.09	17.07	17.11
	50RB-Middle (25)	1905 (26590)	17.23	17.28	17.25	16.87
		1882.5 (26365)	17.18	17.16	17.13	16.88
		1860 (26140)	17.17	17.12	17.18	16.98
	50RB-Low (0)	1905 (26590)	17.08	17.03	17.06	16.79
		1882.5 (26365)	17.09	17.01	17.09	17.15
		1860 (26140)	17.12	17.21	17.13	16.70
	100RB (0)	1905 (26590)	17.36	17.19	17.16	16.74
		1882.5 (26365)	17.21	17.12	17.16	16.89
		1860 (26140)	17.18	17.19	17.10	17.05

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LTE Band25(ANT5 DSI 4/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	20.11	20.46	20.27	19.29
		1882.5 (26365)	20.17	20.52	20.48	18.82
		1850.7 (26047)	20.18	20.53	20.17	19.24
	1RB-Middle (3)	1914.3 (26683)	20.18	20.48	20.37	19.25
		1882.5 (26365)	20.17	20.43	20.39	19.03
		1850.7 (26047)	20.08	20.68	20.40	19.01
	1RB-Low (0)	1914.3 (26683)	20.00	20.43	20.13	19.13
		1882.5 (26365)	20.27	20.50	20.34	19.03
		1850.7 (26047)	20.06	20.55	20.29	19.25
	3RB-High (3)	1914.3 (26683)	20.18	20.34	20.18	18.84
		1882.5 (26365)	20.23	20.49	20.13	19.18
		1850.7 (26047)	20.25	20.36	20.19	18.96
	3RB-Middle (1)	1914.3 (26683)	20.11	20.35	20.07	19.22
		1882.5 (26365)	20.26	20.46	20.21	18.98
		1850.7 (26047)	20.33	20.43	20.30	19.17
	3RB-Low (0)	1914.3 (26683)	20.20	20.28	20.10	19.16
		1882.5 (26365)	20.21	20.37	20.37	19.29
		1850.7 (26047)	20.18	20.40	20.26	19.14
	6RB (0)	1914.3 (26683)	20.17	20.21	20.14	19.23
		1882.5 (26365)	20.23	20.24	20.20	19.26
		1850.7 (26047)	20.21	20.32	20.14	19.03
3MHz	1RB-High (14)	1913.5 (26675)	20.08	20.35	20.20	19.25
		1882.5 (26365)	20.11	20.55	20.28	18.86
		1851.5 (26055)	20.28	20.58	20.29	19.20
	1RB-Middle (7)	1913.5 (26675)	20.25	20.49	20.34	18.81
		1882.5 (26365)	20.19	20.45	20.25	19.28
		1851.5 (26055)	20.14	20.56	20.44	19.13
	1RB-Low (0)	1913.5 (26675)	20.22	20.39	20.12	18.93
		1882.5 (26365)	20.10	20.32	20.26	19.01
		1851.5 (26055)	20.16	20.46	20.14	19.27
	8RB-High (7)	1913.5 (26675)	20.28	20.27	20.18	19.12
		1882.5 (26365)	20.27	20.37	20.30	19.12
		1851.5 (26055)	20.30	20.34	20.25	19.05
	8RB-Middle (4)	1913.5 (26675)	20.26	20.20	20.20	19.11
		1882.5 (26365)	20.30	20.34	20.21	19.06
		1851.5 (26055)	20.28	20.39	20.22	18.99
	8RB-Low (0)	1913.5 (26675)	20.18	20.23	20.17	19.20
		1882.5 (26365)	20.34	20.26	20.23	18.93
		1851.5 (26055)	20.22	20.29	20.28	19.16
	15RB (0)	1913.5 (26675)	20.18	20.16	20.23	19.16
		1882.5 (26365)	20.24	20.24	20.22	19.09
		1851.5 (26055)	20.16	20.26	20.19	19.06

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5MHz	1RB-High (24)	1912.5 (26665)	20.17	20.52	20.21	19.23
		1882.5 (26365)	20.19	20.57	20.31	19.09
		1852.5 (26065)	20.14	20.32	20.27	18.95
	1RB-Middle (12)	1912.5 (26665)	20.40	20.43	20.37	19.17
		1882.5 (26365)	20.24	20.53	20.49	18.97
		1852.5 (26065)	20.24	20.53	20.42	19.20
	1RB-Low (0)	1912.5 (26665)	20.25	20.44	20.17	18.91
		1882.5 (26365)	20.10	20.64	20.16	18.87
		1852.5 (26065)	20.09	20.66	20.31	18.96
	12RB-High (13)	1912.5 (26665)	20.24	20.17	20.19	18.97
		1882.5 (26365)	20.31	20.26	20.24	19.22
		1852.5 (26065)	20.23	20.17	20.24	19.16
	12RB-Middle (6)	1912.5 (26665)	20.20	20.05	20.17	18.85
		1882.5 (26365)	20.28	20.29	20.29	19.13
		1852.5 (26065)	20.32	20.40	20.24	18.98
	12RB-Low (0)	1912.5 (26665)	20.09	20.13	20.08	19.08
		1882.5 (26365)	20.23	20.10	20.15	19.10
		1852.5 (26065)	20.21	20.20	20.27	19.24
	25RB (0)	1912.5 (26665)	20.13	20.15	20.06	19.03
		1882.5 (26365)	20.18	20.20	20.22	19.14
		1852.5 (26065)	20.27	20.31	20.21	18.86
10MHz	1RB-High (49)	1910 (26640)	20.18	20.47	20.13	19.19
		1882.5 (26365)	20.24	20.39	20.17	18.90
		1855 (26090)	20.26	20.62	20.46	18.94
	1RB-Middle (24)	1910 (26640)	20.11	20.40	20.18	18.99
		1882.5 (26365)	20.34	20.42	20.25	19.12
		1855 (26090)	20.32	20.44	20.32	18.80
	1RB-Low (0)	1910 (26640)	20.11	20.57	20.26	18.92
		1882.5 (26365)	20.24	20.61	20.56	18.87
		1855 (26090)	20.23	20.56	20.20	18.81
	25RB-High (25)	1910 (26640)	20.25	20.17	20.23	18.98
		1882.5 (26365)	20.33	20.26	20.24	18.96
		1855 (26090)	20.32	20.17	20.25	18.93
	25RB-Middle (12)	1910 (26640)	20.26	20.21	20.16	18.94
		1882.5 (26365)	20.24	20.18	20.19	18.90
		1855 (26090)	20.30	20.25	20.24	19.29
	25RB-Low (0)	1910 (26640)	20.23	20.13	20.18	18.84
		1882.5 (26365)	20.21	20.11	20.22	18.88
		1855 (26090)	20.21	20.23	20.30	19.21
	50RB (0)	1910 (26640)	20.25	20.15	20.19	19.23
		1882.5 (26365)	20.26	20.07	20.15	19.19
		1855 (26090)	20.32	20.23	20.27	19.18

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15MHz	1RB-High (74)	1907.5 (26615)	20.05	20.22	19.93	19.25
		1882.5 (26365)	20.01	20.01	20.04	19.29
		1857.5 (26115)	20.07	20.49	20.30	19.01
	1RB-Middle (37)	1907.5 (26615)	20.11	20.27	20.05	19.14
		1882.5 (26365)	20.03	20.25	20.52	18.83
		1857.5 (26115)	19.94	20.25	20.02	18.84
	1RB-Low (0)	1907.5 (26615)	19.92	20.54	19.92	19.07
		1882.5 (26365)	19.84	20.58	20.17	19.08
		1857.5 (26115)	20.07	20.65	20.22	19.02
	36RB-High (38)	1907.5 (26615)	20.09	20.15	20.03	19.15
		1882.5 (26365)	20.12	20.10	20.18	19.29
		1857.5 (26115)	20.14	20.13	20.09	19.02
	36RB-Middle (19)	1907.5 (26615)	20.01	20.08	20.00	19.24
		1882.5 (26365)	20.05	20.03	20.08	19.05
		1857.5 (26115)	20.07	20.16	20.11	19.11
	36RB-Low (0)	1907.5 (26615)	20.14	20.04	20.02	18.97
		1882.5 (26365)	20.12	20.06	19.97	18.86
		1857.5 (26115)	20.17	20.09	19.96	19.06
	75RB (0)	1907.5 (26615)	20.10	20.00	20.04	19.12
		1882.5 (26365)	20.08	20.09	20.03	19.28
		1857.5 (26115)	20.12	20.09	20.15	18.98
20MHz	1RB-High (99)	1905 (26590)	20.14	20.23	20.07	19.10
		1882.5 (26365)	20.08	20.22	19.95	18.93
		1860 (26140)	19.99	20.26	20.19	18.84
	1RB-Middle (50)	1905 (26590)	19.97	20.50	20.48	18.99
		1882.5 (26365)	20.01	20.36	20.25	18.94
		1860 (26140)	19.91	20.27	20.36	19.03
	1RB-Low (0)	1905 (26590)	20.05	20.28	20.04	18.96
		1882.5 (26365)	20.06	20.36	20.15	18.90
		1860 (26140)	19.89	20.31	20.03	18.94
	50RB-High (50)	1905 (26590)	20.20	20.05	20.16	19.27
		1882.5 (26365)	20.18	20.15	20.09	18.95
		1860 (26140)	20.10	20.05	20.13	18.94
	50RB-Middle (25)	1905 (26590)	20.01	20.17	20.04	18.85
		1882.5 (26365)	20.01	20.03	20.06	19.13
		1860 (26140)	20.15	20.11	20.13	18.84
	50RB-Low (0)	1905 (26590)	20.09	20.07	20.12	19.25
		1882.5 (26365)	20.08	20.00	20.08	18.98
		1860 (26140)	20.04	20.02	20.04	19.28
	100RB (0)	1905 (26590)	20.06	20.11	20.10	19.14
		1882.5 (26365)	20.13	20.13	20.05	19.30
		1860 (26140)	20.09	20.13	20.08	19.03

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LTE Band25(ANT5 DSI 9/10/14/15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	18.25	18.52	18.43	18.00
		1882.5 (26365)	18.18	18.61	18.49	18.25
		1850.7 (26047)	18.21	18.55	18.37	18.21
	1RB-Middle (3)	1914.3 (26683)	18.23	18.50	18.36	17.81
		1882.5 (26365)	18.21	18.55	18.38	17.95
		1850.7 (26047)	18.19	18.54	18.43	17.88
	1RB-Low (0)	1914.3 (26683)	18.27	18.66	18.27	17.82
		1882.5 (26365)	18.21	18.53	18.36	18.15
		1850.7 (26047)	18.26	18.61	18.43	18.00
	3RB-High (3)	1914.3 (26683)	18.29	18.48	18.38	18.12
		1882.5 (26365)	18.27	18.57	18.41	18.10
		1850.7 (26047)	18.34	18.34	18.31	18.15
	3RB-Middle (1)	1914.3 (26683)	18.28	18.47	18.35	18.04
		1882.5 (26365)	18.35	18.55	18.42	18.18
		1850.7 (26047)	18.27	18.49	18.30	18.22
	3RB-Low (0)	1914.3 (26683)	18.20	18.37	18.41	18.21
		1882.5 (26365)	18.31	18.50	18.34	17.81
		1850.7 (26047)	18.26	18.52	18.31	18.13
	6RB (0)	1914.3 (26683)	18.18	18.29	18.29	18.02
		1882.5 (26365)	18.27	18.37	18.39	18.01
		1850.7 (26047)	18.29	18.32	18.30	18.27
3MHz	1RB-High (14)	1913.5 (26675)	18.18	18.69	18.29	17.90
		1882.5 (26365)	18.20	18.57	18.55	18.20
		1851.5 (26055)	18.16	18.56	18.46	17.87
	1RB-Middle (7)	1913.5 (26675)	18.37	18.56	18.48	18.06
		1882.5 (26365)	18.31	18.62	18.51	17.92
		1851.5 (26055)	18.27	18.63	18.45	17.98
	1RB-Low (0)	1913.5 (26675)	18.20	18.62	18.43	17.96
		1882.5 (26365)	18.31	18.68	18.48	18.12
		1851.5 (26055)	18.16	18.60	18.36	18.17
	8RB-High (7)	1913.5 (26675)	18.27	18.45	18.32	18.00
		1882.5 (26365)	18.40	18.52	18.43	17.96
		1851.5 (26055)	18.29	18.43	18.37	17.82
	8RB-Middle (4)	1913.5 (26675)	18.33	18.43	18.38	18.20
		1882.5 (26365)	18.41	18.54	18.47	18.23
		1851.5 (26055)	18.37	18.44	18.33	17.97
	8RB-Low (0)	1913.5 (26675)	18.32	18.42	18.36	18.27
		1882.5 (26365)	18.34	18.47	18.41	18.09
		1851.5 (26055)	18.31	18.50	18.31	18.12
	15RB (0)	1913.5 (26675)	18.30	18.27	18.35	17.87
		1882.5 (26365)	18.37	18.36	18.41	18.23
		1851.5 (26055)	18.34	18.40	18.32	18.20

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5MHz	1RB-High (24)	1912.5 (26665)	18.22	18.63	18.53	17.81
		1882.5 (26365)	18.35	18.54	18.36	17.90
		1852.5 (26065)	18.21	18.60	18.33	18.19
	1RB-Middle (12)	1912.5 (26665)	18.26	18.66	18.24	18.09
		1882.5 (26365)	18.34	18.67	18.42	18.09
		1852.5 (26065)	18.31	18.57	18.61	17.96
	1RB-Low (0)	1912.5 (26665)	18.22	18.53	18.32	18.09
		1882.5 (26365)	18.19	18.53	18.51	17.81
		1852.5 (26065)	18.24	18.65	18.33	18.19
	12RB-High (13)	1912.5 (26665)	18.34	18.33	18.38	17.94
		1882.5 (26365)	18.39	18.39	18.43	18.11
		1852.5 (26065)	18.37	18.44	18.40	18.28
	12RB-Middle (6)	1912.5 (26665)	18.36	18.40	18.39	18.08
		1882.5 (26365)	18.40	18.46	18.41	17.80
		1852.5 (26065)	18.38	18.43	18.45	18.11
	12RB-Low (0)	1912.5 (26665)	18.22	18.25	18.30	18.19
		1882.5 (26365)	18.23	18.46	18.30	18.18
		1852.5 (26065)	18.35	18.30	18.35	18.03
	25RB (0)	1912.5 (26665)	18.24	18.20	18.28	18.01
		1882.5 (26365)	18.32	18.40	18.19	17.92
		1852.5 (26065)	18.36	18.44	18.36	18.30
10MHz	1RB-High (49)	1910 (26640)	18.29	18.61	18.40	18.16
		1882.5 (26365)	18.26	18.60	18.60	17.84
		1855 (26090)	18.21	18.53	18.40	18.12
	1RB-Middle (24)	1910 (26640)	18.33	18.63	18.41	17.85
		1882.5 (26365)	18.48	18.56	18.48	17.96
		1855 (26090)	18.28	18.70	18.49	18.11
	1RB-Low (0)	1910 (26640)	18.36	18.51	18.44	18.22
		1882.5 (26365)	18.19	18.51	18.44	18.12
		1855 (26090)	18.28	18.56	18.52	18.08
	25RB-High (25)	1910 (26640)	18.32	18.44	18.32	17.92
		1882.5 (26365)	18.37	18.42	18.39	17.81
		1855 (26090)	18.32	18.31	18.38	17.97
	25RB-Middle (12)	1910 (26640)	18.32	18.41	18.40	18.11
		1882.5 (26365)	18.25	18.31	18.34	18.16
		1855 (26090)	18.34	18.44	18.43	18.11
	25RB-Low (0)	1910 (26640)	18.28	18.42	18.32	17.89
		1882.5 (26365)	18.31	18.37	18.25	17.83
		1855 (26090)	18.25	18.31	18.34	17.81
	50RB (0)	1910 (26640)	18.33	18.32	18.35	18.21
		1882.5 (26365)	18.29	18.27	18.28	18.20
		1855 (26090)	18.35	18.37	18.30	17.86

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15MHz	1RB-High (74)	1907.5 (26615)	17.92	18.37	18.27	18.12
		1882.5 (26365)	18.09	18.63	18.25	18.14
		1857.5 (26115)	18.07	18.45	18.28	17.81
	1RB-Middle (37)	1907.5 (26615)	18.12	18.48	18.07	18.26
		1882.5 (26365)	18.14	18.22	18.25	18.25
		1857.5 (26115)	18.18	18.38	18.32	18.04
	1RB-Low (0)	1907.5 (26615)	18.02	18.45	18.51	17.93
		1882.5 (26365)	18.09	18.53	18.16	17.91
		1857.5 (26115)	18.10	18.68	18.26	18.21
	36RB-High (38)	1907.5 (26615)	18.16	18.20	18.23	17.92
		1882.5 (26365)	18.23	18.21	18.23	18.10
		1857.5 (26115)	18.22	18.27	18.32	18.10
	36RB-Middle (19)	1907.5 (26615)	18.05	18.10	18.10	18.22
		1882.5 (26365)	18.16	18.20	18.25	18.12
		1857.5 (26115)	18.21	18.23	18.20	18.20
	36RB-Low (0)	1907.5 (26615)	18.14	18.14	18.23	17.97
		1882.5 (26365)	18.13	18.18	18.16	17.87
		1857.5 (26115)	18.23	18.21	18.24	17.98
	75RB (0)	1907.5 (26615)	18.08	18.17	18.11	17.81
		1882.5 (26365)	18.14	18.18	18.17	17.87
		1857.5 (26115)	18.17	18.26	18.22	18.18
20MHz	1RB-High (99)	1905 (26590)	18.14	18.23	18.33	17.98
		1882.5 (26365)	18.00	18.46	18.27	18.14
		1860 (26140)	18.07	18.34	18.31	18.20
	1RB-Middle (50)	1905 (26590)	18.10	18.46	18.27	18.26
		1882.5 (26365)	18.08	18.48	18.23	18.14
		1860 (26140)	18.07	18.24	18.37	17.80
	1RB-Low (0)	1905 (26590)	18.15	18.36	18.44	18.09
		1882.5 (26365)	18.10	18.31	18.29	18.10
		1860 (26140)	18.23	18.34	18.29	18.23
	50RB-High (50)	1905 (26590)	18.21	18.20	18.21	18.20
		1882.5 (26365)	18.24	18.28	18.28	18.08
		1860 (26140)	18.21	18.22	18.21	18.04
	50RB-Middle (25)	1905 (26590)	18.14	18.21	18.19	18.17
		1882.5 (26365)	18.15	18.19	18.18	18.26
		1860 (26140)	18.18	18.20	18.25	17.83
	50RB-Low (0)	1905 (26590)	18.07	18.18	18.19	18.20
		1882.5 (26365)	18.09	18.17	18.15	17.87
		1860 (26140)	18.09	18.14	18.18	18.02
	100RB (0)	1905 (26590)	18.28	18.16	18.21	17.96
		1882.5 (26365)	18.26	18.17	18.21	17.86
		1860 (26140)	18.20	18.17	18.14	18.02

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LTE Band25(ANT6 DSI 5/9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	17.54	17.95	17.97	17.89
		1882.5 (26365)	17.42	17.77	17.88	17.64
		1850.7 (26047)	17.31	17.57	17.65	17.60
	1RB-Middle (3)	1914.3 (26683)	17.63	17.94	17.94	17.75
		1882.5 (26365)	17.53	17.84	17.70	17.73
		1850.7 (26047)	17.35	17.62	17.68	17.84
	1RB-Low (0)	1914.3 (26683)	17.60	17.92	17.96	17.72
		1882.5 (26365)	17.42	17.80	17.78	17.88
		1850.7 (26047)	17.26	17.71	17.69	17.80
	3RB-High (3)	1914.3 (26683)	17.59	17.77	17.92	17.89
		1882.5 (26365)	17.50	17.67	17.83	17.79
		1850.7 (26047)	17.35	17.53	17.65	17.86
	3RB-Middle (1)	1914.3 (26683)	17.63	17.68	17.90	17.61
		1882.5 (26365)	17.47	17.65	17.73	17.87
		1850.7 (26047)	17.39	17.47	17.61	17.88
	3RB-Low (0)	1914.3 (26683)	17.64	17.58	17.90	17.89
		1882.5 (26365)	17.52	17.69	17.80	17.88
		1850.7 (26047)	17.35	17.41	17.65	17.72
	6RB (0)	1914.3 (26683)	17.63	17.68	17.81	17.76
		1882.5 (26365)	17.46	17.56	17.75	17.65
		1850.7 (26047)	17.38	17.45	17.52	17.62
3MHz	1RB-High (14)	1913.5 (26675)	17.57	17.88	17.97	17.72
		1882.5 (26365)	17.41	17.65	17.83	17.73
		1851.5 (26055)	17.34	17.61	17.80	17.63
	1RB-Middle (7)	1913.5 (26675)	17.67	17.87	17.95	17.79
		1882.5 (26365)	17.49	17.80	17.92	17.82
		1851.5 (26055)	17.40	17.60	17.63	17.64
	1RB-Low (0)	1913.5 (26675)	17.52	17.79	17.86	17.72
		1882.5 (26365)	17.44	17.88	17.80	17.82
		1851.5 (26055)	17.31	17.63	17.64	17.81
	8RB-High (7)	1913.5 (26675)	17.62	17.77	17.85	17.83
		1882.5 (26365)	17.55	17.53	17.74	17.65
		1851.5 (26055)	17.39	17.42	17.65	17.66
	8RB-Middle (4)	1913.5 (26675)	17.66	17.72	17.91	17.84
		1882.5 (26365)	17.58	17.59	17.81	17.78
		1851.5 (26055)	17.41	17.46	17.65	17.85
	8RB-Low (0)	1913.5 (26675)	17.58	17.69	17.79	17.73
		1882.5 (26365)	17.57	17.58	17.78	17.79
		1851.5 (26055)	17.42	17.34	17.62	17.65
	15RB (0)	1913.5 (26675)	17.60	17.62	17.81	17.75
		1882.5 (26365)	17.57	17.55	17.77	17.90
		1851.5 (26055)	17.40	17.39	17.62	17.89

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5MHz	1RB-High (24)	1912.5 (26665)	17.64	17.95	17.86	17.71
		1882.5 (26365)	17.65	17.94	17.99	17.78
		1852.5 (26065)	17.61	17.74	17.86	17.68
	1RB-Middle (12)	1912.5 (26665)	17.71	17.86	17.99	17.79
		1882.5 (26365)	17.61	17.87	17.82	17.74
		1852.5 (26065)	17.65	17.76	17.74	17.82
	1RB-Low (0)	1912.5 (26665)	17.66	17.89	17.98	17.67
		1882.5 (26365)	17.53	17.82	17.86	17.81
		1852.5 (26065)	17.58	17.62	17.64	17.75
	12RB-High (13)	1912.5 (26665)	17.71	17.74	17.96	17.80
		1882.5 (26365)	17.72	17.56	17.82	17.66
		1852.5 (26065)	17.70	17.41	17.63	17.65
	12RB-Middle (6)	1912.5 (26665)	17.73	17.71	17.80	17.65
		1882.5 (26365)	17.73	17.64	17.86	17.63
		1852.5 (26065)	17.73	17.48	17.69	17.78
	12RB-Low (0)	1912.5 (26665)	17.66	17.66	17.86	17.90
		1882.5 (26365)	17.67	17.60	17.80	17.65
		1852.5 (26065)	17.62	17.41	17.61	17.62
	25RB (0)	1912.5 (26665)	17.69	17.77	17.82	17.86
		1882.5 (26365)	17.69	17.51	17.80	17.86
		1852.5 (26065)	17.69	17.45	17.59	17.82
10MHz	1RB-High (49)	1910 (26640)	17.70	17.93	17.96	17.72
		1882.5 (26365)	17.53	17.79	17.94	17.61
		1855 (26090)	17.41	17.69	17.87	17.61
	1RB-Middle (24)	1910 (26640)	17.65	17.96	17.98	17.87
		1882.5 (26365)	17.53	17.68	17.91	17.63
		1855 (26090)	17.40	17.82	17.77	17.69
	1RB-Low (0)	1910 (26640)	17.59	17.89	17.96	17.64
		1882.5 (26365)	17.41	17.75	17.89	17.90
		1855 (26090)	17.27	17.71	17.70	17.77
	25RB-High (25)	1910 (26640)	17.69	17.70	17.92	17.61
		1882.5 (26365)	17.54	17.59	17.72	17.65
		1855 (26090)	17.47	17.49	17.71	17.77
	25RB-Middle (12)	1910 (26640)	17.70	17.62	17.83	17.82
		1882.5 (26365)	17.58	17.62	17.82	17.83
		1855 (26090)	17.51	17.44	17.66	17.83
	25RB-Low (0)	1910 (26640)	17.59	17.57	17.83	17.60
		1882.5 (26365)	17.48	17.44	17.72	17.86
		1855 (26090)	17.40	17.48	17.69	17.85
	50RB (0)	1910 (26640)	17.57	17.65	17.86	17.68
		1882.5 (26365)	17.56	17.55	17.76	17.77
		1855 (26090)	17.46	17.48	17.61	17.88

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15MHz	1RB-High (74)	1907.5 (26615)	17.46	17.68	17.85	17.71
		1882.5 (26365)	17.26	17.50	17.58	17.87
		1857.5 (26115)	17.38	17.55	17.82	17.82
	1RB-Middle (37)	1907.5 (26615)	17.39	17.62	17.85	17.68
		1882.5 (26365)	17.38	17.48	17.66	17.72
		1857.5 (26115)	17.25	17.48	17.57	17.74
	1RB-Low (0)	1907.5 (26615)	17.37	17.69	17.80	17.74
		1882.5 (26365)	17.27	17.57	17.65	17.63
		1857.5 (26115)	17.18	17.67	17.38	17.61
	36RB-High (38)	1907.5 (26615)	17.70	17.55	17.77	17.81
		1882.5 (26365)	17.44	17.40	17.66	17.61
		1857.5 (26115)	17.40	17.33	17.57	17.62
	36RB-Middle (19)	1907.5 (26615)	17.49	17.51	17.78	17.83
		1882.5 (26365)	17.44	17.45	17.60	17.80
		1857.5 (26115)	17.35	17.34	17.59	17.90
	36RB-Low (0)	1907.5 (26615)	17.40	17.39	17.69	17.79
		1882.5 (26365)	17.34	17.29	17.57	17.75
		1857.5 (26115)	17.34	17.24	17.47	17.62
	75RB (0)	1907.5 (26615)	17.49	17.54	17.76	17.66
		1882.5 (26365)	17.40	17.43	17.58	17.69
		1857.5 (26115)	17.35	17.28	17.52	17.85
20MHz	1RB-High (99)	1905 (26590)	17.42	17.79	17.92	17.72
		1882.5 (26365)	17.30	17.70	17.66	17.82
		1860 (26140)	17.34	17.59	17.43	17.65
	1RB-Middle (50)	1905 (26590)	17.55	17.71	17.48	17.78
		1882.5 (26365)	17.33	17.93	17.39	17.68
		1860 (26140)	17.25	17.61	17.22	17.76
	1RB-Low (0)	1905 (26590)	17.21	17.65	17.61	17.79
		1882.5 (26365)	17.27	17.56	17.46	17.80
		1860 (26140)	17.10	17.36	17.30	17.72
	50RB-High (50)	1905 (26590)	17.61	17.77	17.65	17.88
		1882.5 (26365)	17.44	17.42	17.46	17.81
		1860 (26140)	17.47	17.45	17.44	17.87
	50RB-Middle (25)	1905 (26590)	17.53	17.52	17.49	17.81
		1882.5 (26365)	17.49	17.49	17.48	17.63
		1860 (26140)	17.33	17.42	17.32	17.64
	50RB-Low (0)	1905 (26590)	17.43	17.44	17.50	17.63
		1882.5 (26365)	17.49	17.38	17.46	17.60
		1860 (26140)	17.34	17.32	17.31	17.89
	100RB (0)	1905 (26590)	17.63	17.66	17.68	17.66
		1882.5 (26365)	17.48	17.51	17.44	17.83
		1860 (26140)	17.38	17.45	17.38	17.87

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LTE Band25(ANT6 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	20.06	20.53	20.29	19.00
		1882.5 (26365)	19.92	20.33	20.19	19.30
		1850.7 (26047)	19.79	20.10	19.92	19.24
	1RB-Middle (3)	1914.3 (26683)	20.16	20.52	20.25	19.20
		1882.5 (26365)	20.05	20.41	19.98	19.08
		1850.7 (26047)	19.84	20.16	19.96	19.25
	1RB-Low (0)	1914.3 (26683)	20.13	20.50	20.27	19.29
		1882.5 (26365)	19.92	20.36	20.07	19.19
		1850.7 (26047)	19.74	20.26	19.97	19.00
	3RB-High (3)	1914.3 (26683)	20.12	20.33	20.23	19.22
		1882.5 (26365)	20.01	20.21	20.13	19.10
		1850.7 (26047)	19.84	20.05	19.92	19.12
	3RB-Middle (1)	1914.3 (26683)	20.16	20.22	20.21	19.26
		1882.5 (26365)	19.98	20.19	20.01	19.30
		1850.7 (26047)	19.88	19.98	19.88	18.95
	3RB-Low (0)	1914.3 (26683)	20.17	20.11	20.21	19.11
		1882.5 (26365)	20.04	20.24	20.10	19.03
		1850.7 (26047)	19.84	19.91	19.93	19.19
	6RB (0)	1914.3 (26683)	20.16	20.22	20.11	19.21
		1882.5 (26365)	19.97	20.09	20.04	19.09
		1850.7 (26047)	19.87	19.96	19.78	19.20
3MHz	1RB-High (14)	1913.5 (26675)	20.09	20.45	20.29	19.21
		1882.5 (26365)	19.91	20.19	20.13	18.92
		1851.5 (26055)	19.83	20.14	20.10	18.90
	1RB-Middle (7)	1913.5 (26675)	20.21	20.44	20.26	19.06
		1882.5 (26365)	20.00	20.36	20.23	19.24
		1851.5 (26055)	19.90	20.13	19.90	18.97
	1RB-Low (0)	1913.5 (26675)	20.04	20.35	20.32	19.22
		1882.5 (26365)	19.94	20.45	20.09	18.92
		1851.5 (26055)	19.79	20.17	19.91	18.97
	8RB-High (7)	1913.5 (26675)	20.15	20.33	20.32	18.97
		1882.5 (26365)	20.07	20.05	20.03	18.92
		1851.5 (26055)	19.89	19.93	19.93	19.14
	8RB-Middle (4)	1913.5 (26675)	20.20	20.27	20.22	19.26
		1882.5 (26365)	20.10	20.12	20.11	18.95
		1851.5 (26055)	19.91	19.97	19.93	19.16
	8RB-Low (0)	1913.5 (26675)	20.10	20.24	20.08	19.04
		1882.5 (26365)	20.09	20.11	20.07	19.10
		1851.5 (26055)	19.92	19.84	19.89	19.09
	15RB (0)	1913.5 (26675)	20.13	20.16	20.11	19.27
		1882.5 (26365)	20.09	20.08	20.06	19.20
		1851.5 (26055)	19.90	19.89	19.89	19.16

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5MHz	1RB-High (24)	1912.5 (26665)	20.17	20.53	20.34	18.93
		1882.5 (26365)	20.18	20.52	20.31	19.30
		1852.5 (26065)	20.14	20.29	20.16	18.93
	1RB-Middle (12)	1912.5 (26665)	20.25	20.62	20.31	18.93
		1882.5 (26365)	20.14	20.44	20.12	19.07
		1852.5 (26065)	20.18	20.31	20.03	19.03
	1RB-Low (0)	1912.5 (26665)	20.20	20.47	20.30	18.96
		1882.5 (26365)	20.05	20.38	20.16	19.12
		1852.5 (26065)	20.10	20.15	19.91	19.02
	12RB-High (13)	1912.5 (26665)	20.25	20.29	20.27	18.99
		1882.5 (26365)	20.26	20.09	20.12	19.12
		1852.5 (26065)	20.24	19.92	19.90	19.13
	12RB-Middle (6)	1912.5 (26665)	20.27	20.26	20.10	19.22
		1882.5 (26365)	20.27	20.18	20.16	19.07
		1852.5 (26065)	20.27	19.99	19.97	19.11
	12RB-Low (0)	1912.5 (26665)	20.20	20.20	20.16	18.91
		1882.5 (26365)	20.21	20.13	20.10	19.10
		1852.5 (26065)	20.15	19.91	19.88	19.28
	25RB (0)	1912.5 (26665)	20.23	20.33	20.12	19.05
		1882.5 (26365)	20.23	20.03	20.10	19.30
		1852.5 (26065)	20.23	19.96	19.86	19.08
10MHz	1RB-High (49)	1910 (26640)	20.24	20.70	20.28	19.02
		1882.5 (26365)	20.05	20.35	20.41	19.20
		1855 (26090)	19.91	20.24	20.17	19.02
	1RB-Middle (24)	1910 (26640)	20.18	20.55	20.30	19.03
		1882.5 (26365)	20.05	20.22	20.22	18.93
		1855 (26090)	19.90	20.38	20.06	18.97
	1RB-Low (0)	1910 (26640)	20.11	20.46	20.28	19.08
		1882.5 (26365)	19.91	20.30	20.20	19.05
		1855 (26090)	19.75	20.26	19.98	19.08
	25RB-High (25)	1910 (26640)	20.23	20.25	20.23	18.91
		1882.5 (26365)	20.06	20.12	20.00	19.07
		1855 (26090)	19.98	20.01	19.99	19.15
	25RB-Middle (12)	1910 (26640)	20.24	20.16	20.13	19.06
		1882.5 (26365)	20.10	20.15	20.12	18.97
		1855 (26090)	20.02	19.95	19.94	19.09
	25RB-Low (0)	1910 (26640)	20.12	20.10	20.13	19.20
		1882.5 (26365)	19.99	19.95	20.00	19.27
		1855 (26090)	19.90	20.00	19.97	19.20
	50RB (0)	1910 (26640)	20.09	20.19	20.16	19.01
		1882.5 (26365)	20.08	20.07	20.05	19.01
		1855 (26090)	19.97	20.00	19.88	19.28

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15MHz	1RB-High (74)	1907.5 (26615)	19.97	20.22	20.15	18.90
		1882.5 (26365)	19.74	20.02	19.85	19.12
		1857.5 (26115)	19.87	20.07	20.12	19.15
	1RB-Middle (37)	1907.5 (26615)	19.88	20.16	20.15	19.11
		1882.5 (26365)	19.87	20.00	19.94	19.16
		1857.5 (26115)	19.72	20.00	19.83	19.20
	1RB-Low (0)	1907.5 (26615)	19.86	20.23	20.10	19.06
		1882.5 (26365)	19.75	20.10	19.93	18.98
		1857.5 (26115)	19.64	20.21	19.62	19.02
	36RB-High (38)	1907.5 (26615)	20.24	20.07	20.06	19.06
		1882.5 (26365)	19.94	19.90	19.94	19.19
		1857.5 (26115)	19.90	19.82	19.83	18.99
	36RB-Middle (19)	1907.5 (26615)	20.00	20.03	20.07	19.27
		1882.5 (26365)	19.94	19.96	19.87	18.95
		1857.5 (26115)	19.84	19.84	19.86	18.92
	36RB-Low (0)	1907.5 (26615)	19.90	19.89	19.97	19.14
		1882.5 (26365)	19.83	19.78	19.84	18.94
		1857.5 (26115)	19.83	19.72	19.72	19.19
	75RB (0)	1907.5 (26615)	20.00	20.06	20.05	19.06
		1882.5 (26365)	19.90	19.94	19.85	19.17
		1857.5 (26115)	19.84	19.77	19.78	19.02
20MHz	1RB-High (99)	1905 (26590)	19.92	20.35	20.23	19.05
		1882.5 (26365)	19.99	20.08	20.06	19.30
		1860 (26140)	19.79	20.11	20.25	19.21
	1RB-Middle (50)	1905 (26590)	19.87	20.13	20.17	19.21
		1882.5 (26365)	19.81	20.04	20.19	19.17
		1860 (26140)	19.78	20.04	19.84	19.27
	1RB-Low (0)	1905 (26590)	19.76	20.06	20.02	19.00
		1882.5 (26365)	19.80	20.04	20.05	19.15
		1860 (26140)	19.67	19.80	19.79	19.16
	50RB-High (50)	1905 (26590)	20.16	20.08	20.20	19.03
		1882.5 (26365)	19.93	19.90	19.98	19.11
		1860 (26140)	19.84	19.88	19.89	19.04
	50RB-Middle (25)	1905 (26590)	20.02	19.97	20.14	19.14
		1882.5 (26365)	19.89	19.97	20.00	19.08
		1860 (26140)	19.83	19.86	19.83	19.02
	50RB-Low (0)	1905 (26590)	19.74	19.82	19.95	19.17
		1882.5 (26365)	19.84	19.91	19.85	19.14
		1860 (26140)	19.85	19.77	19.75	18.97
	100RB (0)	1905 (26590)	19.97	20.07	19.93	19.04
		1882.5 (26365)	20.00	19.93	19.99	19.20
		1860 (26140)	19.87	19.89	19.81	18.99

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LTE Band25(ANT6 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	16.79	16.99	16.85	16.57
		1882.5 (26365)	16.68	16.82	16.76	16.85
		1850.7 (26047)	16.57	16.83	16.55	16.60
	1RB-Middle (3)	1914.3 (26683)	16.88	16.98	16.82	16.65
		1882.5 (26365)	16.79	16.89	16.59	16.62
		1850.7 (26047)	16.61	16.88	16.58	16.76
	1RB-Low (0)	1914.3 (26683)	16.85	16.96	16.84	16.59
		1882.5 (26365)	16.68	16.85	16.67	16.48
		1850.7 (26047)	16.53	16.96	16.58	16.56
	3RB-High (3)	1914.3 (26683)	16.84	16.82	16.80	16.85
		1882.5 (26365)	16.76	16.93	16.72	16.46
		1850.7 (26047)	16.61	16.79	16.55	16.68
	3RB-Middle (1)	1914.3 (26683)	16.88	16.93	16.78	16.60
		1882.5 (26365)	16.73	16.91	16.62	16.48
		1850.7 (26047)	16.65	16.73	16.51	16.51
	3RB-Low (0)	1914.3 (26683)	16.89	16.84	16.78	16.58
		1882.5 (26365)	16.78	16.94	16.69	16.74
		1850.7 (26047)	16.61	16.68	16.55	16.76
	6RB (0)	1914.3 (26683)	16.88	16.93	16.70	16.74
		1882.5 (26365)	16.72	16.82	16.64	16.68
		1850.7 (26047)	16.64	16.71	16.43	16.77
3MHz	1RB-High (14)	1913.5 (26675)	16.82	16.93	16.85	16.59
		1882.5 (26365)	16.67	16.91	16.72	16.74
		1851.5 (26055)	16.60	16.87	16.69	16.66
	1RB-Middle (7)	1913.5 (26675)	16.92	16.92	16.83	16.79
		1882.5 (26365)	16.75	16.85	16.80	16.46
		1851.5 (26055)	16.66	16.86	16.53	16.51
	1RB-Low (0)	1913.5 (26675)	16.78	16.84	16.74	16.77
		1882.5 (26365)	16.70	16.93	16.69	16.81
		1851.5 (26055)	16.57	16.89	16.54	16.78
	8RB-High (7)	1913.5 (26675)	16.87	16.82	16.73	16.67
		1882.5 (26365)	16.80	16.79	16.63	16.73
		1851.5 (26055)	16.65	16.69	16.55	16.53
	8RB-Middle (4)	1913.5 (26675)	16.91	16.97	16.79	16.56
		1882.5 (26365)	16.83	16.85	16.70	16.48
		1851.5 (26055)	16.67	16.72	16.55	16.62
	8RB-Low (0)	1913.5 (26675)	16.83	16.94	16.68	16.60
		1882.5 (26365)	16.82	16.84	16.67	16.63
		1851.5 (26055)	16.68	16.61	16.52	16.64
	15RB (0)	1913.5 (26675)	16.85	16.88	16.70	16.62
		1882.5 (26365)	16.82	16.81	16.66	16.82
		1851.5 (26055)	16.66	16.66	16.52	16.88

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5MHz	1RB-High (24)	1912.5 (26665)	16.89	16.99	16.74	16.51
		1882.5 (26365)	16.90	16.98	16.87	16.81
		1852.5 (26065)	16.86	16.99	16.74	16.77
	1RB-Middle (12)	1912.5 (26665)	16.96	16.91	16.87	16.74
		1882.5 (26365)	16.86	16.92	16.71	16.88
		1852.5 (26065)	16.90	16.81	16.63	16.49
	1RB-Low (0)	1912.5 (26665)	16.91	16.94	16.86	16.82
		1882.5 (26365)	16.79	16.87	16.74	16.84
		1852.5 (26065)	16.83	16.88	16.54	16.66
	12RB-High (13)	1912.5 (26665)	16.96	16.99	16.84	16.89
		1882.5 (26365)	16.97	16.82	16.71	16.64
		1852.5 (26065)	16.95	16.68	16.53	16.74
	12RB-Middle (6)	1912.5 (26665)	16.98	16.96	16.69	16.52
		1882.5 (26365)	16.98	16.90	16.74	16.76
		1852.5 (26065)	16.98	16.74	16.58	16.50
	12RB-Low (0)	1912.5 (26665)	16.91	16.92	16.74	16.74
		1882.5 (26365)	16.92	16.86	16.69	16.50
		1852.5 (26065)	16.87	16.68	16.51	16.82
	25RB (0)	1912.5 (26665)	16.94	16.82	16.71	16.69
		1882.5 (26365)	16.94	16.77	16.69	16.70
		1852.5 (26065)	16.94	16.71	16.49	16.52
10MHz	1RB-High (49)	1910 (26640)	16.95	16.82	16.84	16.89
		1882.5 (26365)	16.79	16.84	16.82	16.48
		1855 (26090)	16.67	16.94	16.75	16.83
	1RB-Middle (24)	1910 (26640)	16.90	16.82	16.86	16.80
		1882.5 (26365)	16.79	16.93	16.79	16.58
		1855 (26090)	16.66	16.87	16.66	16.86
	1RB-Low (0)	1910 (26640)	16.84	16.94	16.84	16.69
		1882.5 (26365)	16.67	17.00	16.77	16.74
		1855 (26090)	16.54	16.96	16.59	16.76
	25RB-High (25)	1910 (26640)	16.94	16.95	16.80	16.59
		1882.5 (26365)	16.79	16.85	16.61	16.71
		1855 (26090)	16.73	16.75	16.60	16.69
	25RB-Middle (12)	1910 (26640)	16.95	16.88	16.72	16.66
		1882.5 (26365)	16.83	16.88	16.71	16.53
		1855 (26090)	16.77	16.70	16.56	16.79
	25RB-Low (0)	1910 (26640)	16.84	16.83	16.72	16.78
		1882.5 (26365)	16.74	16.70	16.61	16.78
		1855 (26090)	16.66	16.74	16.58	16.78
	50RB (0)	1910 (26640)	16.82	16.91	16.74	16.54
		1882.5 (26365)	16.81	16.81	16.65	16.64
		1855 (26090)	16.72	16.74	16.51	16.50

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15MHz	1RB-High (74)	1907.5 (26615)	16.72	16.93	16.73	16.49
		1882.5 (26365)	16.53	16.76	16.48	16.45
		1857.5 (26115)	16.64	16.81	16.71	16.48
	1RB-Middle (37)	1907.5 (26615)	16.65	16.88	16.73	16.45
		1882.5 (26365)	16.64	16.74	16.56	16.59
		1857.5 (26115)	16.52	16.74	16.47	16.74
	1RB-Low (0)	1907.5 (26615)	16.63	16.94	16.69	16.54
		1882.5 (26365)	16.54	16.83	16.55	16.60
		1857.5 (26115)	16.45	16.93	16.29	16.55
	36RB-High (38)	1907.5 (26615)	16.95	16.81	16.66	16.58
		1882.5 (26365)	16.70	16.67	16.56	16.65
		1857.5 (26115)	16.66	16.60	16.47	16.87
	36RB-Middle (19)	1907.5 (26615)	16.75	16.77	16.67	16.71
		1882.5 (26365)	16.70	16.71	16.50	16.58
		1857.5 (26115)	16.61	16.61	16.49	16.86
	36RB-Low (0)	1907.5 (26615)	16.66	16.66	16.58	16.53
		1882.5 (26365)	16.60	16.56	16.47	16.58
		1857.5 (26115)	16.60	16.51	16.38	16.90
	75RB (0)	1907.5 (26615)	16.75	16.80	16.65	16.61
		1882.5 (26365)	16.66	16.70	16.48	16.61
		1857.5 (26115)	16.61	16.55	16.43	16.90
20MHz	1RB-High (99)	1905 (26590)	16.68	17.04	16.80	16.71
		1882.5 (26365)	16.35	16.72	16.63	16.72
		1860 (26140)	16.48	16.60	16.66	16.88
	1RB-Middle (50)	1905 (26590)	16.54	16.89	16.63	16.51
		1882.5 (26365)	16.44	17.06	16.61	16.82
		1860 (26140)	16.43	16.65	16.49	16.86
	1RB-Low (0)	1905 (26590)	16.48	16.78	16.56	16.83
		1882.5 (26365)	16.55	16.50	16.72	16.84
		1860 (26140)	16.15	16.46	16.54	16.88
	50RB-High (50)	1905 (26590)	16.70	16.75	16.80	16.49
		1882.5 (26365)	16.54	16.66	16.56	16.75
		1860 (26140)	16.53	16.51	16.53	16.74
	50RB-Middle (25)	1905 (26590)	16.64	16.67	16.65	16.72
		1882.5 (26365)	16.56	16.55	16.61	16.49
		1860 (26140)	16.45	16.45	16.46	16.51
	50RB-Low (0)	1905 (26590)	16.60	16.60	16.55	16.64
		1882.5 (26365)	16.57	16.58	16.52	16.49
		1860 (26140)	16.41	16.42	16.47	16.87
	100RB (0)	1905 (26590)	16.81	16.83	16.74	16.72
		1882.5 (26365)	16.58	16.62	16.44	16.84
		1860 (26140)	16.52	16.44	16.41	16.64

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LTE Band25(ANT6 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	15.71	16.03	15.94	15.84
		1882.5 (26365)	15.60	15.87	15.86	15.87
		1850.7 (26047)	15.50	15.69	15.66	15.46
	1RB-Middle (3)	1914.3 (26683)	15.79	16.02	15.92	15.63
		1882.5 (26365)	15.70	15.93	15.70	15.78
		1850.7 (26047)	15.54	15.74	15.69	15.49
	1RB-Low (0)	1914.3 (26683)	15.76	16.01	15.94	15.77
		1882.5 (26365)	15.60	15.90	15.78	15.89
		1850.7 (26047)	15.46	15.82	15.70	15.74
	3RB-High (3)	1914.3 (26683)	15.75	15.87	15.90	15.64
		1882.5 (26365)	15.67	15.78	15.82	15.87
		1850.7 (26047)	15.54	15.66	15.66	15.63
	3RB-Middle (1)	1914.3 (26683)	15.79	15.79	15.88	15.90
		1882.5 (26365)	15.64	15.76	15.73	15.49
		1850.7 (26047)	15.57	15.60	15.62	15.52
	3RB-Low (0)	1914.3 (26683)	15.80	15.70	15.88	15.74
		1882.5 (26365)	15.69	15.80	15.79	15.70
		1850.7 (26047)	15.54	15.55	15.66	15.63
	6RB (0)	1914.3 (26683)	15.79	15.79	15.80	15.88
		1882.5 (26365)	15.64	15.68	15.75	15.78
		1850.7 (26047)	15.56	15.59	15.55	15.44
3MHz	1RB-High (14)	1913.5 (26675)	15.73	15.97	15.94	15.54
		1882.5 (26365)	15.59	15.76	15.82	15.73
		1851.5 (26055)	15.53	15.73	15.79	15.61
	1RB-Middle (7)	1913.5 (26675)	15.82	15.96	15.93	15.70
		1882.5 (26365)	15.66	15.90	15.90	15.49
		1851.5 (26055)	15.58	15.72	15.64	15.87
	1RB-Low (0)	1913.5 (26675)	15.69	15.89	15.85	15.45
		1882.5 (26365)	15.62	15.97	15.79	15.57
		1851.5 (26055)	15.50	15.75	15.65	15.87
	8RB-High (7)	1913.5 (26675)	15.78	15.87	15.84	15.60
		1882.5 (26365)	15.72	15.66	15.74	15.61
		1851.5 (26055)	15.57	15.56	15.66	15.70
	8RB-Middle (4)	1913.5 (26675)	15.81	15.83	15.89	15.78
		1882.5 (26365)	15.74	15.71	15.80	15.67
		1851.5 (26055)	15.59	15.60	15.66	15.45
	8RB-Low (0)	1913.5 (26675)	15.74	15.80	15.78	15.48
		1882.5 (26365)	15.73	15.70	15.78	15.69
		1851.5 (26055)	15.60	15.49	15.63	15.78
	15RB (0)	1913.5 (26675)	15.76	15.74	15.80	15.48
		1882.5 (26365)	15.73	15.68	15.77	15.42
		1851.5 (26055)	15.58	15.53	15.63	15.89

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5MHz	1RB-High (24)	1912.5 (26665)	15.80	16.03	15.85	15.66
		1882.5 (26365)	15.81	16.02	15.96	15.59
		1852.5 (26065)	15.77	15.85	15.85	15.58
	1RB-Middle (12)	1912.5 (26665)	15.86	15.95	15.96	15.59
		1882.5 (26365)	15.77	15.96	15.81	15.79
		1852.5 (26065)	15.81	15.86	15.74	15.53
	1RB-Low (0)	1912.5 (26665)	15.81	15.98	15.95	15.63
		1882.5 (26365)	15.70	15.92	15.85	15.87
		1852.5 (26065)	15.74	15.74	15.65	15.48
	12RB-High (13)	1912.5 (26665)	15.86	15.85	15.94	15.74
		1882.5 (26365)	15.87	15.68	15.81	15.54
		1852.5 (26065)	15.85	15.55	15.64	15.55
	12RB-Middle (6)	1912.5 (26665)	15.88	15.82	15.79	15.69
		1882.5 (26365)	15.88	15.76	15.85	15.43
		1852.5 (26065)	15.88	15.61	15.70	15.49
	12RB-Low (0)	1912.5 (26665)	15.81	15.77	15.85	15.88
		1882.5 (26365)	15.82	15.72	15.79	15.52
		1852.5 (26065)	15.78	15.55	15.62	15.69
	25RB (0)	1912.5 (26665)	15.84	15.87	15.81	15.52
		1882.5 (26365)	15.84	15.64	15.79	15.59
		1852.5 (26065)	15.84	15.59	15.61	15.76
10MHz	1RB-High (49)	1910 (26640)	15.85	16.02	15.94	15.44
		1882.5 (26365)	15.70	15.89	15.92	15.47
		1855 (26090)	15.59	15.80	15.86	15.67
	1RB-Middle (24)	1910 (26640)	15.81	16.04	15.95	15.75
		1882.5 (26365)	15.70	15.79	15.89	15.76
		1855 (26090)	15.58	15.92	15.77	15.48
	1RB-Low (0)	1910 (26640)	15.75	15.98	15.94	15.83
		1882.5 (26365)	15.59	15.85	15.87	15.57
		1855 (26090)	15.47	15.82	15.70	15.48
	25RB-High (25)	1910 (26640)	15.84	15.81	15.90	15.62
		1882.5 (26365)	15.71	15.71	15.72	15.89
		1855 (26090)	15.64	15.62	15.71	15.40
	25RB-Middle (12)	1910 (26640)	15.85	15.74	15.82	15.75
		1882.5 (26365)	15.74	15.74	15.81	15.68
		1855 (26090)	15.68	15.58	15.67	15.85
	25RB-Low (0)	1910 (26640)	15.75	15.69	15.82	15.42
		1882.5 (26365)	15.65	15.58	15.72	15.50
		1855 (26090)	15.58	15.61	15.70	15.79
	50RB (0)	1910 (26640)	15.73	15.76	15.85	15.76
		1882.5 (26365)	15.73	15.68	15.76	15.55
		1855 (26090)	15.64	15.61	15.62	15.75

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15MHz	1RB-High (74)	1907.5 (26615)	15.64	15.79	15.84	15.60
		1882.5 (26365)	15.46	15.63	15.60	15.69
		1857.5 (26115)	15.56	15.68	15.81	15.85
	1RB-Middle (37)	1907.5 (26615)	15.57	15.74	15.84	15.79
		1882.5 (26365)	15.56	15.61	15.67	15.74
		1857.5 (26115)	15.45	15.61	15.59	15.88
	1RB-Low (0)	1907.5 (26615)	15.56	15.80	15.79	15.78
		1882.5 (26365)	15.47	15.69	15.66	15.56
		1857.5 (26115)	15.39	15.78	15.42	15.79
	36RB-High (38)	1907.5 (26615)	15.85	15.68	15.77	15.75
		1882.5 (26365)	15.62	15.54	15.67	15.65
		1857.5 (26115)	15.58	15.48	15.59	15.47
	36RB-Middle (19)	1907.5 (26615)	15.66	15.64	15.78	15.49
		1882.5 (26365)	15.62	15.59	15.62	15.41
		1857.5 (26115)	15.54	15.49	15.61	15.57
	36RB-Low (0)	1907.5 (26615)	15.58	15.53	15.70	15.88
		1882.5 (26365)	15.53	15.44	15.59	15.44
		1857.5 (26115)	15.53	15.40	15.50	15.74
	75RB (0)	1907.5 (26615)	15.66	15.67	15.76	15.89
		1882.5 (26365)	15.58	15.57	15.60	15.60
		1857.5 (26115)	15.54	15.43	15.55	15.70
20MHz	1RB-High (99)	1905 (26590)	15.60	15.89	15.90	15.79
		1882.5 (26365)	15.38	15.68	15.63	15.47
		1860 (26140)	15.40	15.82	15.50	15.49
	1RB-Middle (50)	1905 (26590)	15.42	15.77	15.67	15.80
		1882.5 (26365)	15.43	15.82	15.73	15.59
		1860 (26140)	15.32	16.03	15.66	15.66
	1RB-Low (0)	1905 (26590)	15.39	15.76	15.77	15.60
		1882.5 (26365)	15.42	15.67	15.55	15.83
		1860 (26140)	15.27	15.66	15.38	15.44
	50RB-High (50)	1905 (26590)	15.83	15.80	15.94	15.90
		1882.5 (26365)	15.59	15.61	15.59	15.83
		1860 (26140)	15.48	15.55	15.44	15.49
	50RB-Middle (25)	1905 (26590)	15.61	15.63	15.69	15.52
		1882.5 (26365)	15.61	15.60	15.60	15.74
		1860 (26140)	15.50	15.45	15.39	15.49
	50RB-Low (0)	1905 (26590)	15.57	15.57	15.59	15.90
		1882.5 (26365)	15.54	15.55	15.58	15.69
		1860 (26140)	15.45	15.46	15.44	15.90
	100RB (0)	1905 (26590)	15.71	15.69	15.83	15.61
		1882.5 (26365)	15.53	15.56	15.60	15.70
		1860 (26140)	15.47	15.51	15.43	15.77

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LTE Band25(ANT7 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	21.74	22.03	22.19	18.64
		1882.5 (26365)	22.14	22.17	21.91	18.83
		1850.7 (26047)	22.16	22.49	22.25	18.85
	1RB-Middle (3)	1914.3 (26683)	21.70	22.09	21.73	18.70
		1882.5 (26365)	21.70	22.08	22.07	18.83
		1850.7 (26047)	22.21	22.26	22.14	18.87
	1RB-Low (0)	1914.3 (26683)	21.68	22.18	21.67	18.61
		1882.5 (26365)	21.56	22.24	21.81	18.61
		1850.7 (26047)	22.14	22.46	22.07	18.89
	3RB-High (3)	1914.3 (26683)	21.59	21.81	21.67	18.84
		1882.5 (26365)	21.84	21.97	21.98	18.60
		1850.7 (26047)	22.33	22.21	22.17	18.60
	3RB-Middle (1)	1914.3 (26683)	21.61	21.73	21.78	18.90
		1882.5 (26365)	21.64	21.90	21.78	18.73
		1850.7 (26047)	22.32	22.15	22.22	18.52
	3RB-Low (0)	1914.3 (26683)	21.61	21.80	21.81	18.63
		1882.5 (26365)	21.70	21.91	21.85	18.57
		1850.7 (26047)	22.27	22.22	22.07	18.51
	6RB (0)	1914.3 (26683)	21.69	21.36	21.18	18.86
		1882.5 (26365)	21.75	21.37	21.25	18.56
		1850.7 (26047)	22.26	21.82	21.80	18.74
3MHz	1RB-High (14)	1913.5 (26675)	21.57	22.13	21.70	18.80
		1882.5 (26365)	21.67	22.20	21.75	18.83
		1851.5 (26055)	22.15	22.42	22.16	18.54
	1RB-Middle (7)	1913.5 (26675)	21.68	21.99	21.86	18.79
		1882.5 (26365)	21.62	21.98	21.82	18.66
		1851.5 (26055)	22.21	22.23	22.29	18.70
	1RB-Low (0)	1913.5 (26675)	21.61	22.05	21.71	18.75
		1882.5 (26365)	21.62	22.03	22.05	18.58
		1851.5 (26055)	22.23	22.36	22.20	18.76
	8RB-High (7)	1913.5 (26675)	21.69	21.37	21.24	18.68
		1882.5 (26365)	21.88	21.47	21.42	18.54
		1851.5 (26055)	22.30	21.91	21.72	18.85
	8RB-Middle (4)	1913.5 (26675)	21.73	21.27	21.26	18.75
		1882.5 (26365)	21.80	21.45	21.29	18.50
		1851.5 (26055)	22.35	21.89	21.86	18.84
	8RB-Low (0)	1913.5 (26675)	21.71	21.30	21.16	18.84
		1882.5 (26365)	21.75	21.37	21.29	18.51
		1851.5 (26055)	22.27	21.85	21.90	18.90
	15RB (0)	1913.5 (26675)	21.68	21.23	21.22	18.71
		1882.5 (26365)	21.75	21.36	21.29	18.85
		1851.5 (26055)	22.29	21.75	21.83	18.79

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5MHz	1RB-High (24)	1912.5 (26665)	21.67	22.00	21.90	18.65
		1882.5 (26365)	21.67	21.90	21.76	18.59
		1852.5 (26065)	22.18	22.36	22.16	18.63
	1RB-Middle (12)	1912.5 (26665)	21.74	22.01	21.79	18.63
		1882.5 (26365)	21.57	22.10	22.00	18.51
		1852.5 (26065)	22.16	22.16	22.17	18.56
	1RB-Low (0)	1912.5 (26665)	21.58	21.91	21.62	18.71
		1882.5 (26365)	21.72	21.92	21.83	18.90
		1852.5 (26065)	22.22	22.17	22.09	18.75
	12RB-High (13)	1912.5 (26665)	21.69	21.31	21.25	18.72
		1882.5 (26365)	21.78	21.38	21.36	18.65
		1852.5 (26065)	22.30	21.88	21.79	18.55
	12RB-Middle (6)	1912.5 (26665)	21.66	21.17	21.25	18.75
		1882.5 (26365)	21.83	21.29	21.36	18.53
		1852.5 (26065)	22.32	21.86	21.84	18.67
	12RB-Low (0)	1912.5 (26665)	21.60	21.17	21.13	18.59
		1882.5 (26365)	21.74	21.24	21.20	18.53
		1852.5 (26065)	22.31	21.81	21.83	18.61
	25RB (0)	1912.5 (26665)	21.59	21.14	21.21	18.85
		1882.5 (26365)	21.69	21.23	21.19	18.80
		1852.5 (26065)	22.30	21.83	21.76	18.60
10MHz	1RB-High (49)	1910 (26640)	21.64	21.91	21.87	18.54
		1882.5 (26365)	21.69	21.94	21.77	18.73
		1855 (26090)	22.09	22.15	22.18	18.52
	1RB-Middle (24)	1910 (26640)	21.62	21.92	21.69	18.79
		1882.5 (26365)	21.69	21.92	21.93	18.72
		1855 (26090)	22.21	22.25	22.15	18.63
	1RB-Low (0)	1910 (26640)	21.51	22.06	21.51	18.72
		1882.5 (26365)	21.80	22.22	21.99	18.85
		1855 (26090)	22.21	22.13	22.10	18.51
	25RB-High (25)	1910 (26640)	21.74	21.29	21.19	18.75
		1882.5 (26365)	21.77	21.28	21.36	18.90
		1855 (26090)	22.31	21.73	21.80	18.65
	25RB-Middle (12)	1910 (26640)	21.71	21.21	21.22	18.58
		1882.5 (26365)	21.72	21.31	21.26	18.65
		1855 (26090)	22.33	21.85	21.81	18.68
	25RB-Low (0)	1910 (26640)	21.55	21.07	21.08	18.89
		1882.5 (26365)	21.77	21.21	21.16	18.88
		1855 (26090)	22.33	21.87	21.83	18.79
	50RB (0)	1910 (26640)	21.68	21.21	21.13	18.81
		1882.5 (26365)	21.68	21.15	21.21	18.62
		1855 (26090)	22.32	21.78	21.77	18.53

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15MHz	1RB-High (74)	1907.5 (26615)	21.59	21.65	21.21	18.64
		1882.5 (26365)	21.32	21.58	21.25	18.68
		1857.5 (26115)	22.18	22.14	21.79	18.69
	1RB-Middle (37)	1907.5 (26615)	21.51	22.20	21.14	18.65
		1882.5 (26365)	21.47	21.86	21.15	18.71
		1857.5 (26115)	22.03	22.21	21.84	18.69
	1RB-Low (0)	1907.5 (26615)	21.18	21.70	20.87	18.88
		1882.5 (26365)	21.60	22.29	21.32	18.59
		1857.5 (26115)	21.97	22.42	21.93	18.82
	36RB-High (38)	1907.5 (26615)	21.50	21.04	20.01	18.74
		1882.5 (26365)	21.62	21.18	20.15	18.60
		1857.5 (26115)	22.07	21.66	20.65	18.50
	36RB-Middle (19)	1907.5 (26615)	21.48	20.85	20.08	18.86
		1882.5 (26365)	21.60	21.18	20.11	18.82
		1857.5 (26115)	22.11	21.66	20.69	18.89
	36RB-Low (0)	1907.5 (26615)	21.41	20.86	20.04	18.86
		1882.5 (26365)	21.60	21.15	20.19	18.53
		1857.5 (26115)	22.05	21.61	20.60	18.83
	75RB (0)	1907.5 (26615)	21.36	20.86	20.04	18.73
		1882.5 (26365)	21.59	21.15	20.10	18.59
		1857.5 (26115)	22.15	21.69	20.61	18.51
20MHz	1RB-High (99)	1905 (26590)	21.59	21.91	21.80	18.81
		1882.5 (26365)	21.25	21.59	21.56	18.80
		1860 (26140)	21.85	22.12	21.97	18.76
	1RB-Middle (50)	1905 (26590)	21.44	22.14	21.25	18.71
		1882.5 (26365)	21.55	21.74	21.23	18.65
		1860 (26140)	21.95	22.31	21.30	18.90
	1RB-Low (0)	1905 (26590)	21.26	21.69	21.51	18.63
		1882.5 (26365)	21.65	22.03	21.87	18.90
		1860 (26140)	22.10	22.31	21.74	18.58
	50RB-High (50)	1905 (26590)	21.53	21.04	20.08	18.53
		1882.5 (26365)	21.58	21.10	20.08	18.81
		1860 (26140)	21.98	21.58	20.05	18.55
	50RB-Middle (25)	1905 (26590)	21.53	21.12	20.59	18.78
		1882.5 (26365)	21.57	21.16	20.11	18.77
		1860 (26140)	22.14	21.61	20.17	18.65
	50RB-Low (0)	1905 (26590)	21.36	20.90	20.56	18.61
		1882.5 (26365)	21.73	21.23	19.90	18.81
		1860 (26140)	22.09	21.58	20.27	18.59
	100RB (0)	1905 (26590)	21.52	21.08	20.60	18.83
		1882.5 (26365)	21.64	21.22	20.08	18.80
		1860 (26140)	22.13	21.62	20.08	18.77

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LTE Band25(ANT7 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	19.65	20.34	20.18	18.88
		1882.5 (26365)	19.65	20.36	20.17	18.88
		1850.7 (26047)	20.23	20.48	20.57	18.87
	1RB-Middle (3)	1914.3 (26683)	19.79	20.25	20.71	18.89
		1882.5 (26365)	19.82	20.29	20.47	18.62
		1850.7 (26047)	20.35	20.64	20.89	18.62
	1RB-Low (0)	1914.3 (26683)	19.65	20.42	20.15	18.57
		1882.5 (26365)	19.74	20.46	20.17	18.75
		1850.7 (26047)	20.29	20.52	20.41	18.69
	3RB-High (3)	1914.3 (26683)	19.76	20.02	20.17	18.76
		1882.5 (26365)	19.72	20.02	20.22	18.50
		1850.7 (26047)	20.35	20.67	20.42	18.58
	3RB-Middle (1)	1914.3 (26683)	19.77	20.02	20.30	18.50
		1882.5 (26365)	19.83	20.14	20.03	18.80
		1850.7 (26047)	20.38	20.41	20.55	18.89
	3RB-Low (0)	1914.3 (26683)	19.77	20.33	20.24	18.63
		1882.5 (26365)	19.80	20.25	20.24	18.79
		1850.7 (26047)	20.32	20.64	20.56	18.58
	6RB (0)	1914.3 (26683)	19.75	19.94	20.16	18.50
		1882.5 (26365)	19.76	19.91	20.25	18.80
		1850.7 (26047)	20.40	20.69	20.79	18.83
3MHz	1RB-High (14)	1913.5 (26675)	19.78	20.37	20.27	18.71
		1882.5 (26365)	19.93	20.65	20.42	18.58
		1851.5 (26055)	20.21	20.43	20.55	18.57
	1RB-Middle (7)	1913.5 (26675)	19.79	20.33	20.32	18.62
		1882.5 (26365)	19.78	20.27	20.32	18.85
		1851.5 (26055)	20.30	20.59	20.41	18.51
	1RB-Low (0)	1913.5 (26675)	19.67	20.09	19.97	18.61
		1882.5 (26365)	19.88	20.43	20.47	18.78
		1851.5 (26055)	20.33	20.66	20.80	18.59
	8RB-High (7)	1913.5 (26675)	19.85	20.05	20.22	18.82
		1882.5 (26365)	19.94	20.13	20.19	18.67
		1851.5 (26055)	20.31	20.75	20.42	18.60
	8RB-Middle (4)	1913.5 (26675)	19.81	20.03	20.19	18.82
		1882.5 (26365)	19.86	20.10	20.26	18.77
		1851.5 (26055)	20.39	20.58	20.42	18.61
	8RB-Low (0)	1913.5 (26675)	19.75	20.05	20.22	18.88
		1882.5 (26365)	19.88	20.08	20.19	18.54
		1851.5 (26055)	20.37	20.68	20.45	18.88
	15RB (0)	1913.5 (26675)	19.81	19.96	20.15	18.86
		1882.5 (26365)	19.83	19.96	20.27	18.58
		1851.5 (26055)	20.34	20.57	20.41	18.79

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5MHz	1RB-High (24)	1912.5 (26665)	19.77	20.22	20.41	18.63
		1882.5 (26365)	19.81	20.30	20.43	18.86
		1852.5 (26065)	20.32	20.47	20.57	18.53
	1RB-Middle (12)	1912.5 (26665)	19.77	20.48	20.13	18.86
		1882.5 (26365)	19.81	20.41	20.17	18.81
		1852.5 (26065)	20.28	20.58	20.56	18.89
	1RB-Low (0)	1912.5 (26665)	19.64	19.98	20.14	18.79
		1882.5 (26365)	19.84	20.36	20.43	18.87
		1852.5 (26065)	20.32	20.45	20.43	18.66
	12RB-High (13)	1912.5 (26665)	19.75	19.96	20.17	18.57
		1882.5 (26365)	19.94	20.17	20.31	18.69
		1852.5 (26065)	20.39	20.68	20.47	18.63
	12RB-Middle (6)	1912.5 (26665)	19.76	19.87	20.07	18.88
		1882.5 (26365)	19.92	20.06	20.29	18.79
		1852.5 (26065)	20.41	20.74	20.48	18.61
	12RB-Low (0)	1912.5 (26665)	19.67	19.84	20.03	18.80
		1882.5 (26365)	19.77	19.96	20.16	18.58
		1852.5 (26065)	20.36	20.59	20.42	18.71
	25RB (0)	1912.5 (26665)	19.72	19.91	19.99	18.87
		1882.5 (26365)	19.75	20.03	20.22	18.68
		1852.5 (26065)	20.40	20.62	20.78	18.89
10MHz	1RB-High (49)	1910 (26640)	19.68	20.39	20.40	18.58
		1882.5 (26365)	19.75	20.28	20.23	18.74
		1855 (26090)	20.24	20.57	20.64	18.90
	1RB-Middle (24)	1910 (26640)	19.72	20.21	20.29	18.55
		1882.5 (26365)	19.82	20.34	20.31	18.82
		1855 (26090)	20.25	20.69	20.42	18.65
	1RB-Low (0)	1910 (26640)	19.53	20.21	20.04	18.90
		1882.5 (26365)	19.74	20.54	20.43	18.88
		1855 (26090)	20.29	20.58	20.66	18.80
	25RB-High (25)	1910 (26640)	19.74	19.95	20.12	18.80
		1882.5 (26365)	19.90	20.00	20.25	18.88
		1855 (26090)	20.36	20.56	20.77	18.57
	25RB-Middle (12)	1910 (26640)	19.75	19.96	20.14	18.90
		1882.5 (26365)	19.90	19.94	20.24	18.52
		1855 (26090)	20.45	20.59	20.80	18.59
	25RB-Low (0)	1910 (26640)	19.65	19.74	19.94	18.81
		1882.5 (26365)	19.88	20.03	20.27	18.63
		1855 (26090)	20.34	20.57	20.80	18.55
	50RB (0)	1910 (26640)	19.79	19.87	20.09	18.52
		1882.5 (26365)	19.85	19.96	20.27	18.56
		1855 (26090)	20.34	20.54	20.77	18.83

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15MHz	1RB-High (74)	1907.5 (26615)	19.55	20.17	20.28	18.78
		1882.5 (26365)	19.43	19.59	19.98	18.77
		1857.5 (26115)	20.09	20.55	20.54	18.65
	1RB-Middle (37)	1907.5 (26615)	19.57	19.95	19.93	18.59
		1882.5 (26365)	19.65	20.33	20.08	18.78
		1857.5 (26115)	20.01	20.51	20.60	18.83
	1RB-Low (0)	1907.5 (26615)	19.23	19.67	19.81	18.71
		1882.5 (26365)	19.67	20.22	20.07	18.60
		1857.5 (26115)	20.11	20.73	20.85	18.65
	36RB-High (38)	1907.5 (26615)	19.68	19.77	19.86	18.63
		1882.5 (26365)	19.65	19.88	20.12	18.51
		1857.5 (26115)	20.16	20.35	20.55	18.51
	36RB-Middle (19)	1907.5 (26615)	19.44	19.69	19.88	18.80
		1882.5 (26365)	19.59	19.87	20.02	18.81
		1857.5 (26115)	20.18	20.48	20.72	18.79
	36RB-Low (0)	1907.5 (26615)	19.42	19.53	19.79	18.90
		1882.5 (26365)	19.76	19.91	20.13	18.67
		1857.5 (26115)	20.18	20.44	20.59	18.75
	75RB (0)	1907.5 (26615)	19.37	19.68	19.89	18.58
		1882.5 (26365)	19.70	19.85	20.08	18.53
		1857.5 (26115)	20.19	20.40	20.57	18.65
20MHz	1RB-High (99)	1905 (26590)	19.79	20.23	20.27	18.58
		1882.5 (26365)	19.65	19.86	19.79	18.73
		1860 (26140)	20.26	20.37	20.47	18.66
	1RB-Middle (50)	1905 (26590)	19.86	20.52	19.98	18.84
		1882.5 (26365)	20.15	20.08	20.29	18.51
		1860 (26140)	20.49	20.62	20.41	18.57
	1RB-Low (0)	1905 (26590)	19.62	20.02	20.06	18.70
		1882.5 (26365)	20.18	20.40	20.38	18.53
		1860 (26140)	20.38	20.46	20.53	18.63
	50RB-High (50)	1905 (26590)	19.98	19.99	19.98	18.54
		1882.5 (26365)	20.02	19.99	19.95	18.65
		1860 (26140)	20.41	20.43	20.52	18.79
	50RB-Middle (25)	1905 (26590)	19.98	19.95	19.90	18.51
		1882.5 (26365)	20.00	20.01	20.01	18.85
		1860 (26140)	20.47	20.55	20.52	18.84
	50RB-Low (0)	1905 (26590)	19.83	19.75	19.75	18.52
		1882.5 (26365)	20.19	20.10	20.09	18.66
		1860 (26140)	20.47	20.53	20.46	18.74
	100RB (0)	1905 (26590)	19.95	19.96	19.92	18.80
		1882.5 (26365)	20.04	19.98	20.04	18.61
		1860 (26140)	20.49	20.50	20.56	18.83

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LTE Band25(ANT7 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	19.05	19.60	19.41	18.83
		1882.5 (26365)	19.05	19.62	19.40	18.60
		1850.7 (26047)	19.61	19.72	19.77	18.71
	1RB-Middle (3)	1914.3 (26683)	19.18	19.51	19.52	18.58
		1882.5 (26365)	19.22	19.55	19.69	18.68
		1850.7 (26047)	19.73	19.87	19.86	18.60
	1RB-Low (0)	1914.3 (26683)	19.05	19.68	19.38	18.61
		1882.5 (26365)	19.13	19.72	19.40	18.60
		1850.7 (26047)	19.67	19.76	19.61	18.89
	3RB-High (3)	1914.3 (26683)	19.15	19.29	19.40	18.54
		1882.5 (26365)	19.11	19.29	19.44	18.55
		1850.7 (26047)	19.73	19.51	19.62	18.85
	3RB-Middle (1)	1914.3 (26683)	19.16	19.29	19.53	18.82
		1882.5 (26365)	19.23	19.41	19.27	18.77
		1850.7 (26047)	19.76	19.65	19.75	18.66
	3RB-Low (0)	1914.3 (26683)	19.16	19.59	19.46	18.81
		1882.5 (26365)	19.20	19.51	19.46	18.84
		1850.7 (26047)	19.70	19.48	19.76	18.90
	6RB (0)	1914.3 (26683)	19.14	19.22	19.39	18.68
		1882.5 (26365)	19.15	19.18	19.48	18.80
		1850.7 (26047)	19.78	19.53	19.59	18.50
3MHz	1RB-High (14)	1913.5 (26675)	19.17	19.63	19.50	18.60
		1882.5 (26365)	19.32	19.49	19.64	18.80
		1851.5 (26055)	19.59	19.67	19.75	18.83
	1RB-Middle (7)	1913.5 (26675)	19.18	19.59	19.55	18.64
		1882.5 (26365)	19.17	19.53	19.55	18.67
		1851.5 (26055)	19.68	19.82	19.61	18.77
	1RB-Low (0)	1913.5 (26675)	19.07	19.36	19.21	18.86
		1882.5 (26365)	19.28	19.69	19.69	18.79
		1851.5 (26055)	19.71	19.89	19.60	18.73
	8RB-High (7)	1913.5 (26675)	19.25	19.32	19.44	18.64
		1882.5 (26365)	19.33	19.40	19.42	18.84
		1851.5 (26055)	19.69	19.60	19.62	18.75
	8RB-Middle (4)	1913.5 (26675)	19.21	19.30	19.42	18.69
		1882.5 (26365)	19.26	19.37	19.49	18.63
		1851.5 (26055)	19.77	19.43	19.62	18.63
	8RB-Low (0)	1913.5 (26675)	19.14	19.32	19.44	18.67
		1882.5 (26365)	19.28	19.35	19.42	18.83
		1851.5 (26055)	19.75	19.52	19.66	18.58
	15RB (0)	1913.5 (26675)	19.21	19.24	19.38	18.56
		1882.5 (26365)	19.23	19.24	19.50	18.60
		1851.5 (26055)	19.72	19.42	19.61	18.85

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5MHz	1RB-High (24)	1912.5 (26665)	19.16	19.48	19.63	18.53
		1882.5 (26365)	19.21	19.56	19.65	18.81
		1852.5 (26065)	19.70	19.71	19.77	18.78
	1RB-Middle (12)	1912.5 (26665)	19.16	19.73	19.36	18.68
		1882.5 (26365)	19.21	19.67	19.40	18.61
		1852.5 (26065)	19.66	19.81	19.76	18.71
	1RB-Low (0)	1912.5 (26665)	19.04	19.26	19.37	18.83
		1882.5 (26365)	19.24	19.62	19.65	18.86
		1852.5 (26065)	19.70	19.69	19.63	18.83
	12RB-High (13)	1912.5 (26665)	19.14	19.24	19.40	18.54
		1882.5 (26365)	19.33	19.43	19.54	18.87
		1852.5 (26065)	19.77	19.52	19.68	18.67
	12RB-Middle (6)	1912.5 (26665)	19.15	19.14	19.30	18.77
		1882.5 (26365)	19.31	19.33	19.52	18.82
		1852.5 (26065)	19.79	19.59	19.69	18.83
	12RB-Low (0)	1912.5 (26665)	19.07	19.11	19.27	18.69
		1882.5 (26365)	19.16	19.24	19.39	18.55
		1852.5 (26065)	19.74	19.44	19.62	18.53
	25RB (0)	1912.5 (26665)	19.11	19.18	19.23	18.89
		1882.5 (26365)	19.14	19.30	19.44	18.68
		1852.5 (26065)	19.78	19.47	19.58	18.70
10MHz	1RB-High (49)	1910 (26640)	19.08	19.65	19.62	18.63
		1882.5 (26365)	19.14	19.54	19.45	18.80
		1855 (26090)	19.62	19.80	19.45	18.55
	1RB-Middle (24)	1910 (26640)	19.11	19.47	19.52	18.54
		1882.5 (26365)	19.22	19.60	19.54	18.65
		1855 (26090)	19.64	19.92	19.62	18.50
	1RB-Low (0)	1910 (26640)	18.93	19.47	19.28	18.90
		1882.5 (26365)	19.13	19.79	19.65	18.76
		1855 (26090)	19.67	19.81	19.85	18.82
	25RB-High (25)	1910 (26640)	19.13	19.23	19.35	18.68
		1882.5 (26365)	19.29	19.27	19.48	18.86
		1855 (26090)	19.74	19.41	19.57	18.78
	25RB-Middle (12)	1910 (26640)	19.14	19.24	19.37	18.61
		1882.5 (26365)	19.29	19.22	19.46	18.66
		1855 (26090)	19.83	19.44	19.60	18.54
	25RB-Low (0)	1910 (26640)	19.05	19.02	19.17	18.77
		1882.5 (26365)	19.28	19.30	19.50	18.85
		1855 (26090)	19.72	19.42	19.60	18.69
	50RB (0)	1910 (26640)	19.18	19.14	19.32	18.71
		1882.5 (26365)	19.25	19.24	19.50	18.62
		1855 (26090)	19.72	19.79	19.57	18.88

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15MHz	1RB-High (74)	1907.5 (26615)	18.95	19.43	19.51	18.54
		1882.5 (26365)	18.84	18.88	19.22	18.78
		1857.5 (26115)	19.47	19.80	19.75	18.58
	1RB-Middle (37)	1907.5 (26615)	18.97	19.23	19.16	18.57
		1882.5 (26365)	19.05	19.59	19.31	18.73
		1857.5 (26115)	19.40	19.76	19.42	18.63
	1RB-Low (0)	1907.5 (26615)	18.64	18.95	19.05	18.69
		1882.5 (26365)	19.07	19.48	19.30	18.80
		1857.5 (26115)	19.49	19.58	19.66	18.65
	36RB-High (38)	1907.5 (26615)	19.08	19.05	19.10	18.60
		1882.5 (26365)	19.05	19.15	19.35	18.69
		1857.5 (26115)	19.54	19.61	19.77	18.85
	36RB-Middle (19)	1907.5 (26615)	18.85	18.97	19.12	18.74
		1882.5 (26365)	18.99	19.14	19.26	18.54
		1857.5 (26115)	19.56	19.73	19.53	18.66
	36RB-Low (0)	1907.5 (26615)	18.83	18.82	19.03	18.70
		1882.5 (26365)	19.15	19.18	19.36	18.61
		1857.5 (26115)	19.56	19.70	19.41	18.79
	75RB (0)	1907.5 (26615)	18.78	18.96	19.13	18.64
		1882.5 (26365)	19.09	19.12	19.31	18.60
		1857.5 (26115)	19.57	19.66	19.79	18.86
20MHz	1RB-High (99)	1905 (26590)	18.88	19.05	19.01	18.85
		1882.5 (26365)	18.67	19.11	18.98	18.90
		1860 (26140)	19.91	19.72	19.38	18.62
	1RB-Middle (50)	1905 (26590)	18.72	18.90	19.01	18.89
		1882.5 (26365)	19.16	19.09	19.19	18.62
		1860 (26140)	19.41	19.76	19.90	18.66
	1RB-Low (0)	1905 (26590)	18.70	19.23	18.85	18.73
		1882.5 (26365)	19.22	19.32	19.32	18.77
		1860 (26140)	19.52	19.92	19.66	18.57
	50RB-High (50)	1905 (26590)	19.00	18.92	18.91	18.56
		1882.5 (26365)	19.01	19.02	19.01	18.83
		1860 (26140)	19.46	19.40	19.49	18.50
	50RB-Middle (25)	1905 (26590)	18.95	18.97	18.88	18.82
		1882.5 (26365)	19.08	19.08	19.03	18.66
		1860 (26140)	19.60	19.60	19.52	18.86
	50RB-Low (0)	1905 (26590)	18.82	18.84	18.75	18.75
		1882.5 (26365)	19.19	19.12	19.04	18.56
		1860 (26140)	19.54	19.54	19.56	18.75
	100RB (0)	1905 (26590)	18.97	18.95	18.92	18.77
		1882.5 (26365)	19.09	19.05	19.04	18.71
		1860 (26140)	19.53	19.56	19.47	18.67

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LTE Band25(ANT7 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	21.14	21.42	21.13	18.72
		1882.5 (26365)	21.06	21.46	21.07	18.73
		1850.7 (26047)	21.53	21.87	21.68	18.75
	1RB-Middle (3)	1914.3 (26683)	20.94	21.45	21.12	18.76
		1882.5 (26365)	21.19	21.65	21.35	18.54
		1850.7 (26047)	21.65	21.74	21.82	18.72
	1RB-Low (0)	1914.3 (26683)	20.90	21.53	21.24	18.72
		1882.5 (26365)	21.12	21.66	21.38	18.89
		1850.7 (26047)	21.65	21.79	21.59	18.51
	3RB-High (3)	1914.3 (26683)	21.03	21.22	21.16	18.83
		1882.5 (26365)	21.11	21.28	21.20	18.68
		1850.7 (26047)	21.80	21.56	21.55	18.51
	3RB-Middle (1)	1914.3 (26683)	21.15	21.25	21.22	18.86
		1882.5 (26365)	21.11	21.32	21.21	18.64
		1850.7 (26047)	21.70	21.69	21.80	18.59
	3RB-Low (0)	1914.3 (26683)	21.19	21.30	21.13	18.64
		1882.5 (26365)	21.09	21.22	21.19	18.71
		1850.7 (26047)	21.73	21.71	21.67	18.59
	6RB (0)	1914.3 (26683)	21.15	21.10	20.29	18.83
		1882.5 (26365)	21.19	21.19	20.31	18.86
		1850.7 (26047)	21.73	21.76	20.89	18.68
3MHz	1RB-High (14)	1913.5 (26675)	20.92	21.29	21.20	18.76
		1882.5 (26365)	21.24	21.70	21.51	18.58
		1851.5 (26055)	21.59	21.66	21.87	18.82
	1RB-Middle (7)	1913.5 (26675)	21.01	21.45	21.04	18.50
		1882.5 (26365)	21.19	21.45	21.42	18.88
		1851.5 (26055)	21.76	21.84	21.79	18.82
	1RB-Low (0)	1913.5 (26675)	20.96	21.25	21.22	18.60
		1882.5 (26365)	21.18	21.45	21.31	18.85
		1851.5 (26055)	21.53	21.84	21.79	18.74
	8RB-High (7)	1913.5 (26675)	21.10	21.15	20.21	18.79
		1882.5 (26365)	21.20	21.36	20.30	18.81
		1851.5 (26055)	21.72	21.80	20.76	18.52
	8RB-Middle (4)	1913.5 (26675)	21.14	21.22	20.20	18.64
		1882.5 (26365)	21.19	21.26	20.13	18.80
		1851.5 (26055)	21.75	21.77	20.82	18.88
	8RB-Low (0)	1913.5 (26675)	21.10	21.16	20.16	18.71
		1882.5 (26365)	21.21	21.14	20.22	18.57
		1851.5 (26055)	21.80	21.56	20.77	18.72
	15RB (0)	1913.5 (26675)	21.03	21.09	20.16	18.81
		1882.5 (26365)	21.19	21.22	20.20	18.88
		1851.5 (26055)	21.78	21.70	20.70	18.85

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5MHz	1RB-High (24)	1912.5 (26665)	21.04	21.45	21.25	18.74
		1882.5 (26365)	21.20	21.36	21.40	18.80
		1852.5 (26065)	21.58	21.77	21.64	18.79
	1RB-Middle (12)	1912.5 (26665)	21.07	21.62	21.39	18.63
		1882.5 (26365)	21.18	21.53	21.33	18.84
		1852.5 (26065)	21.85	21.90	21.55	18.50
	1RB-Low (0)	1912.5 (26665)	20.94	21.28	21.07	18.56
		1882.5 (26365)	21.14	21.43	21.42	18.55
		1852.5 (26065)	21.62	21.91	21.61	18.76
	12RB-High (13)	1912.5 (26665)	21.16	21.18	20.14	18.90
		1882.5 (26365)	21.20	21.31	20.28	18.74
		1852.5 (26065)	21.75	21.53	20.78	18.64
	12RB-Middle (6)	1912.5 (26665)	21.05	21.26	20.19	18.80
		1882.5 (26365)	21.18	21.27	20.25	18.67
		1852.5 (26065)	21.71	21.77	20.84	18.76
	12RB-Low (0)	1912.5 (26665)	20.97	21.09	19.98	18.85
		1882.5 (26365)	21.12	21.18	20.20	18.56
		1852.5 (26065)	21.80	21.79	20.80	18.82
	25RB (0)	1912.5 (26665)	21.08	21.11	20.08	18.88
		1882.5 (26365)	21.20	21.11	20.21	18.78
		1852.5 (26065)	21.70	21.69	20.72	18.82
10MHz	1RB-High (49)	1910 (26640)	21.06	21.46	21.26	18.87
		1882.5 (26365)	21.23	21.47	21.19	18.76
		1855 (26090)	21.72	21.74	21.67	18.80
	1RB-Middle (24)	1910 (26640)	21.05	21.30	21.23	18.51
		1882.5 (26365)	21.12	21.38	21.41	18.85
		1855 (26090)	21.65	21.97	21.56	18.64
	1RB-Low (0)	1910 (26640)	20.84	21.33	21.20	18.64
		1882.5 (26365)	21.27	21.72	21.45	18.64
		1855 (26090)	21.80	21.63	21.63	18.83
	25RB-High (25)	1910 (26640)	21.15	21.23	20.19	18.51
		1882.5 (26365)	21.24	21.35	20.21	18.59
		1855 (26090)	21.73	21.51	20.77	18.70
	25RB-Middle (12)	1910 (26640)	21.18	21.12	20.14	18.59
		1882.5 (26365)	21.16	21.25	20.17	18.77
		1855 (26090)	21.77	21.53	20.71	18.63
	25RB-Low (0)	1910 (26640)	20.99	21.05	19.99	18.54
		1882.5 (26365)	21.36	21.26	20.23	18.75
		1855 (26090)	21.80	21.76	20.77	18.80
	50RB (0)	1910 (26640)	21.12	21.15	20.10	18.80
		1882.5 (26365)	21.29	21.19	20.27	18.51
		1855 (26090)	21.82	21.76	20.69	18.86

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15MHz	1RB-High (74)	1907.5 (26615)	20.87	21.21	21.09	18.59
		1882.5 (26365)	20.97	21.33	21.24	18.84
		1857.5 (26115)	21.50	21.69	21.54	18.60
	1RB-Middle (37)	1907.5 (26615)	20.92	21.22	20.92	18.70
		1882.5 (26365)	20.99	21.33	21.12	18.86
		1857.5 (26115)	21.51	21.81	21.86	18.85
	1RB-Low (0)	1907.5 (26615)	20.73	20.87	20.82	18.78
		1882.5 (26365)	21.25	21.43	21.40	18.86
		1857.5 (26115)	21.65	21.86	21.71	18.56
	36RB-High (38)	1907.5 (26615)	21.05	21.08	20.09	18.69
		1882.5 (26365)	21.17	21.12	20.16	18.71
		1857.5 (26115)	21.62	21.58	20.58	18.60
	36RB-Middle (19)	1907.5 (26615)	20.97	20.96	19.90	18.85
		1882.5 (26365)	21.17	21.02	20.06	18.60
		1857.5 (26115)	21.63	21.64	20.69	18.74
	36RB-Low (0)	1907.5 (26615)	20.81	20.97	19.84	18.72
		1882.5 (26365)	21.24	21.20	20.22	18.82
		1857.5 (26115)	21.53	21.62	20.63	18.52
	75RB (0)	1907.5 (26615)	20.95	20.95	19.94	18.69
		1882.5 (26365)	21.13	21.10	20.13	18.64
		1857.5 (26115)	21.65	21.68	20.63	18.85
20MHz	1RB-High (99)	1905 (26590)	20.91	21.82	21.05	18.51
		1882.5 (26365)	20.85	20.99	20.95	18.85
		1860 (26140)	21.23	21.50	21.35	18.66
	1RB-Middle (50)	1905 (26590)	20.76	20.98	20.87	18.57
		1882.5 (26365)	20.93	21.12	21.14	18.60
		1860 (26140)	21.53	21.71	21.56	18.78
	1RB-Low (0)	1905 (26590)	20.76	20.85	20.89	18.77
		1882.5 (26365)	21.47	21.54	21.27	18.67
		1860 (26140)	21.56	21.41	21.75	18.85
	50RB-High (50)	1905 (26590)	21.04	21.06	19.99	18.80
		1882.5 (26365)	20.92	21.11	20.00	18.75
		1860 (26140)	21.46	21.48	20.46	18.63
	50RB-Middle (25)	1905 (26590)	20.95	21.00	19.98	18.69
		1882.5 (26365)	21.00	21.05	20.04	18.52
		1860 (26140)	21.52	21.53	20.58	18.65
	50RB-Low (0)	1905 (26590)	20.79	20.74	19.73	18.55
		1882.5 (26365)	21.10	21.14	20.16	18.79
		1860 (26140)	21.57	21.53	20.62	18.69
	100RB (0)	1905 (26590)	20.91	20.92	19.95	18.83
		1882.5 (26365)	21.06	21.01	19.98	18.62
		1860 (26140)	21.53	21.58	20.53	18.78

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LTE Band25(ANT7 DSI 9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1914.3 (26683)	18.62	19.08	18.73	18.84
		1882.5 (26365)	18.62	19.10	18.72	18.62
		1850.7 (26047)	19.17	19.19	19.06	18.79
	1RB-Middle (3)	1914.3 (26683)	18.75	19.00	19.22	18.90
		1882.5 (26365)	18.78	19.04	19.00	18.61
		1850.7 (26047)	19.28	19.34	19.36	18.53
	1RB-Low (0)	1914.3 (26683)	18.62	19.16	18.70	18.74
		1882.5 (26365)	18.70	19.20	18.72	18.89
		1850.7 (26047)	19.22	19.23	19.31	18.69
	3RB-High (3)	1914.3 (26683)	18.72	18.78	18.72	18.78
		1882.5 (26365)	18.68	18.78	18.76	18.57
		1850.7 (26047)	19.28	19.39	19.32	18.54
	3RB-Middle (1)	1914.3 (26683)	18.73	18.78	18.84	18.87
		1882.5 (26365)	18.79	18.90	18.59	18.53
		1850.7 (26047)	19.31	19.12	19.04	18.67
	3RB-Low (0)	1914.3 (26683)	18.73	19.07	18.78	18.87
		1882.5 (26365)	18.76	19.00	18.78	18.67
		1850.7 (26047)	19.25	19.36	19.05	18.66
	6RB (0)	1914.3 (26683)	18.71	18.71	18.71	18.90
		1882.5 (26365)	18.72	18.68	18.79	18.57
		1850.7 (26047)	19.33	19.01	19.29	18.58
3MHz	1RB-High (14)	1913.5 (26675)	18.74	19.11	18.81	18.53
		1882.5 (26365)	18.88	19.37	18.95	18.76
		1851.5 (26055)	19.15	19.14	19.04	18.53
	1RB-Middle (7)	1913.5 (26675)	18.75	19.07	18.86	18.86
		1882.5 (26365)	18.74	19.02	18.86	18.82
		1851.5 (26055)	19.23	19.29	19.31	18.50
	1RB-Low (0)	1913.5 (26675)	18.64	18.85	18.53	18.60
		1882.5 (26365)	18.84	19.17	19.00	18.53
		1851.5 (26055)	19.26	19.36	19.30	18.62
	8RB-High (7)	1913.5 (26675)	18.81	18.81	18.76	18.79
		1882.5 (26365)	18.89	18.89	18.74	18.72
		1851.5 (26055)	19.24	19.07	19.32	18.76
	8RB-Middle (4)	1913.5 (26675)	18.77	18.79	18.74	18.67
		1882.5 (26365)	18.82	18.86	18.80	18.83
		1851.5 (26055)	19.32	19.31	19.32	18.74
	8RB-Low (0)	1913.5 (26675)	18.71	18.81	18.76	18.89
		1882.5 (26365)	18.84	18.84	18.74	18.64
		1851.5 (26055)	19.30	19.40	19.35	18.87
	15RB (0)	1913.5 (26675)	18.77	18.73	18.70	18.59
		1882.5 (26365)	18.79	18.73	18.81	18.60
		1851.5 (26055)	19.27	19.30	19.31	18.50

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5MHz	1RB-High (24)	1912.5 (26665)	18.73	18.97	18.94	18.66
		1882.5 (26365)	18.77	19.05	18.96	18.75
		1852.5 (26065)	19.25	19.18	19.06	18.76
	1RB-Middle (12)	1912.5 (26665)	18.73	19.21	18.68	18.76
		1882.5 (26365)	18.77	19.15	18.72	18.68
		1852.5 (26065)	19.21	19.28	19.05	18.80
	1RB-Low (0)	1912.5 (26665)	18.61	18.75	18.69	18.86
		1882.5 (26365)	18.80	19.10	18.96	18.67
		1852.5 (26065)	19.25	19.16	19.33	18.75
	12RB-High (13)	1912.5 (26665)	18.71	18.73	18.72	18.88
		1882.5 (26365)	18.89	18.92	18.85	18.71
		1852.5 (26065)	19.32	19.40	19.37	18.73
	12RB-Middle (6)	1912.5 (26665)	18.72	18.64	18.62	18.84
		1882.5 (26365)	18.87	18.82	18.83	18.62
		1852.5 (26065)	19.34	19.06	19.38	18.75
	12RB-Low (0)	1912.5 (26665)	18.64	18.61	18.59	18.61
		1882.5 (26365)	18.73	18.73	18.71	18.58
		1852.5 (26065)	19.29	19.32	19.32	18.84
	25RB (0)	1912.5 (26665)	18.68	18.68	18.55	18.69
		1882.5 (26365)	18.71	18.79	18.76	18.64
		1852.5 (26065)	19.33	19.35	19.28	18.89
10MHz	1RB-High (49)	1910 (26640)	18.65	19.13	18.93	18.88
		1882.5 (26365)	18.71	19.03	18.77	18.78
		1855 (26090)	19.18	19.27	19.15	18.67
	1RB-Middle (24)	1910 (26640)	18.68	18.96	18.83	18.87
		1882.5 (26365)	18.78	19.08	18.85	18.88
		1855 (26090)	19.19	19.39	19.32	18.87
	1RB-Low (0)	1910 (26640)	18.50	18.96	18.60	18.51
		1882.5 (26365)	18.70	19.27	18.96	18.88
		1855 (26090)	19.22	19.28	19.14	18.78
	25RB-High (25)	1910 (26640)	18.70	18.72	18.67	18.86
		1882.5 (26365)	18.85	18.76	18.79	18.78
		1855 (26090)	19.29	19.29	19.27	18.71
	25RB-Middle (12)	1910 (26640)	18.71	18.73	18.69	18.53
		1882.5 (26365)	18.85	18.71	18.78	18.56
		1855 (26090)	19.38	19.32	19.30	18.65
	25RB-Low (0)	1910 (26640)	18.62	18.52	18.50	18.88
		1882.5 (26365)	18.84	18.79	18.81	18.56
		1855 (26090)	19.27	19.30	19.30	18.74
	50RB (0)	1910 (26640)	18.75	18.64	18.64	18.55
		1882.5 (26365)	18.81	18.73	18.81	18.59
		1855 (26090)	19.27	19.27	19.27	18.58

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15MHz	1RB-High (74)	1907.5 (26615)	18.52	18.92	18.82	18.88
		1882.5 (26365)	18.41	18.38	18.54	18.66
		1857.5 (26115)	19.03	19.28	19.06	18.54
	1RB-Middle (37)	1907.5 (26615)	18.54	18.72	18.49	18.69
		1882.5 (26365)	18.62	19.07	18.63	18.55
		1857.5 (26115)	18.96	19.24	19.12	18.86
	1RB-Low (0)	1907.5 (26615)	18.22	18.45	18.38	18.51
		1882.5 (26365)	18.64	18.97	18.62	18.55
		1857.5 (26115)	19.05	19.45	19.35	18.56
	36RB-High (38)	1907.5 (26615)	18.65	18.55	18.43	18.88
		1882.5 (26365)	18.62	18.65	18.67	18.89
		1857.5 (26115)	19.10	19.09	19.07	18.60
	36RB-Middle (19)	1907.5 (26615)	18.42	18.47	18.45	18.90
		1882.5 (26365)	18.56	18.64	18.58	18.62
		1857.5 (26115)	19.12	19.21	19.23	18.58
	36RB-Low (0)	1907.5 (26615)	18.40	18.32	18.36	18.50
		1882.5 (26365)	18.72	18.68	18.68	18.90
		1857.5 (26115)	19.12	19.18	19.11	18.73
	75RB (0)	1907.5 (26615)	18.35	18.46	18.46	18.63
		1882.5 (26365)	18.66	18.62	18.63	18.67
		1857.5 (26115)	19.13	19.14	19.09	18.69
20MHz	1RB-High (99)	1905 (26590)	18.75	18.98	18.81	18.67
		1882.5 (26365)	18.38	18.76	18.36	18.59
		1860 (26140)	18.95	19.11	19.19	18.70
	1RB-Middle (50)	1905 (26590)	18.49	19.09	19.23	18.66
		1882.5 (26365)	18.63	18.83	19.31	18.72
		1860 (26140)	18.97	19.24	19.20	18.74
	1RB-Low (0)	1905 (26590)	18.34	18.67	18.40	18.76
		1882.5 (26365)	18.83	19.26	18.79	18.60
		1860 (26140)	18.98	19.45	19.21	18.57
	50RB-High (50)	1905 (26590)	18.59	18.61	18.61	18.58
		1882.5 (26365)	18.70	18.64	18.64	18.65
		1860 (26140)	19.04	19.12	19.17	18.61
	50RB-Middle (25)	1905 (26590)	18.41	18.52	18.53	18.56
		1882.5 (26365)	18.68	18.64	18.71	18.61
		1860 (26140)	19.13	19.26	19.19	18.71
	50RB-Low (0)	1905 (26590)	18.42	18.45	18.36	18.59
		1882.5 (26365)	18.77	18.72	18.82	18.54
		1860 (26140)	19.20	19.21	19.11	18.50
	100RB (0)	1905 (26590)	18.64	18.53	18.59	18.60
		1882.5 (26365)	18.66	18.67	18.69	18.68
		1860 (26140)	19.14	19.18	19.13	18.90

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LTE Band26(ANT0 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	22.51	22.37	21.48	18.29
		831.5 (26865)	22.34	22.52	21.55	18.25
		814.7 (26697)	22.09	22.27	21.07	18.11
	1RB-Middle (3)	848.3 (27033)	22.47	22.32	21.57	18.14
		831.5 (26865)	22.40	22.30	21.44	18.21
		814.7 (26697)	22.18	22.29	21.28	18.25
	1RB-Low (0)	848.3 (27033)	22.38	22.20	21.48	18.11
		831.5 (26865)	22.24	22.45	21.56	18.11
		814.7 (26697)	22.08	22.24	21.16	18.17
	3RB-High (3)	848.3 (27033)	22.39	22.55	21.52	18.06
		831.5 (26865)	22.34	22.48	21.49	18.12
		814.7 (26697)	22.08	22.28	21.16	18.14
	3RB-Middle (1)	848.3 (27033)	22.40	22.58	21.48	18.11
		831.5 (26865)	22.26	22.48	21.36	18.17
		814.7 (26697)	22.09	22.15	21.15	18.14
	3RB-Low (0)	848.3 (27033)	22.45	22.54	21.48	18.09
		831.5 (26865)	22.33	22.39	21.29	18.12
		814.7 (26697)	22.08	22.19	21.25	18.16
	6RB (0)	848.3 (27033)	22.42	21.44	20.45	18.19
		831.5 (26865)	22.31	21.27	20.35	18.28
		814.7 (26697)	22.04	21.15	20.07	18.25
3MHz	1RB-High (14)	847.5 (27025)	22.30	22.21	21.55	18.25
		831.5 (26865)	22.24	22.27	21.59	18.11
		815.5 (26705)	21.99	22.19	21.13	18.15
	1RB-Middle (7)	847.5 (27025)	22.38	22.47	21.58	18.22
		831.5 (26865)	22.34	22.36	21.67	18.21
		815.5 (26705)	22.07	21.95	21.29	18.11
	1RB-Low (0)	847.5 (27025)	22.30	22.37	21.43	18.19
		831.5 (26865)	22.40	22.49	21.39	18.21
		815.5 (26705)	22.01	22.43	21.27	18.08
	8RB-High (7)	847.5 (27025)	22.53	21.53	20.47	18.23
		831.5 (26865)	22.51	21.48	20.47	18.32
		815.5 (26705)	22.17	21.19	20.25	18.25
	8RB-Middle (4)	847.5 (27025)	22.46	21.53	20.49	18.34
		831.5 (26865)	22.36	21.42	20.37	18.35
		815.5 (26705)	22.13	21.24	20.19	18.30
	8RB-Low (0)	847.5 (27025)	22.37	21.54	20.37	18.20
		831.5 (26865)	22.40	21.40	20.32	18.21
		815.5 (26705)	22.02	21.14	20.19	18.33
	15RB (0)	847.5 (27025)	22.34	21.41	20.37	18.30
		831.5 (26865)	22.38	21.34	20.24	18.21
		815.5 (26705)	22.08	21.12	20.14	18.21

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5MHz	1RB-High (24)	846.5 (27015)	22.40	22.44	21.62	18.12
		831.5 (26865)	22.30	22.30	21.38	18.24
		816.5 (26715)	22.11	22.31	21.35	18.16
	1RB-Middle (12)	846.5 (27015)	22.42	22.25	21.54	18.13
		831.5 (26865)	22.40	22.37	21.55	18.20
		816.5 (26715)	22.24	22.06	21.29	18.25
	1RB-Low (0)	846.5 (27015)	22.29	22.31	21.52	18.14
		831.5 (26865)	22.34	22.40	21.66	18.02
		816.5 (26715)	22.08	22.34	21.30	18.17
	12RB-High (13)	846.5 (27015)	22.46	21.45	20.45	18.16
		831.5 (26865)	22.35	21.39	20.52	18.33
		816.5 (26715)	22.14	21.17	20.20	18.20
	12RB-Middle (6)	846.5 (27015)	22.55	21.52	20.54	18.25
		831.5 (26865)	22.33	21.51	20.42	18.30
		816.5 (26715)	22.19	21.28	20.24	18.28
	12RB-Low (0)	846.5 (27015)	22.36	21.39	20.37	18.22
		831.5 (26865)	22.35	21.36	20.37	18.18
		816.5 (26715)	22.12	21.15	20.15	18.16
	25RB (0)	846.5 (27015)	22.50	21.50	20.49	18.22
		831.5 (26865)	22.34	21.42	20.37	18.16
		816.5 (26715)	22.19	21.21	20.14	18.25
10MHz	1RB-High (49)	844 (26990)	22.50	22.47	21.54	18.09
		831.5 (26865)	22.25	22.34	21.74	18.10
		820 (26750)	22.15	22.36	21.19	18.01
	1RB-Middle (24)	844 (26990)	22.34	22.53	21.55	18.19
		831.5 (26865)	22.37	22.58	21.70	18.24
		820 (26750)	22.08	22.20	21.10	18.30
	1RB-Low (0)	844 (26990)	22.37	22.40	22.14	18.30
		831.5 (26865)	22.16	22.24	21.50	18.09
		820 (26750)	21.97	22.23	21.33	18.36
	25RB-High (25)	844 (26990)	22.45	21.46	20.51	18.20
		831.5 (26865)	22.50	21.45	20.40	18.28
		820 (26750)	22.25	21.26	20.18	18.25
	25RB-Middle (12)	844 (26990)	22.47	21.53	20.52	18.28
		831.5 (26865)	22.33	21.43	20.36	18.20
		820 (26750)	22.30	21.35	20.24	18.31
	25RB-Low (0)	844 (26990)	22.43	21.41	20.48	18.21
		831.5 (26865)	22.27	21.34	20.39	18.21
		820 (26750)	22.16	21.20	20.23	18.21
	50RB (0)	844 (26990)	22.51	21.45	20.46	18.26
		831.5 (26865)	22.36	21.35	20.33	18.25
		820 (26750)	22.20	21.24	20.19	18.26

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15MHz	1RB-High (74)	841.5 (26965)	22.15	22.40	21.33	17.92
		831.5 (26865)	22.03	22.33	21.06	17.92
		822.5 (26775)	22.08	22.40	21.19	17.90
	1RB-Middle (37)	841.5 (26965)	22.25	22.41	21.26	18.22
		831.5 (26865)	21.99	22.36	21.28	17.97
		822.5 (26775)	22.00	22.25	21.39	18.33
	1RB-Low (0)	841.5 (26965)	22.07	22.39	21.22	18.12
		831.5 (26865)	21.96	22.36	20.97	18.14
		822.5 (26775)	21.82	22.21	21.08	18.07
	36RB-High (38)	841.5 (26965)	22.22	21.33	20.21	18.16
		831.5 (26865)	22.25	21.18	20.22	18.14
		822.5 (26775)	22.18	21.18	20.03	18.15
	36RB-Middle (19)	841.5 (26965)	22.18	21.20	20.20	18.14
		831.5 (26865)	22.17	21.17	20.18	18.14
		822.5 (26775)	22.11	21.04	20.10	18.14
	36RB-Low (0)	841.5 (26965)	22.20	21.20	20.21	18.09
		831.5 (26865)	22.12	21.20	20.11	18.13
		822.5 (26775)	21.90	20.97	19.98	18.13
	75RB (0)	841.5 (26965)	22.25	21.34	20.17	18.14
		831.5 (26865)	22.12	21.14	20.24	18.16
		822.5 (26775)	22.05	21.08	20.10	18.19

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LTE Band26(ANT0 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	20.30	20.31	20.36	18.39
		831.5 (26865)	20.18	20.55	20.49	18.35
		814.7 (26697)	19.98	20.33	20.11	18.21
	1RB-Middle (3)	848.3 (27033)	20.32	20.43	20.27	18.24
		831.5 (26865)	20.30	20.51	20.46	18.31
		814.7 (26697)	19.95	20.35	20.21	18.35
	1RB-Low (0)	848.3 (27033)	20.34	20.41	20.48	18.21
		831.5 (26865)	20.17	20.44	20.10	18.21
		814.7 (26697)	19.93	20.32	20.21	18.27
	3RB-High (3)	848.3 (27033)	20.34	20.51	20.30	18.16
		831.5 (26865)	20.27	20.34	20.41	18.22
		814.7 (26697)	19.97	20.13	20.08	18.24
	3RB-Middle (1)	848.3 (27033)	20.36	20.50	20.39	18.21
		831.5 (26865)	20.26	20.37	20.27	18.27
		814.7 (26697)	19.99	20.07	19.97	18.24
	3RB-Low (0)	848.3 (27033)	20.32	20.39	20.41	18.19
		831.5 (26865)	20.25	20.27	20.25	18.22
		814.7 (26697)	19.97	20.15	20.02	18.26
	6RB (0)	848.3 (27033)	20.36	20.39	20.36	18.29
		831.5 (26865)	20.22	20.42	20.11	18.38
		814.7 (26697)	20.00	20.03	19.97	18.35
3MHz	1RB-High (14)	847.5 (27025)	20.22	20.42	20.32	18.35
		831.5 (26865)	20.18	20.35	20.43	18.21
		815.5 (26705)	19.83	20.34	20.04	18.25
	1RB-Middle (7)	847.5 (27025)	20.33	20.51	20.34	18.32
		831.5 (26865)	20.19	20.55	20.35	18.31
		815.5 (26705)	20.07	20.45	20.18	18.21
	1RB-Low (0)	847.5 (27025)	20.29	20.45	20.33	18.29
		831.5 (26865)	20.13	20.33	20.38	18.31
		815.5 (26705)	20.01	20.48	20.04	18.18
	8RB-High (7)	847.5 (27025)	20.23	20.39	20.41	18.33
		831.5 (26865)	20.32	20.41	20.35	18.42
		815.5 (26705)	20.06	20.07	20.09	18.35
	8RB-Middle (4)	847.5 (27025)	20.38	20.43	20.42	18.44
		831.5 (26865)	20.29	20.32	20.33	18.45
		815.5 (26705)	20.06	20.07	20.13	18.40
	8RB-Low (0)	847.5 (27025)	20.33	20.35	20.32	18.30
		831.5 (26865)	20.24	20.28	20.27	18.31
		815.5 (26705)	19.90	20.03	20.06	18.43
	15RB (0)	847.5 (27025)	20.25	20.31	20.30	18.40
		831.5 (26865)	20.29	20.30	20.16	18.31
		815.5 (26705)	19.98	20.04	20.02	18.31

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5MHz	1RB-High (24)	846.5 (27015)	20.21	20.38	20.47	18.22
		831.5 (26865)	20.28	20.47	20.41	18.34
		816.5 (26715)	19.94	20.24	20.24	18.26
	1RB-Middle (12)	846.5 (27015)	20.32	20.47	20.37	18.23
		831.5 (26865)	20.34	20.31	20.31	18.30
		816.5 (26715)	19.87	20.52	20.14	18.35
	1RB-Low (0)	846.5 (27015)	20.26	20.49	20.41	18.24
		831.5 (26865)	20.19	20.45	20.17	18.12
		816.5 (26715)	19.92	20.54	20.05	18.27
	12RB-High (13)	846.5 (27015)	20.38	20.37	20.37	18.26
		831.5 (26865)	20.26	20.30	20.34	18.43
		816.5 (26715)	20.07	20.10	20.21	18.30
	12RB-Middle (6)	846.5 (27015)	20.39	20.42	20.40	18.35
		831.5 (26865)	20.28	20.34	20.36	18.40
		816.5 (26715)	20.09	20.17	20.11	18.38
	12RB-Low (0)	846.5 (27015)	20.27	20.35	20.34	18.32
		831.5 (26865)	20.22	20.32	20.23	18.28
		816.5 (26715)	19.97	19.98	20.03	18.26
	25RB (0)	846.5 (27015)	20.34	20.35	20.32	18.32
		831.5 (26865)	20.19	20.27	20.23	18.26
		816.5 (26715)	20.08	20.06	20.13	18.35
10MHz	1RB-High (49)	844 (26990)	20.34	20.55	20.23	18.19
		831.5 (26865)	20.29	20.31	20.37	18.20
		820 (26750)	20.10	20.51	20.23	18.11
	1RB-Middle (24)	844 (26990)	20.28	20.33	20.39	18.29
		831.5 (26865)	20.38	20.40	20.37	18.34
		820 (26750)	20.04	20.37	20.07	18.41
	1RB-Low (0)	844 (26990)	20.24	20.33	20.31	18.41
		831.5 (26865)	20.14	20.47	20.36	18.19
		820 (26750)	19.91	20.47	20.38	18.46
	25RB-High (25)	844 (26990)	20.43	20.38	20.28	18.30
		831.5 (26865)	20.34	20.27	20.32	18.38
		820 (26750)	20.22	20.21	20.12	18.35
	25RB-Middle (12)	844 (26990)	20.38	20.50	20.38	18.38
		831.5 (26865)	20.32	20.26	20.28	18.30
		820 (26750)	20.17	20.20	20.22	18.41
	25RB-Low (0)	844 (26990)	20.36	20.32	20.35	18.31
		831.5 (26865)	20.23	20.26	20.32	18.31
		820 (26750)	20.11	20.11	20.08	18.31
	50RB (0)	844 (26990)	20.46	20.41	20.40	18.36
		831.5 (26865)	20.31	20.22	20.23	18.35
		820 (26750)	20.19	20.16	20.10	18.36

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15MHz	1RB-High (74)	841.5 (26965)	20.10	20.47	20.23	18.01
		831.5 (26865)	19.96	20.32	20.16	18.02
		822.5 (26775)	20.03	20.13	19.97	18.00
	1RB-Middle (37)	841.5 (26965)	20.09	20.24	20.43	18.32
		831.5 (26865)	19.98	20.23	20.04	18.07
		822.5 (26775)	19.68	20.07	19.95	18.43
	1RB-Low (0)	841.5 (26965)	20.06	20.38	20.08	18.22
		831.5 (26865)	19.87	19.98	19.96	18.24
		822.5 (26775)	19.74	20.12	19.82	18.17
	36RB-High (38)	841.5 (26965)	20.11	20.12	20.15	18.26
		831.5 (26865)	20.14	20.05	20.11	18.24
		822.5 (26775)	19.99	20.07	20.04	18.25
	36RB-Middle (19)	841.5 (26965)	20.05	20.19	20.10	18.24
		831.5 (26865)	20.09	20.06	20.06	18.24
		822.5 (26775)	19.98	19.95	19.99	18.24
	36RB-Low (0)	841.5 (26965)	20.24	20.08	20.14	18.19
		831.5 (26865)	20.08	20.06	20.04	18.23
		822.5 (26775)	19.85	19.93	19.84	18.23
	75RB (0)	841.5 (26965)	20.13	20.12	20.15	18.24
		831.5 (26865)	20.08	20.06	20.06	18.26
		822.5 (26775)	19.96	20.06	19.99	18.29

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LTE Band26(ANT0 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	19.12	19.47	19.36	18.02
		831.5 (26865)	19.17	19.36	19.28	18.03
		814.7 (26697)	18.87	19.40	18.99	18.25
	1RB-Middle (3)	848.3 (27033)	19.20	19.49	19.52	18.01
		831.5 (26865)	19.22	19.43	19.47	18.04
		814.7 (26697)	18.95	19.18	19.03	18.09
	1RB-Low (0)	848.3 (27033)	19.20	19.52	19.28	18.20
		831.5 (26865)	19.11	19.50	19.17	18.12
		814.7 (26697)	18.84	19.28	18.90	18.27
	3RB-High (3)	848.3 (27033)	19.19	19.40	19.39	18.07
		831.5 (26865)	19.15	19.40	19.24	18.27
		814.7 (26697)	18.87	19.16	19.00	18.24
	3RB-Middle (1)	848.3 (27033)	19.25	19.35	19.43	18.07
		831.5 (26865)	19.07	19.29	19.12	18.29
		814.7 (26697)	18.86	19.12	19.00	18.21
	3RB-Low (0)	848.3 (27033)	19.20	19.34	19.34	18.17
		831.5 (26865)	19.10	19.24	19.18	18.19
		814.7 (26697)	18.94	18.92	18.91	18.19
	6RB (0)	848.3 (27033)	19.22	19.23	19.29	18.20
		831.5 (26865)	19.13	19.18	19.14	18.29
		814.7 (26697)	18.92	18.88	18.91	18.26
3MHz	1RB-High (14)	847.5 (27025)	19.13	19.44	19.16	18.08
		831.5 (26865)	19.07	19.48	19.25	18.06
		815.5 (26705)	19.08	19.32	19.50	18.16
	1RB-Middle (7)	847.5 (27025)	19.15	19.40	19.30	18.18
		831.5 (26865)	19.28	19.41	19.41	18.11
		815.5 (26705)	19.01	19.31	19.53	18.26
	1RB-Low (0)	847.5 (27025)	19.20	19.37	19.22	18.15
		831.5 (26865)	18.91	19.27	19.14	18.23
		815.5 (26705)	18.95	19.10	19.39	18.14
	8RB-High (7)	847.5 (27025)	19.22	19.38	19.27	18.29
		831.5 (26865)	19.19	19.33	19.26	18.19
		815.5 (26705)	19.01	19.51	19.33	18.04
	8RB-Middle (4)	847.5 (27025)	19.32	19.45	19.29	18.26
		831.5 (26865)	19.16	19.29	19.19	18.10
		815.5 (26705)	19.10	19.33	19.26	18.03
	8RB-Low (0)	847.5 (27025)	19.21	19.21	19.24	18.00
		831.5 (26865)	19.13	19.21	19.16	18.17
		815.5 (26705)	19.08	18.77	19.11	18.11
	15RB (0)	847.5 (27025)	19.18	19.21	19.21	18.21
		831.5 (26865)	19.07	19.22	19.23	18.21
		815.5 (26705)	18.81	18.93	19.16	18.20

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5MHz	1RB-High (24)	846.5 (27015)	19.13	19.58	19.18	18.13
		831.5 (26865)	19.02	19.51	19.25	18.28
		816.5 (26715)	18.96	19.14	19.15	18.27
	1RB-Middle (12)	846.5 (27015)	19.27	19.43	19.29	18.17
		831.5 (26865)	19.38	19.51	19.57	18.25
		816.5 (26715)	19.03	19.26	19.13	18.29
	1RB-Low (0)	846.5 (27015)	19.20	19.44	19.19	18.18
		831.5 (26865)	19.24	19.50	19.29	18.23
		816.5 (26715)	18.81	19.20	18.90	18.03
	12RB-High (13)	846.5 (27015)	19.24	19.32	19.31	18.22
		831.5 (26865)	19.28	19.38	19.27	18.22
		816.5 (26715)	19.00	18.95	18.93	18.06
	12RB-Middle (6)	846.5 (27015)	19.30	19.35	19.35	18.22
		831.5 (26865)	19.15	19.27	19.16	18.17
		816.5 (26715)	19.03	19.04	18.95	18.18
	12RB-Low (0)	846.5 (27015)	19.27	19.31	19.14	18.29
		831.5 (26865)	19.19	19.31	19.16	18.12
		816.5 (26715)	18.96	18.93	18.87	18.27
	25RB (0)	846.5 (27015)	19.19	19.24	19.27	18.15
		831.5 (26865)	19.21	19.20	19.08	18.03
		816.5 (26715)	18.94	19.02	18.97	18.27
10MHz	1RB-High (49)	844 (26990)	19.19	19.54	19.30	18.23
		831.5 (26865)	19.20	19.43	19.36	18.29
		820 (26750)	18.91	19.51	19.06	18.19
	1RB-Middle (24)	844 (26990)	19.14	19.41	19.39	18.00
		831.5 (26865)	19.19	19.44	19.36	18.14
		820 (26750)	18.96	19.27	19.26	18.15
	1RB-Low (0)	844 (26990)	19.16	19.48	19.49	18.03
		831.5 (26865)	19.00	19.54	19.11	18.13
		820 (26750)	18.76	19.41	19.06	18.23
	25RB-High (25)	844 (26990)	19.29	19.35	19.34	18.14
		831.5 (26865)	19.22	19.31	19.29	18.06
		820 (26750)	19.05	19.18	19.07	18.08
	25RB-Middle (12)	844 (26990)	19.33	19.31	19.27	18.16
		831.5 (26865)	19.20	19.30	19.27	18.02
		820 (26750)	19.10	19.18	19.19	18.03
	25RB-Low (0)	844 (26990)	19.19	19.30	19.26	18.05
		831.5 (26865)	19.19	19.21	19.20	18.05
		820 (26750)	18.95	19.03	18.98	18.21
	50RB (0)	844 (26990)	19.25	19.31	19.35	18.17
		831.5 (26865)	19.15	19.21	19.24	18.25
		820 (26750)	19.05	19.12	19.14	18.06

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15MHz	1RB-High (74)	841.5 (26965)	18.95	19.31	19.10	18.27
		831.5 (26865)	19.00	19.14	19.26	18.13
		822.5 (26775)	18.92	19.19	19.17	18.23
	1RB-Middle (37)	841.5 (26965)	19.03	19.24	19.30	18.13
		831.5 (26865)	18.99	19.23	19.29	18.20
		822.5 (26775)	18.81	19.11	19.21	18.03
	1RB-Low (0)	841.5 (26965)	18.95	19.31	19.35	18.09
		831.5 (26865)	18.75	19.12	19.09	18.09
		822.5 (26775)	18.72	19.03	18.90	18.17
	36RB-High (38)	841.5 (26965)	19.19	19.26	19.16	18.20
		831.5 (26865)	19.16	19.15	19.04	18.21
		822.5 (26775)	19.06	19.08	19.09	18.30
	36RB-Middle (19)	841.5 (26965)	19.08	19.02	18.99	18.26
		831.5 (26865)	19.10	19.04	19.03	18.01
		822.5 (26775)	18.96	18.95	19.00	18.00
	36RB-Low (0)	841.5 (26965)	19.11	19.14	19.08	18.00
		831.5 (26865)	19.01	18.93	19.05	18.04
		822.5 (26775)	18.88	18.82	18.84	18.30
	75RB (0)	841.5 (26965)	19.05	19.09	19.14	18.03
		831.5 (26865)	19.08	19.02	19.03	18.04
		822.5 (26775)	18.91	19.00	18.93	18.02

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LTE Band26(ANT0 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	23.37	22.83	21.51	18.33
		831.5 (26865)	23.31	22.63	21.51	18.29
		814.7 (26697)	23.12	22.23	21.38	18.15
	1RB-Middle (3)	848.3 (27033)	23.47	22.93	21.68	18.18
		831.5 (26865)	23.43	22.81	21.51	18.25
		814.7 (26697)	23.07	22.59	21.10	18.29
	1RB-Low (0)	848.3 (27033)	23.36	22.76	21.42	18.15
		831.5 (26865)	23.35	22.60	21.54	18.15
		814.7 (26697)	23.03	22.41	21.22	18.21
	3RB-High (3)	848.3 (27033)	23.45	22.70	21.50	18.10
		831.5 (26865)	23.40	22.57	21.51	18.16
		814.7 (26697)	23.11	22.19	21.22	18.18
	3RB-Middle (1)	848.3 (27033)	23.42	22.58	21.46	18.15
		831.5 (26865)	23.33	22.38	21.42	18.21
		814.7 (26697)	23.10	22.22	21.23	18.18
	3RB-Low (0)	848.3 (27033)	23.44	22.48	21.59	18.13
		831.5 (26865)	23.33	22.43	21.38	18.16
		814.7 (26697)	23.05	22.24	21.18	18.20
	6RB (0)	848.3 (27033)	22.43	21.48	20.44	18.23
		831.5 (26865)	22.33	21.40	20.21	18.32
		814.7 (26697)	22.14	21.22	20.04	18.29
3MHz	1RB-High (14)	847.5 (27025)	23.35	22.75	21.78	18.29
		831.5 (26865)	23.36	22.91	21.51	18.15
		815.5 (26705)	22.96	22.37	20.57	18.19
	1RB-Middle (7)	847.5 (27025)	23.47	22.89	21.68	18.26
		831.5 (26865)	23.45	22.96	21.44	18.25
		815.5 (26705)	23.18	22.36	20.63	18.15
	1RB-Low (0)	847.5 (27025)	23.22	22.67	21.55	18.23
		831.5 (26865)	23.19	22.42	21.36	18.25
		815.5 (26705)	22.94	22.31	20.56	18.12
	8RB-High (7)	847.5 (27025)	22.45	21.63	20.45	18.27
		831.5 (26865)	22.45	21.49	20.42	18.36
		815.5 (26705)	22.13	21.18	19.43	18.29
	8RB-Middle (4)	847.5 (27025)	22.53	21.64	20.53	18.38
		831.5 (26865)	22.39	21.42	20.30	18.39
		815.5 (26705)	22.17	21.29	19.39	18.34
	8RB-Low (0)	847.5 (27025)	22.37	21.51	20.36	18.24
		831.5 (26865)	22.34	21.45	20.28	18.25
		815.5 (26705)	22.12	21.11	19.46	18.37
	15RB (0)	847.5 (27025)	22.33	21.36	20.36	18.34
		831.5 (26865)	22.32	21.34	20.32	18.25
		815.5 (26705)	22.14	21.17	19.32	18.25

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5MHz	1RB-High (24)	846.5 (27015)	23.34	22.74	21.66	18.16
		831.5 (26865)	23.30	22.68	21.54	18.28
		816.5 (26715)	23.02	22.64	21.15	18.20
	1RB-Middle (12)	846.5 (27015)	23.45	22.65	21.66	18.17
		831.5 (26865)	23.40	22.74	21.55	18.24
		816.5 (26715)	23.02	22.62	21.27	18.29
	1RB-Low (0)	846.5 (27015)	23.38	22.81	21.53	18.18
		831.5 (26865)	23.47	22.52	21.32	18.06
		816.5 (26715)	22.97	22.32	21.17	18.21
	12RB-High (13)	846.5 (27015)	22.49	21.49	20.50	18.20
		831.5 (26865)	22.42	21.37	20.43	18.37
		816.5 (26715)	22.13	21.19	20.17	18.24
	12RB-Middle (6)	846.5 (27015)	22.53	21.59	20.50	18.29
		831.5 (26865)	22.35	21.41	20.41	18.34
		816.5 (26715)	22.21	21.20	20.20	18.32
	12RB-Low (0)	846.5 (27015)	22.42	21.58	20.42	18.26
		831.5 (26865)	22.28	21.36	20.34	18.22
		816.5 (26715)	22.05	21.11	20.07	18.20
	25RB (0)	846.5 (27015)	22.44	21.48	20.42	18.26
		831.5 (26865)	22.32	21.32	20.44	18.20
		816.5 (26715)	22.21	21.24	20.17	18.29
10MHz	1RB-High (49)	844 (26990)	23.34	22.76	21.68	18.13
		831.5 (26865)	23.33	23.06	21.43	18.14
		820 (26750)	23.15	22.80	21.47	18.05
	1RB-Middle (24)	844 (26990)	23.50	22.94	21.65	18.23
		831.5 (26865)	23.35	22.91	21.68	18.28
		820 (26750)	23.25	22.29	21.37	18.35
	1RB-Low (0)	844 (26990)	23.44	22.94	21.60	18.35
		831.5 (26865)	23.23	22.47	21.54	18.13
		820 (26750)	22.99	22.64	21.37	18.40
	25RB-High (25)	844 (26990)	22.42	21.45	20.51	18.24
		831.5 (26865)	22.45	21.39	20.44	18.32
		820 (26750)	22.25	21.08	20.16	18.29
	25RB-Middle (12)	844 (26990)	22.52	21.48	20.58	18.32
		831.5 (26865)	22.37	21.37	20.39	18.24
		820 (26750)	22.20	21.21	20.20	18.35
	25RB-Low (0)	844 (26990)	22.42	21.36	20.38	18.25
		831.5 (26865)	22.34	21.42	20.38	18.25
		820 (26750)	22.15	21.19	20.17	18.25
	50RB (0)	844 (26990)	22.45	21.55	20.50	18.30
		831.5 (26865)	22.40	21.36	20.38	18.29
		820 (26750)	22.29	21.28	20.29	18.30

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15MHz	1RB-High (74)	841.5 (26965)	23.20	22.39	21.30	17.96
		831.5 (26865)	23.17	22.50	21.26	17.96
		822.5 (26775)	22.99	22.45	21.26	17.94
	1RB-Middle (37)	841.5 (26965)	23.23	22.26	21.31	18.26
		831.5 (26865)	23.11	22.55	21.27	18.01
		822.5 (26775)	22.85	22.23	21.20	18.37
	1RB-Low (0)	841.5 (26965)	23.17	22.51	22.07	18.16
		831.5 (26865)	23.03	22.32	21.96	18.18
		822.5 (26775)	22.94	22.15	21.02	18.11
	36RB-High (38)	841.5 (26965)	22.27	21.34	20.33	18.20
		831.5 (26865)	22.29	21.22	20.23	18.18
		822.5 (26775)	22.16	21.24	20.20	18.19
	36RB-Middle (19)	841.5 (26965)	22.22	21.23	20.16	18.18
		831.5 (26865)	22.19	21.23	20.25	18.18
		822.5 (26775)	22.08	21.18	20.09	18.18
	36RB-Low (0)	841.5 (26965)	22.28	21.36	20.23	18.13
		831.5 (26865)	22.11	21.20	20.17	18.17
		822.5 (26775)	21.96	20.97	19.96	18.17
	75RB (0)	841.5 (26965)	22.16	21.27	20.13	18.18
		831.5 (26865)	22.22	21.17	20.15	18.20
		822.5 (26775)	22.09	21.09	20.10	18.20

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LTE Band26(ANT0 DSI 9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	21.21	21.56	21.48	18.32
		831.5 (26865)	21.22	21.39	21.31	18.28
		814.7 (26697)	20.96	21.36	21.10	18.14
	1RB-Middle (3)	848.3 (27033)	21.33	21.48	21.47	18.17
		831.5 (26865)	21.25	21.42	21.47	18.24
		814.7 (26697)	20.96	21.40	21.03	18.28
	1RB-Low (0)	848.3 (27033)	21.24	21.37	21.41	18.14
		831.5 (26865)	21.14	21.44	21.19	18.14
		814.7 (26697)	20.92	21.28	21.11	18.20
	3RB-High (3)	848.3 (27033)	21.26	21.46	21.23	18.09
		831.5 (26865)	21.30	21.38	21.31	18.15
		814.7 (26697)	20.98	21.09	21.00	18.17
	3RB-Middle (1)	848.3 (27033)	21.28	21.57	21.47	18.14
		831.5 (26865)	21.20	21.23	21.29	18.20
		814.7 (26697)	20.98	21.15	21.05	18.17
	3RB-Low (0)	848.3 (27033)	21.26	21.42	21.41	18.12
		831.5 (26865)	21.20	21.35	21.28	18.15
		814.7 (26697)	20.97	21.05	21.04	18.19
	6RB (0)	848.3 (27033)	21.29	21.48	20.37	18.22
		831.5 (26865)	21.22	21.23	20.18	18.31
		814.7 (26697)	21.04	21.00	20.00	18.28
3MHz	1RB-High (14)	847.5 (27025)	21.25	21.50	21.49	18.28
		831.5 (26865)	21.09	21.41	21.42	18.14
		815.5 (26705)	20.87	21.38	21.01	18.18
	1RB-Middle (7)	847.5 (27025)	21.26	21.38	21.29	18.25
		831.5 (26865)	21.24	21.49	21.53	18.24
		815.5 (26705)	20.93	21.28	21.21	18.14
	1RB-Low (0)	847.5 (27025)	21.38	21.48	21.43	18.22
		831.5 (26865)	21.22	21.25	21.35	18.24
		815.5 (26705)	20.88	21.17	21.02	18.11
	8RB-High (7)	847.5 (27025)	21.38	21.40	20.35	18.26
		831.5 (26865)	21.35	21.38	20.35	18.35
		815.5 (26705)	20.99	21.09	20.04	18.28
	8RB-Middle (4)	847.5 (27025)	21.42	21.44	20.34	18.37
		831.5 (26865)	21.26	21.31	20.33	18.38
		815.5 (26705)	21.07	21.06	19.99	18.33
	8RB-Low (0)	847.5 (27025)	21.27	21.38	20.28	18.23
		831.5 (26865)	21.24	21.42	20.29	18.24
		815.5 (26705)	20.94	21.02	19.99	18.36
	15RB (0)	847.5 (27025)	21.23	21.23	20.33	18.33
		831.5 (26865)	21.16	21.24	20.19	18.24
		815.5 (26705)	20.96	21.09	20.00	18.24

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5MHz	1RB-High (24)	846.5 (27015)	21.23	21.36	21.35	18.15
		831.5 (26865)	21.23	21.48	21.37	18.27
		816.5 (26715)	20.95	21.36	21.09	18.19
	1RB-Middle (12)	846.5 (27015)	21.25	21.54	21.50	18.16
		831.5 (26865)	21.20	21.29	21.54	18.23
		816.5 (26715)	21.11	21.51	21.07	18.28
	1RB-Low (0)	846.5 (27015)	21.25	21.53	21.46	18.17
		831.5 (26865)	21.09	21.35	21.54	18.05
		816.5 (26715)	20.99	21.23	21.13	18.20
	12RB-High (13)	846.5 (27015)	21.41	21.41	20.42	18.19
		831.5 (26865)	21.36	21.39	20.41	18.36
		816.5 (26715)	21.00	21.12	20.04	18.23
	12RB-Middle (6)	846.5 (27015)	21.41	21.44	20.41	18.28
		831.5 (26865)	21.34	21.34	20.24	18.33
		816.5 (26715)	21.09	21.20	20.09	18.31
	12RB-Low (0)	846.5 (27015)	21.25	21.29	20.28	18.25
		831.5 (26865)	21.26	21.32	20.30	18.21
		816.5 (26715)	20.92	21.01	20.00	18.19
	25RB (0)	846.5 (27015)	21.39	21.33	20.41	18.25
		831.5 (26865)	21.19	21.25	20.28	18.19
		816.5 (26715)	21.08	21.06	20.07	18.28
10MHz	1RB-High (49)	844 (26990)	21.22	21.55	21.36	18.12
		831.5 (26865)	21.17	21.47	21.47	18.13
		820 (26750)	20.99	21.41	21.23	18.04
	1RB-Middle (24)	844 (26990)	21.27	21.39	21.50	18.22
		831.5 (26865)	21.26	21.39	21.47	18.27
		820 (26750)	21.01	21.41	21.30	18.34
	1RB-Low (0)	844 (26990)	21.22	21.54	21.37	18.34
		831.5 (26865)	21.08	21.40	21.44	18.12
		820 (26750)	20.99	21.37	21.24	18.39
	25RB-High (25)	844 (26990)	21.42	21.52	20.40	18.23
		831.5 (26865)	21.28	21.33	20.34	18.31
		820 (26750)	21.15	21.15	20.11	18.28
	25RB-Middle (12)	844 (26990)	21.41	21.44	20.47	18.31
		831.5 (26865)	21.29	21.39	20.26	18.23
		820 (26750)	21.14	21.15	20.19	18.34
	25RB-Low (0)	844 (26990)	21.30	21.35	20.31	18.24
		831.5 (26865)	21.24	21.26	20.23	18.24
		820 (26750)	21.11	21.11	20.01	18.24
	50RB (0)	844 (26990)	21.35	21.41	20.39	18.29
		831.5 (26865)	21.23	21.30	20.26	18.28
		820 (26750)	21.18	21.15	20.16	18.29

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15MHz	1RB-High (74)	841.5 (26965)	21.02	21.32	21.24	17.95
		831.5 (26865)	20.94	21.23	21.13	17.95
		822.5 (26775)	20.91	21.08	21.09	17.93
	1RB-Middle (37)	841.5 (26965)	21.07	21.31	21.15	18.25
		831.5 (26865)	20.87	21.20	21.18	18.00
		822.5 (26775)	20.84	21.16	20.89	18.36
	1RB-Low (0)	841.5 (26965)	21.02	21.24	21.21	18.15
		831.5 (26865)	20.79	21.28	21.11	18.17
		822.5 (26775)	20.70	21.12	20.90	18.10
	36RB-High (38)	841.5 (26965)	21.12	21.17	20.24	18.19
		831.5 (26865)	21.19	21.10	20.19	18.17
		822.5 (26775)	21.04	21.05	20.04	18.18
	36RB-Middle (19)	841.5 (26965)	21.11	21.08	20.04	18.17
		831.5 (26865)	21.04	21.11	20.09	18.17
		822.5 (26775)	20.97	21.00	19.95	18.17
	36RB-Low (0)	841.5 (26965)	21.11	21.13	20.16	18.12
		831.5 (26865)	21.03	21.04	19.98	18.16
		822.5 (26775)	20.85	20.92	19.89	18.16
	75RB (0)	841.5 (26965)	21.18	21.19	20.05	18.17
		831.5 (26865)	21.08	21.11	20.15	18.19
		822.5 (26775)	21.01	20.98	20.04	18.22

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LTE Band26(ANT1 DSI 4/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	848.3 (27033)	24.27	23.64	22.47	19.29
		831.5 (26865)	24.20	23.46	22.41	19.24
		814.7 (26697)	23.79	23.40	21.98	19.21
	1RB-Middle (3)	848.3 (27033)	24.42	23.61	22.42	19.00
		831.5 (26865)	24.31	23.51	22.35	19.25
		814.7 (26697)	23.91	23.21	22.02	19.30
	1RB-Low (0)	848.3 (27033)	24.25	23.67	22.42	18.97
		831.5 (26865)	24.04	23.45	22.34	19.08
		814.7 (26697)	23.89	23.11	21.86	19.18
	3RB-High (3)	848.3 (27033)	24.25	23.47	22.35	18.80
		831.5 (26865)	24.23	23.39	22.34	19.04
		814.7 (26697)	23.89	22.97	21.95	19.18
	3RB-Middle (1)	848.3 (27033)	24.34	23.36	22.32	18.89
		831.5 (26865)	24.17	23.42	22.29	19.23
		814.7 (26697)	23.87	23.07	21.95	18.87
	3RB-Low (0)	848.3 (27033)	24.30	23.41	22.35	18.94
		831.5 (26865)	24.24	23.38	22.24	19.24
		814.7 (26697)	23.87	22.99	21.87	18.96
	6RB (0)	848.3 (27033)	23.33	22.39	21.36	19.05
		831.5 (26865)	23.16	22.28	21.10	19.30
		814.7 (26697)	22.91	21.90	20.93	19.07
3MHz	1RB-High (14)	847.5 (27025)	24.27	23.79	22.23	19.09
		831.5 (26865)	24.09	23.40	22.35	18.97
		815.5 (26705)	24.20	23.36	21.35	19.17
	1RB-Middle (7)	847.5 (27025)	24.28	23.65	22.65	19.28
		831.5 (26865)	24.22	23.46	22.51	19.09
		815.5 (26705)	24.24	23.60	21.63	19.03
	1RB-Low (0)	847.5 (27025)	24.13	23.53	22.35	18.90
		831.5 (26865)	24.27	23.78	22.29	19.13
		815.5 (26705)	24.31	23.38	21.30	18.82
	8RB-High (7)	847.5 (27025)	23.35	22.36	21.39	19.26
		831.5 (26865)	23.30	22.31	21.33	18.98
		815.5 (26705)	23.28	22.37	20.28	19.14
	8RB-Middle (4)	847.5 (27025)	23.42	22.47	21.31	19.26
		831.5 (26865)	23.18	22.30	21.23	19.25
		815.5 (26705)	23.19	22.28	20.36	19.21
	8RB-Low (0)	847.5 (27025)	23.27	22.46	21.26	19.22
		831.5 (26865)	23.22	22.20	21.17	18.88
		815.5 (26705)	23.21	22.31	20.23	18.88
	15RB (0)	847.5 (27025)	23.25	22.31	21.30	18.95
		831.5 (26865)	23.14	22.20	21.24	19.05
		815.5 (26705)	23.17	22.21	20.28	19.27

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5MHz	1RB-High (24)	846.5 (27015)	24.40	23.76	22.60	19.05
		831.5 (26865)	24.19	23.56	22.26	19.06
		816.5 (26715)	23.80	23.19	22.03	19.08
	1RB-Middle (12)	846.5 (27015)	24.27	23.75	22.52	18.95
		831.5 (26865)	24.28	23.61	22.56	19.30
		816.5 (26715)	23.95	23.46	22.06	19.03
	1RB-Low (0)	846.5 (27015)	24.29	23.77	22.41	18.87
		831.5 (26865)	24.13	23.49	22.15	19.22
		816.5 (26715)	23.89	23.24	22.08	19.02
	12RB-High (13)	846.5 (27015)	23.35	22.41	21.37	18.90
		831.5 (26865)	23.28	22.31	21.32	18.88
		816.5 (26715)	22.97	21.97	21.05	18.87
	12RB-Middle (6)	846.5 (27015)	23.39	22.39	21.47	19.09
		831.5 (26865)	23.21	22.24	21.26	19.07
		816.5 (26715)	22.99	22.07	21.04	19.10
	12RB-Low (0)	846.5 (27015)	23.34	22.35	21.30	19.22
		831.5 (26865)	23.15	22.27	21.18	18.94
		816.5 (26715)	22.85	21.95	20.92	18.90
	25RB (0)	846.5 (27015)	23.33	22.39	21.35	19.25
		831.5 (26865)	23.17	22.13	21.23	19.12
		816.5 (26715)	22.90	21.94	20.89	18.85
10MHz	1RB-High (49)	844 (26990)	24.18	23.86	22.40	19.21
		831.5 (26865)	24.23	23.63	22.33	18.95
		820 (26750)	24.01	23.22	22.19	18.80
	1RB-Middle (24)	844 (26990)	24.26	23.65	22.38	19.01
		831.5 (26865)	24.33	23.69	22.44	19.09
		820 (26750)	23.98	23.16	22.09	19.16
	1RB-Low (0)	844 (26990)	24.28	23.82	22.27	18.96
		831.5 (26865)	24.17	23.62	22.32	19.05
		820 (26750)	23.95	23.48	21.94	18.89
	25RB-High (25)	844 (26990)	23.35	22.32	21.30	18.91
		831.5 (26865)	23.24	22.42	21.32	18.91
		820 (26750)	23.14	22.04	20.98	19.19
	25RB-Middle (12)	844 (26990)	23.42	22.46	21.44	19.28
		831.5 (26865)	23.25	22.23	21.17	18.98
		820 (26750)	23.09	22.09	21.08	19.05
	25RB-Low (0)	844 (26990)	23.23	22.25	21.33	19.13
		831.5 (26865)	23.21	22.22	21.25	18.86
		820 (26750)	22.94	21.92	21.03	19.07
	50RB (0)	844 (26990)	23.29	22.27	21.35	19.24
		831.5 (26865)	23.25	22.22	21.20	18.98
		820 (26750)	23.09	22.08	21.06	19.26

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15MHz	1RB-High (74)	841.5 (26965)	24.14	23.21	22.28	19.14
		831.5 (26865)	23.94	23.31	22.24	18.92
		822.5 (26775)	24.16	23.22	22.24	18.86
	1RB-Middle (37)	841.5 (26965)	24.18	23.35	22.17	18.93
		831.5 (26865)	23.93	23.19	22.00	18.87
		822.5 (26775)	24.07	23.16	22.06	18.96
	1RB-Low (0)	841.5 (26965)	24.06	23.24	22.27	19.19
		831.5 (26865)	23.89	23.10	22.51	19.23
		822.5 (26775)	24.03	23.14	22.02	18.80
	36RB-High (38)	841.5 (26965)	23.23	22.16	21.28	19.17
		831.5 (26865)	23.25	22.17	21.10	18.91
		822.5 (26775)	23.01	22.04	20.96	19.06
	36RB-Middle (19)	841.5 (26965)	23.19	22.09	21.06	18.95
		831.5 (26865)	23.04	22.06	21.11	18.86
		822.5 (26775)	22.94	21.89	20.95	19.25
	36RB-Low (0)	841.5 (26965)	23.13	22.17	21.18	19.15
		831.5 (26865)	23.04	22.00	21.02	19.23
		822.5 (26775)	22.90	21.77	20.79	19.20
	75RB (0)	841.5 (26965)	23.09	22.16	20.99	19.02
		831.5 (26865)	23.02	22.14	21.02	18.97
		822.5 (26775)	23.03	21.94	20.89	18.83

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LTE Band30(ANT0 DSI 4/5/9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	21.30	20.85	19.48	16.89
		2310 (27710)	21.19	20.55	19.62	16.83
		2307.5 (27685)	21.15	20.48	19.37	16.83
	1RB-Middle (12)	2312.5 (27735)	21.43	20.73	19.67	16.85
		2310 (27710)	21.24	21.38	19.46	16.87
		2307.5 (27685)	21.13	20.49	19.47	16.82
	1RB-Low (0)	2312.5 (27735)	21.29	20.65	19.46	16.84
		2310 (27710)	21.09	20.52	19.42	16.91
		2307.5 (27685)	20.99	20.36	19.20	16.93
	12RB-High (13)	2312.5 (27735)	20.42	19.42	18.49	17.09
		2310 (27710)	20.29	19.35	18.38	17.03
		2307.5 (27685)	20.24	19.23	18.26	16.97
	12RB-Middle (6)	2312.5 (27735)	20.37	19.39	18.37	17.02
		2310 (27710)	20.26	19.36	18.37	17.06
		2307.5 (27685)	20.19	19.21	18.30	16.99
	12RB-Low (0)	2312.5 (27735)	20.34	19.37	18.33	17.00
		2310 (27710)	20.20	19.23	18.27	17.05
		2307.5 (27685)	20.05	19.18	18.16	16.97
	25RB (0)	2312.5 (27735)	20.33	19.38	18.36	16.95
		2310 (27710)	20.26	19.17	18.29	17.00
		2307.5 (27685)	20.19	19.18	18.17	17.06
10MHz	1RB-High (49)	2310 (27710)	21.28	20.87	19.48	16.94
	1RB-Middle (24)	2310 (27710)	21.20	20.75	19.41	16.97
	1RB-Low (0)	2310 (27710)	21.06	20.31	19.35	16.92
	25RB-High (25)	2310 (27710)	20.39	19.39	18.29	17.04
	25RB-Middle (12)	2310 (27710)	20.28	19.26	18.24	17.03
	25RB-Low (0)	2310 (27710)	20.11	19.18	18.17	17.01
	50RB (0)	2310 (27710)	20.29	19.22	18.32	16.89

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LTE Band30(ANT0 DSI 10/15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	19.71	20.05	19.80	16.82
		2310 (27710)	19.62	19.90	19.72	16.88
		2307.5 (27685)	19.47	19.83	19.64	16.80
	1RB-Middle (12)	2312.5 (27735)	19.66	19.93	19.84	17.00
		2310 (27710)	19.53	19.80	19.74	16.90
		2307.5 (27685)	19.37	19.57	19.45	16.94
	1RB-Low (0)	2312.5 (27735)	19.57	19.73	19.65	16.95
		2310 (27710)	19.31	19.60	19.41	17.00
		2307.5 (27685)	19.13	19.27	19.26	16.86
	12RB-High (13)	2312.5 (27735)	19.68	19.23	19.24	16.92
		2310 (27710)	19.61	19.13	19.21	16.94
		2307.5 (27685)	19.46	18.96	18.94	16.88
	12RB-Middle (6)	2312.5 (27735)	19.72	19.26	19.19	17.19
		2310 (27710)	19.42	18.98	19.00	16.92
		2307.5 (27685)	19.37	18.88	18.95	16.99
	12RB-Low (0)	2312.5 (27735)	19.64	19.16	19.09	16.90
		2310 (27710)	19.40	18.93	18.97	16.92
		2307.5 (27685)	19.19	18.66	18.81	17.12
	25RB (0)	2312.5 (27735)	19.68	19.21	19.13	17.11
		2310 (27710)	19.39	18.92	18.96	17.00
		2307.5 (27685)	19.35	18.87	18.84	16.82
10MHz	1RB-High (49)	2310 (27710)	19.67	20.01	19.97	17.19
	1RB-Middle (24)	2310 (27710)	19.44	19.93	19.62	17.19
	1RB-Low (0)	2310 (27710)	19.26	19.60	19.21	16.95
	25RB-High (25)	2310 (27710)	19.61	19.12	19.21	17.04
	25RB-Middle (12)	2310 (27710)	19.49	18.99	19.07	17.04
	25RB-Low (0)	2310 (27710)	19.31	18.86	18.93	16.89
	50RB (0)	2310 (27710)	19.52	18.94	18.93	17.10

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LTE Band30(ANT2 DSI 4/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	23.46	22.83	21.67	18.93
		2310 (27710)	23.41	23.03	21.71	19.05
		2307.5 (27685)	23.43	22.83	21.66	19.05
	1RB-Middle (12)	2312.5 (27735)	23.53	23.04	21.79	18.74
		2310 (27710)	23.56	22.82	21.90	18.93
		2307.5 (27685)	23.44	22.96	21.56	19.01
	1RB-Low (0)	2312.5 (27735)	23.49	22.89	21.80	19.01
		2310 (27710)	23.48	22.72	21.51	18.85
		2307.5 (27685)	23.37	22.91	21.59	18.73
	12RB-High (13)	2312.5 (27735)	22.62	21.64	20.60	18.66
		2310 (27710)	22.61	21.59	20.59	18.89
		2307.5 (27685)	22.59	21.61	20.55	18.68
	12RB-Middle (6)	2312.5 (27735)	22.70	21.66	20.64	18.73
		2310 (27710)	22.61	21.62	20.60	18.87
		2307.5 (27685)	22.52	21.63	20.56	18.65
	12RB-Low (0)	2312.5 (27735)	22.64	21.62	20.70	18.71
		2310 (27710)	22.54	21.56	20.49	18.78
		2307.5 (27685)	22.44	21.50	20.45	18.84
	25RB (0)	2312.5 (27735)	22.59	21.66	20.63	19.00
		2310 (27710)	22.55	21.59	20.62	18.78
		2307.5 (27685)	22.52	21.63	20.59	18.79
10MHz	1RB-High (49)	2310 (27710)	23.34	22.93	21.80	18.98
	1RB-Middle (24)	2310 (27710)	23.40	22.71	21.60	19.02
	1RB-Low (0)	2310 (27710)	23.33	22.91	21.56	18.87
	25RB-High (25)	2310 (27710)	22.50	21.44	20.41	18.86
	25RB-Middle (12)	2310 (27710)	22.46	21.32	20.49	18.63
	25RB-Low (0)	2310 (27710)	22.37	21.44	20.31	18.87
	50RB (0)	2310 (27710)	22.37	21.35	20.36	18.63

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LTE Band30(ANT5 DSI 4/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	21.67	21.62	21.66	19.52
		2310 (27710)	21.57	21.84	21.74	19.87
		2307.5 (27685)	21.52	21.75	21.74	19.55
	1RB-Middle (12)	2312.5 (27735)	21.53	21.76	21.84	19.51
		2310 (27710)	21.63	21.74	21.81	19.66
		2307.5 (27685)	21.79	21.89	21.76	19.78
	1RB-Low (0)	2312.5 (27735)	21.49	21.76	21.79	19.86
		2310 (27710)	21.59	21.74	21.86	19.66
		2307.5 (27685)	21.57	21.88	21.74	19.63
	12RB-High (13)	2312.5 (27735)	21.62	21.62	21.62	19.86
		2310 (27710)	21.59	21.65	21.62	19.87
		2307.5 (27685)	21.64	21.71	21.66	19.86
	12RB-Middle (6)	2312.5 (27735)	21.61	21.58	21.69	19.89
		2310 (27710)	21.63	21.65	21.72	19.83
		2307.5 (27685)	21.66	21.75	21.73	19.53
	12RB-Low (0)	2312.5 (27735)	21.62	21.70	21.69	19.70
		2310 (27710)	21.54	21.59	21.58	19.83
		2307.5 (27685)	21.53	21.60	21.54	19.72
	25RB (0)	2312.5 (27735)	21.58	21.64	21.65	19.63
		2310 (27710)	21.53	21.64	21.55	19.56
		2307.5 (27685)	21.61	21.61	21.60	19.86
10MHz	1RB-High (49)	2310 (27710)	21.56	21.91	21.88	19.80
	1RB-Middle (24)	2310 (27710)	21.60	21.89	21.82	19.81
	1RB-Low (0)	2310 (27710)	21.59	21.91	21.94	19.85
	25RB-High (25)	2310 (27710)	21.54	21.56	21.68	19.67
	25RB-Middle (12)	2310 (27710)	21.59	21.73	21.62	19.60
	25RB-Low (0)	2310 (27710)	21.59	21.63	21.64	19.88
	50RB (0)	2310 (27710)	21.62	21.64	21.56	19.81

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LTE Band30(ANT5 DSI 9/10/14/15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	18.55	18.78	18.91	18.66
		2310 (27710)	18.65	18.68	18.81	18.86
		2307.5 (27685)	18.60	18.96	18.80	18.75
	1RB-Middle (12)	2312.5 (27735)	18.75	18.78	18.94	18.63
		2310 (27710)	18.75	18.77	18.94	18.64
		2307.5 (27685)	18.72	18.80	18.83	18.61
	1RB-Low (0)	2312.5 (27735)	18.66	18.70	18.86	18.76
		2310 (27710)	18.59	18.97	18.84	18.65
		2307.5 (27685)	18.74	18.62	18.73	18.71
	12RB-High (13)	2312.5 (27735)	18.64	18.74	18.76	18.76
		2310 (27710)	18.71	18.63	18.70	18.90
		2307.5 (27685)	18.66	18.78	18.71	18.78
	12RB-Middle (6)	2312.5 (27735)	18.74	18.78	18.75	18.66
		2310 (27710)	18.74	18.71	18.72	18.55
		2307.5 (27685)	18.70	18.81	18.76	18.69
	12RB-Low (0)	2312.5 (27735)	18.69	18.67	18.71	18.65
		2310 (27710)	18.65	18.71	18.69	18.83
		2307.5 (27685)	18.60	18.70	18.60	18.75
	25RB (0)	2312.5 (27735)	18.70	18.75	18.71	18.77
		2310 (27710)	18.63	18.68	18.72	18.60
		2307.5 (27685)	18.67	18.70	18.71	18.68
10MHz	1RB-High (49)	2310 (27710)	18.55	18.97	18.66	18.76
	1RB-Middle (24)	2310 (27710)	18.73	18.81	18.80	18.72
	1RB-Low (0)	2310 (27710)	18.66	18.78	18.92	18.62
	25RB-High (25)	2310 (27710)	18.69	18.69	18.71	18.85
	25RB-Middle (12)	2310 (27710)	18.77	18.66	18.71	18.59
	25RB-Low (0)	2310 (27710)	18.68	18.67	18.71	18.86
	50RB (0)	2310 (27710)	18.65	18.72	18.72	18.79

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LTE Band30(ANT6 DSI 4/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	20.50	20.70	20.61	18.98
		2310 (27710)	20.45	20.63	20.68	18.93
		2307.5 (27685)	20.64	20.87	20.90	18.92
	1RB-Middle (12)	2312.5 (27735)	20.59	20.89	20.77	19.10
		2310 (27710)	20.73	20.63	20.71	18.84
		2307.5 (27685)	20.59	20.87	20.70	18.97
	1RB-Low (0)	2312.5 (27735)	20.49	20.69	20.89	18.95
		2310 (27710)	20.60	20.70	20.87	18.80
		2307.5 (27685)	20.45	20.79	20.68	18.91
	12RB-High (13)	2312.5 (27735)	20.55	20.62	20.64	18.87
		2310 (27710)	20.56	20.59	20.60	18.73
		2307.5 (27685)	20.60	20.62	20.57	19.03
	12RB-Middle (6)	2312.5 (27735)	20.61	20.64	20.65	18.75
		2310 (27710)	20.55	20.67	20.56	19.06
		2307.5 (27685)	20.58	20.63	20.64	18.90
	12RB-Low (0)	2312.5 (27735)	20.63	20.63	20.66	18.97
		2310 (27710)	20.53	20.62	20.59	18.98
		2307.5 (27685)	20.54	20.58	20.56	18.88
	25RB (0)	2312.5 (27735)	20.56	20.56	20.62	19.11
		2310 (27710)	20.52	20.56	20.59	19.06
		2307.5 (27685)	20.63	20.59	20.65	19.14
10MHz	1RB-High (49)	2310 (27710)	20.47	20.70	20.50	19.05
	1RB-Middle (24)	2310 (27710)	20.46	20.67	20.60	19.19
	1RB-Low (0)	2310 (27710)	20.42	20.69	20.61	18.96
	25RB-High (25)	2310 (27710)	20.46	20.52	20.39	19.10
	25RB-Middle (12)	2310 (27710)	20.55	20.44	20.47	19.05
	25RB-Low (0)	2310 (27710)	20.46	20.41	20.48	19.16
	50RB (0)	2310 (27710)	20.47	20.38	20.43	19.15

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LTE Band30(ANT6 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	18.98	19.39	19.25	19.11
		2310 (27710)	19.03	19.15	19.28	19.19
		2307.5 (27685)	19.04	19.32	19.18	18.90
	1RB-Middle (12)	2312.5 (27735)	19.01	19.38	19.34	18.90
		2310 (27710)	19.07	19.23	19.32	19.00
		2307.5 (27685)	19.07	19.27	19.34	18.82
	1RB-Low (0)	2312.5 (27735)	19.06	19.34	19.33	18.87
		2310 (27710)	19.03	19.29	19.20	18.96
		2307.5 (27685)	19.05	19.33	19.32	18.87
	12RB-High (13)	2312.5 (27735)	19.01	19.09	19.03	18.94
		2310 (27710)	19.05	19.03	19.04	18.84
		2307.5 (27685)	19.05	19.08	19.15	18.82
	12RB-Middle (6)	2312.5 (27735)	19.06	19.24	19.10	18.99
		2310 (27710)	18.98	19.07	19.18	19.18
		2307.5 (27685)	19.10	19.17	19.11	18.99
	12RB-Low (0)	2312.5 (27735)	19.02	19.11	19.10	19.20
		2310 (27710)	19.01	19.08	19.09	19.06
		2307.5 (27685)	19.02	18.95	19.04	19.16
	25RB (0)	2312.5 (27735)	19.05	19.13	19.07	18.85
		2310 (27710)	19.05	19.09	19.03	18.81
		2307.5 (27685)	19.10	19.12	19.09	18.83
10MHz	1RB-High (49)	2310 (27710)	18.95	19.14	19.33	19.09
	1RB-Middle (24)	2310 (27710)	19.00	19.12	19.37	18.91
	1RB-Low (0)	2310 (27710)	19.05	19.20	19.14	19.15
	25RB-High (25)	2310 (27710)	18.98	19.02	18.94	19.16
	25RB-Middle (12)	2310 (27710)	19.00	19.00	18.98	19.04
	25RB-Low (0)	2310 (27710)	19.01	19.00	19.01	19.05
	50RB (0)	2310 (27710)	19.02	18.96	18.99	19.06

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LTE Band30(ANT6 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	18.03	18.34	18.10	18.11
		2310 (27710)	18.08	18.21	18.34	18.23
		2307.5 (27685)	18.07	18.28	18.11	18.01
	1RB-Middle (12)	2312.5 (27735)	18.12	18.33	18.35	18.22
		2310 (27710)	18.08	18.15	18.35	17.98
		2307.5 (27685)	18.11	18.28	18.12	18.09
	1RB-Low (0)	2312.5 (27735)	18.10	18.32	18.27	17.98
		2310 (27710)	18.10	18.19	18.16	18.16
		2307.5 (27685)	18.12	18.17	18.18	17.97
	12RB-High (13)	2312.5 (27735)	18.10	18.21	18.18	17.99
		2310 (27710)	18.08	18.13	18.20	17.94
		2307.5 (27685)	18.09	18.30	18.16	18.07
	12RB-Middle (6)	2312.5 (27735)	18.18	18.25	18.22	18.01
		2310 (27710)	18.10	18.19	18.13	18.18
		2307.5 (27685)	18.23	18.22	18.24	18.01
	12RB-Low (0)	2312.5 (27735)	18.12	18.28	18.27	18.00
		2310 (27710)	18.11	18.11	18.13	18.13
		2307.5 (27685)	18.12	18.13	18.11	18.03
	25RB (0)	2312.5 (27735)	18.15	18.20	18.22	17.96
		2310 (27710)	18.08	18.14	18.13	18.16
		2307.5 (27685)	18.11	18.15	18.15	18.08
10MHz	1RB-High (49)	2310 (27710)	18.00	18.23	18.27	17.97
	1RB-Middle (24)	2310 (27710)	18.14	18.22	18.24	17.95
	1RB-Low (0)	2310 (27710)	18.12	18.20	18.21	18.17
	25RB-High (25)	2310 (27710)	18.09	18.10	18.04	18.03
	25RB-Middle (12)	2310 (27710)	18.08	18.12	18.09	18.15
	25RB-Low (0)	2310 (27710)	18.08	18.14	18.07	18.05
	50RB (0)	2310 (27710)	18.06	18.09	18.12	17.98

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LTE Band30(ANT6 DSI 9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2312.5 (27735)	17.47	17.72	17.66	17.41
		2310 (27710)	17.44	17.69	17.70	17.43
		2307.5 (27685)	17.49	17.80	17.74	17.42
	1RB-Middle (12)	2312.5 (27735)	17.56	17.61	17.75	17.67
		2310 (27710)	17.61	17.89	17.87	17.60
		2307.5 (27685)	17.56	17.79	17.86	17.42
	1RB-Low (0)	2312.5 (27735)	17.55	17.63	17.66	17.82
		2310 (27710)	17.48	17.71	17.77	17.53
		2307.5 (27685)	17.49	17.82	17.73	17.41
	12RB-High (13)	2312.5 (27735)	17.58	17.55	17.60	17.51
		2310 (27710)	17.49	17.50	17.62	17.49
		2307.5 (27685)	17.60	17.56	17.65	17.48
	12RB-Middle (6)	2312.5 (27735)	17.61	17.61	17.62	17.53
		2310 (27710)	17.61	17.57	17.54	17.63
		2307.5 (27685)	17.61	17.65	17.70	17.90
	12RB-Low (0)	2312.5 (27735)	17.61	17.54	17.56	17.76
		2310 (27710)	17.51	17.62	17.60	17.47
		2307.5 (27685)	17.53	17.52	17.51	17.62
	25RB (0)	2312.5 (27735)	17.59	17.59	17.54	17.54
		2310 (27710)	17.58	17.53	17.60	17.72
		2307.5 (27685)	17.59	17.59	17.55	17.88
10MHz	1RB-High (49)	2310 (27710)	17.40	17.71	17.53	17.58
	1RB-Middle (24)	2310 (27710)	17.52	17.85	17.69	17.79
	1RB-Low (0)	2310 (27710)	17.44	17.67	17.83	17.62
	25RB-High (25)	2310 (27710)	17.36	17.49	17.45	17.84
	25RB-Middle (12)	2310 (27710)	17.44	17.48	17.56	17.73
	25RB-Low (0)	2310 (27710)	17.51	17.48	17.50	17.85
	50RB (0)	2310 (27710)	17.40	17.42	17.49	17.48

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LTE Band38(ANT0 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	21.78	21.79	20.85	18.03
		2595 (38000)	21.92	22.01	20.88	18.17
		2572.5 (37775)	22.28	22.04	21.31	18.03
	1RB-Middle (12)	2617.5 (38225)	21.81	21.81	20.78	18.09
		2595 (38000)	22.02	22.02	21.00	18.08
		2572.5 (37775)	22.15	22.25	21.53	18.06
	1RB-Low (0)	2617.5 (38225)	21.73	21.78	20.68	18.12
		2595 (38000)	22.00	22.11	20.96	18.01
		2572.5 (37775)	22.21	22.14	21.38	17.97
	12RB-High (13)	2617.5 (38225)	21.81	21.13	20.20	18.06
		2595 (38000)	21.96	21.20	20.22	18.05
		2572.5 (37775)	22.03	21.62	20.68	18.03
	12RB-Middle (6)	2617.5 (38225)	21.77	21.07	20.09	18.08
		2595 (38000)	22.02	21.37	20.25	18.00
		2572.5 (37775)	22.15	21.71	20.53	18.02
	12RB-Low (0)	2617.5 (38225)	21.73	21.10	20.05	18.04
		2595 (38000)	22.03	21.29	20.37	18.03
		2572.5 (37775)	22.12	21.71	20.54	18.00
	25RB (0)	2617.5 (38225)	21.73	21.04	20.04	18.05
		2595 (38000)	22.01	21.31	20.32	17.97
		2572.5 (37775)	22.17	21.70	20.66	18.03
10MHz	1RB-High (49)	2615 (38200)	21.78	21.84	20.83	18.06
		2595 (38000)	21.90	22.08	20.97	18.21
		2575 (37800)	22.13	22.20	21.28	18.06
	1RB-Middle (24)	2615 (38200)	21.87	21.92	20.73	18.13
		2595 (38000)	22.02	22.16	21.09	18.12
		2575 (37800)	22.25	22.14	21.38	18.10
	1RB-Low (0)	2615 (38200)	21.90	22.00	20.94	18.16
		2595 (38000)	22.17	22.12	21.07	18.04
		2575 (37800)	22.24	22.16	21.52	18.01
	25RB-High (25)	2615 (38200)	21.85	21.09	20.17	18.10
		2595 (38000)	22.04	21.34	20.31	18.09
		2575 (37800)	22.06	21.64	20.70	18.07
	25RB-Middle (12)	2615 (38200)	21.85	21.16	20.14	18.12
		2595 (38000)	22.08	21.40	20.43	18.03
		2575 (37800)	22.15	21.75	20.75	18.05
	25RB-Low (0)	2615 (38200)	21.81	21.13	20.13	18.08
		2595 (38000)	22.08	21.43	20.36	18.06
		2575 (37800)	22.12	21.63	20.62	18.03
	50RB (0)	2615 (38200)	21.82	21.10	20.10	18.09
		2595 (38000)	22.07	21.42	20.37	18.01
		2575 (37800)	22.24	21.68	20.71	18.07

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15MHz	1RB-High (74)	2612.5 (38175)	21.65	21.63	20.62	18.10
		2595 (38000)	21.63	21.63	20.60	18.24
		2577.5 (37825)	22.00	22.12	20.95	18.10
	1RB-Middle (37)	2612.5 (38175)	21.66	21.76	20.72	18.16
		2595 (38000)	21.85	22.00	20.83	18.15
		2577.5 (37825)	22.26	22.17	21.25	18.13
	1RB-Low (0)	2612.5 (38175)	21.79	21.78	20.60	18.20
		2595 (38000)	22.03	22.11	20.92	18.08
		2577.5 (37825)	22.18	22.14	21.21	18.04
	36RB-High (38)	2612.5 (38175)	21.70	20.99	20.03	18.13
		2595 (38000)	21.85	21.11	20.16	18.13
		2577.5 (37825)	22.14	21.47	20.48	18.11
	36RB-Middle (19)	2612.5 (38175)	21.67	21.00	19.93	18.15
		2595 (38000)	21.92	21.23	20.21	18.07
		2577.5 (37825)	22.21	21.55	20.57	18.09
	36RB-Low (0)	2612.5 (38175)	21.74	21.00	20.00	18.12
		2595 (38000)	22.00	21.32	20.34	18.10
		2577.5 (37825)	22.06	21.73	20.68	18.07
	75RB (0)	2612.5 (38175)	21.69	20.98	20.00	18.13
		2595 (38000)	21.96	21.27	20.25	18.04
		2577.5 (37825)	22.22	21.53	20.53	18.11
20MHz	1RB-High (99)	2610 (38150)	21.46	21.56	20.29	18.13
		2595 (38000)	21.50	21.62	20.43	18.28
		2580 (37850)	21.86	21.92	20.77	18.13
	1RB-Middle (50)	2610 (38150)	21.60	22.03	20.38	18.20
		2595 (38000)	21.79	21.63	20.55	18.19
		2580 (37850)	22.08	22.23	21.04	18.17
	1RB-Low (0)	2610 (38150)	21.75	21.73	20.68	18.23
		2595 (38000)	21.96	22.18	20.89	18.12
		2580 (37850)	22.28	22.27	21.22	18.08
	50RB-High (50)	2610 (38150)	21.68	21.01	19.95	18.17
		2595 (38000)	21.75	21.10	20.02	18.16
		2580 (37850)	21.98	21.35	20.33	18.14
	50RB-Middle (25)	2610 (38150)	21.61	20.89	19.98	18.19
		2595 (38000)	21.84	21.13	20.20	18.11
		2580 (37850)	22.16	21.47	20.48	18.13
	50RB-Low (0)	2610 (38150)	21.68	20.98	20.00	18.15
		2595 (38000)	21.96	21.27	20.25	18.13
		2580 (37850)	22.22	21.60	20.57	18.11
	100RB (0)	2610 (38150)	21.57	20.95	19.94	18.16
		2595 (38000)	21.86	21.16	20.16	18.08
		2580 (37850)	22.17	21.50	20.47	18.14

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LTE Band38(ANT0 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	21.50	21.46	21.32	18.06
		2595 (38000)	21.36	21.44	21.30	18.20
		2572.5 (37775)	21.23	21.28	21.27	18.06
	1RB-Middle (12)	2617.5 (38225)	21.55	21.62	21.38	18.12
		2595 (38000)	21.37	21.34	21.19	18.11
		2572.5 (37775)	21.38	21.37	21.29	18.09
	1RB-Low (0)	2617.5 (38225)	21.46	21.53	21.54	18.15
		2595 (38000)	21.26	21.29	21.32	18.04
		2572.5 (37775)	21.29	21.36	21.11	18.00
	12RB-High (13)	2617.5 (38225)	21.50	21.35	20.33	18.09
		2595 (38000)	21.35	21.15	20.06	18.08
		2572.5 (37775)	21.23	21.04	20.03	18.06
	12RB-Middle (6)	2617.5 (38225)	21.44	21.32	20.29	18.11
		2595 (38000)	21.36	21.23	20.27	18.03
		2572.5 (37775)	21.28	21.08	20.18	18.05
	12RB-Low (0)	2617.5 (38225)	21.40	21.15	20.30	18.07
		2595 (38000)	21.33	21.12	20.10	18.06
		2572.5 (37775)	21.29	21.07	20.15	18.03
	25RB (0)	2617.5 (38225)	21.42	21.23	20.25	18.08
		2595 (38000)	21.34	21.18	20.18	18.00
		2572.5 (37775)	21.23	21.01	19.98	18.06
10MHz	1RB-High (49)	2615 (38200)	21.48	21.55	21.46	18.09
		2595 (38000)	21.37	21.36	21.37	18.24
		2575 (37800)	21.27	21.32	21.22	18.09
	1RB-Middle (24)	2615 (38200)	21.51	21.68	21.45	18.16
		2595 (38000)	21.37	21.28	21.35	18.15
		2575 (37800)	21.36	21.22	21.31	18.13
	1RB-Low (0)	2615 (38200)	21.53	21.61	21.47	18.19
		2595 (38000)	21.37	21.36	21.27	18.07
		2575 (37800)	21.29	21.27	21.23	18.04
	25RB-High (25)	2615 (38200)	21.49	21.33	20.30	18.13
		2595 (38000)	21.40	21.19	20.18	18.12
		2575 (37800)	21.24	21.03	20.05	18.10
	25RB-Middle (12)	2615 (38200)	21.43	21.28	20.28	18.15
		2595 (38000)	21.40	21.20	20.19	18.06
		2575 (37800)	21.23	21.07	20.11	18.08
	25RB-Low (0)	2615 (38200)	21.46	21.29	20.31	18.11
		2595 (38000)	21.40	21.20	20.17	18.09
		2575 (37800)	21.29	21.12	20.10	18.06
	50RB (0)	2615 (38200)	21.42	21.25	20.24	18.12
		2595 (38000)	21.42	21.18	20.22	18.04
		2575 (37800)	21.24	21.02	20.04	18.10

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15MHz	1RB-High (74)	2612.5 (38175)	21.19	21.27	21.15	18.13
		2595 (38000)	21.10	21.25	21.13	18.27
		2577.5 (37825)	21.01	20.99	21.10	18.13
	1RB-Middle (37)	2612.5 (38175)	21.35	21.27	21.38	18.19
		2595 (38000)	21.20	21.26	21.07	18.18
		2577.5 (37825)	21.08	21.25	21.18	18.16
	1RB-Low (0)	2612.5 (38175)	21.32	21.17	21.16	18.23
		2595 (38000)	21.09	21.08	21.18	18.11
		2577.5 (37825)	21.04	21.14	21.19	18.07
	36RB-High (38)	2612.5 (38175)	21.38	21.17	20.21	18.16
		2595 (38000)	21.24	21.04	20.05	18.16
		2577.5 (37825)	21.09	20.90	19.95	18.14
	36RB-Middle (19)	2612.5 (38175)	21.28	21.11	20.12	18.18
		2595 (38000)	21.22	21.07	20.03	18.10
		2577.5 (37825)	21.11	20.89	19.90	18.12
	36RB-Low (0)	2612.5 (38175)	21.33	21.11	20.12	18.15
		2595 (38000)	21.22	21.04	20.03	18.13
		2577.5 (37825)	21.16	20.99	20.00	18.10
	75RB (0)	2612.5 (38175)	21.29	21.10	20.10	18.16
		2595 (38000)	21.24	21.04	20.05	18.07
		2577.5 (37825)	21.07	20.88	19.94	18.14
20MHz	1RB-High (99)	2610 (38150)	21.22	21.30	21.24	18.16
		2595 (38000)	21.28	21.18	21.07	18.31
		2580 (37850)	21.07	20.98	20.82	18.16
	1RB-Middle (50)	2610 (38150)	21.33	21.30	21.21	18.23
		2595 (38000)	21.14	21.32	20.92	18.22
		2580 (37850)	21.06	21.08	21.02	18.20
	1RB-Low (0)	2610 (38150)	21.30	21.35	21.18	18.26
		2595 (38000)	21.15	21.22	21.06	18.15
		2580 (37850)	21.13	21.15	20.86	18.11
	50RB-High (50)	2610 (38150)	21.37	21.18	20.16	18.20
		2595 (38000)	21.25	21.09	20.07	18.19
		2580 (37850)	21.11	20.96	19.92	18.17
	50RB-Middle (25)	2610 (38150)	21.31	21.12	20.13	18.22
		2595 (38000)	21.25	21.03	20.04	18.14
		2580 (37850)	21.21	21.02	20.05	18.16
	50RB-Low (0)	2610 (38150)	21.30	21.13	20.13	18.18
		2595 (38000)	21.20	21.07	20.04	18.16
		2580 (37850)	21.15	21.03	20.02	18.14
	100RB (0)	2610 (38150)	21.29	21.10	20.14	18.19
		2595 (38000)	21.22	21.07	20.06	18.11
		2580 (37850)	21.21	21.00	20.04	18.17

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LTE Band38(ANT0 DSI 9/10/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	19.87	19.86	19.69	18.01
		2595 (38000)	19.96	20.07	19.88	18.15
		2572.5 (37775)	20.04	19.96	20.07	18.01
	1RB-Middle (12)	2617.5 (38225)	19.90	19.94	19.84	18.07
		2595 (38000)	20.07	20.10	20.09	18.06
		2572.5 (37775)	20.19	20.05	20.25	18.04
	1RB-Low (0)	2617.5 (38225)	19.84	19.94	19.71	18.10
		2595 (38000)	20.09	20.07	20.01	17.99
		2572.5 (37775)	20.12	20.22	20.04	17.95
	12RB-High (13)	2617.5 (38225)	19.89	19.85	19.85	18.04
		2595 (38000)	20.02	19.96	20.02	18.03
		2572.5 (37775)	20.03	20.13	20.11	18.01
	12RB-Middle (6)	2617.5 (38225)	19.80	19.87	19.82	18.06
		2595 (38000)	20.09	20.02	20.03	17.98
		2572.5 (37775)	20.10	20.01	20.08	18.00
	12RB-Low (0)	2617.5 (38225)	19.75	19.82	19.84	18.02
		2595 (38000)	20.05	20.04	20.15	18.01
		2572.5 (37775)	20.15	20.07	20.28	17.98
	25RB (0)	2617.5 (38225)	19.77	19.77	19.78	18.03
		2595 (38000)	20.08	20.05	20.02	17.95
		2572.5 (37775)	20.07	20.02	20.05	18.01
10MHz	1RB-High (49)	2615 (38200)	19.83	19.91	19.74	18.04
		2595 (38000)	19.91	19.98	19.80	18.19
		2575 (37800)	20.03	20.06	20.04	18.04
	1RB-Middle (24)	2615 (38200)	19.86	19.93	19.92	18.11
		2595 (38000)	20.00	20.15	20.09	18.10
		2575 (37800)	20.15	20.18	20.05	18.08
	1RB-Low (0)	2615 (38200)	19.90	19.76	19.85	18.14
		2595 (38000)	20.20	20.23	20.16	18.02
		2575 (37800)	20.16	20.18	20.21	17.99
	25RB-High (25)	2615 (38200)	19.86	19.83	19.84	18.08
		2595 (38000)	20.01	20.02	20.02	18.07
		2575 (37800)	20.03	20.04	20.01	18.05
	25RB-Middle (12)	2615 (38200)	19.82	19.86	19.81	18.10
		2595 (38000)	20.07	20.07	20.09	18.01
		2575 (37800)	20.07	20.06	20.10	18.03
	25RB-Low (0)	2615 (38200)	19.84	19.85	19.81	18.06
		2595 (38000)	20.10	20.10	20.12	18.04
		2575 (37800)	20.17	20.17	20.15	18.01
	50RB (0)	2615 (38200)	19.81	19.82	19.79	18.07
		2595 (38000)	20.09	20.06	20.05	17.99
		2575 (37800)	20.06	20.04	20.06	18.05

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15MHz	1RB-High (74)	2612.5 (38175)	19.60	19.71	19.64	18.08
		2595 (38000)	19.70	19.80	19.88	18.22
		2577.5 (37825)	20.00	20.05	19.88	18.08
	1RB-Middle (37)	2612.5 (38175)	19.77	19.80	19.65	18.14
		2595 (38000)	19.89	19.94	19.77	18.13
		2577.5 (37825)	20.23	19.98	19.91	18.11
	1RB-Low (0)	2612.5 (38175)	19.81	19.70	19.73	18.18
		2595 (38000)	20.08	20.04	19.97	18.06
		2577.5 (37825)	19.98	20.19	20.01	18.02
	36RB-High (38)	2612.5 (38175)	19.76	19.75	19.74	18.11
		2595 (38000)	19.95	19.90	19.92	18.11
		2577.5 (37825)	19.91	20.20	20.17	18.09
	36RB-Middle (19)	2612.5 (38175)	19.71	19.66	19.75	18.13
		2595 (38000)	19.95	19.93	19.99	18.05
		2577.5 (37825)	19.96	20.24	20.24	18.07
	36RB-Low (0)	2612.5 (38175)	19.77	19.79	19.77	18.10
		2595 (38000)	20.07	20.02	20.00	18.08
		2577.5 (37825)	20.07	20.03	20.04	18.05
	75RB (0)	2612.5 (38175)	19.73	19.72	19.73	18.11
		2595 (38000)	20.02	19.94	20.01	18.02
		2577.5 (37825)	19.92	20.21	19.92	18.09
20MHz	1RB-High (99)	2610 (38150)	19.54	19.65	19.42	18.11
		2595 (38000)	19.62	19.56	19.51	18.26
		2580 (37850)	19.88	19.89	19.84	18.11
	1RB-Middle (50)	2610 (38150)	19.66	19.52	20.21	18.18
		2595 (38000)	19.86	19.84	19.69	18.17
		2580 (37850)	20.13	20.06	20.20	18.15
	1RB-Low (0)	2610 (38150)	19.76	19.71	19.69	18.21
		2595 (38000)	20.03	19.98	20.03	18.10
		2580 (37850)	20.13	20.22	20.25	18.06
	50RB-High (50)	2610 (38150)	19.70	19.67	19.68	18.15
		2595 (38000)	19.83	19.76	19.79	18.14
		2580 (37850)	20.07	20.06	20.05	18.12
	50RB-Middle (25)	2610 (38150)	19.68	19.66	19.64	18.17
		2595 (38000)	19.92	19.85	19.89	18.09
		2580 (37850)	20.24	20.23	20.21	18.11
	50RB-Low (0)	2610 (38150)	19.70	19.71	19.69	18.13
		2595 (38000)	20.04	19.97	19.99	18.11
		2580 (37850)	20.01	20.26	20.25	18.09
	100RB (0)	2610 (38150)	19.63	19.65	19.62	18.14
		2595 (38000)	19.89	19.87	19.83	18.06
		2580 (37850)	20.22	20.23	20.21	18.12

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LTE Band38(ANT0 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	18.77	18.67	18.71	18.04
		2595 (38000)	18.85	18.87	18.89	18.18
		2572.5 (37775)	18.93	18.77	19.08	18.04
	1RB-Middle (12)	2617.5 (38225)	18.79	18.75	18.85	18.10
		2595 (38000)	18.96	18.90	19.10	18.09
		2572.5 (37775)	19.07	18.85	19.25	18.07
	1RB-Low (0)	2617.5 (38225)	18.74	18.75	18.73	18.13
		2595 (38000)	18.98	18.87	19.02	18.02
		2572.5 (37775)	19.01	19.01	19.05	17.98
	12RB-High (13)	2617.5 (38225)	18.78	18.66	18.86	18.07
		2595 (38000)	18.91	18.77	19.03	18.06
		2572.5 (37775)	18.92	18.93	19.11	18.04
	12RB-Middle (6)	2617.5 (38225)	18.70	18.68	18.84	18.09
		2595 (38000)	18.98	18.82	19.04	18.01
		2572.5 (37775)	18.99	18.81	19.09	18.03
	12RB-Low (0)	2617.5 (38225)	18.65	18.63	18.85	18.05
		2595 (38000)	18.94	18.84	19.15	18.04
		2572.5 (37775)	19.03	18.87	19.28	18.01
	25RB (0)	2617.5 (38225)	18.67	18.58	18.80	18.06
		2595 (38000)	18.97	18.85	19.03	17.98
		2572.5 (37775)	18.96	18.82	19.06	18.04
10MHz	1RB-High (49)	2615 (38200)	18.73	18.72	18.76	18.07
		2595 (38000)	18.80	18.78	18.82	18.22
		2575 (37800)	18.92	18.86	19.05	18.07
	1RB-Middle (24)	2615 (38200)	18.76	18.74	18.93	18.14
		2595 (38000)	18.89	18.95	19.10	18.13
		2575 (37800)	19.03	18.97	19.06	18.11
	1RB-Low (0)	2615 (38200)	18.79	18.57	18.86	18.17
		2595 (38000)	19.08	19.02	19.16	18.05
		2575 (37800)	19.04	18.97	19.21	18.02
	25RB-High (25)	2615 (38200)	18.76	18.64	18.85	18.11
		2595 (38000)	18.90	18.82	19.03	18.10
		2575 (37800)	18.92	18.84	19.02	18.08
	25RB-Middle (12)	2615 (38200)	18.72	18.67	18.83	18.13
		2595 (38000)	18.96	18.87	19.10	18.04
		2575 (37800)	18.96	18.86	19.10	18.06
	25RB-Low (0)	2615 (38200)	18.74	18.66	18.83	18.09
		2595 (38000)	18.99	18.90	19.12	18.07
		2575 (37800)	19.05	18.97	19.15	18.04
	50RB (0)	2615 (38200)	18.71	18.63	18.81	18.10
		2595 (38000)	18.98	18.86	19.06	18.02
		2575 (37800)	18.95	18.84	19.07	18.08

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15MHz	1RB-High (74)	2612.5 (38175)	18.51	18.53	18.66	18.11
		2595 (38000)	18.60	18.61	18.89	18.25
		2577.5 (37825)	18.89	18.85	18.89	18.11
	1RB-Middle (37)	2612.5 (38175)	18.67	18.61	18.67	18.17
		2595 (38000)	18.78	18.75	18.79	18.16
		2577.5 (37825)	19.11	18.78	18.92	18.14
	1RB-Low (0)	2612.5 (38175)	18.71	18.52	18.75	18.21
		2595 (38000)	18.97	18.84	18.98	18.09
		2577.5 (37825)	18.87	18.98	19.02	18.05
	36RB-High (38)	2612.5 (38175)	18.66	18.57	18.76	18.14
		2595 (38000)	18.84	18.71	18.93	18.14
		2577.5 (37825)	18.80	18.99	19.17	18.12
	36RB-Middle (19)	2612.5 (38175)	18.61	18.48	18.77	18.16
		2595 (38000)	18.84	18.74	19.00	18.08
		2577.5 (37825)	18.85	19.03	19.24	18.10
	36RB-Low (0)	2612.5 (38175)	18.67	18.60	18.79	18.13
		2595 (38000)	18.96	18.82	19.01	18.11
		2577.5 (37825)	18.96	18.83	19.05	18.08
	75RB (0)	2612.5 (38175)	18.63	18.54	18.75	18.14
		2595 (38000)	18.91	18.75	19.02	18.05
		2577.5 (37825)	18.81	19.00	18.93	18.12
20MHz	1RB-High (99)	2610 (38150)	18.70	18.72	18.70	18.14
		2595 (38000)	18.64	18.64	18.71	18.29
		2580 (37850)	18.59	18.56	18.49	18.14
	1RB-Middle (50)	2610 (38150)	18.89	18.99	18.73	18.21
		2595 (38000)	18.67	18.71	18.60	18.20
		2580 (37850)	18.66	18.62	18.79	18.18
	1RB-Low (0)	2610 (38150)	18.80	18.98	18.78	18.24
		2595 (38000)	18.64	18.64	18.75	18.13
		2580 (37850)	18.66	18.84	18.66	18.09
	50RB-High (50)	2610 (38150)	18.94	18.91	18.87	18.18
		2595 (38000)	18.81	18.82	18.75	18.17
		2580 (37850)	18.67	18.65	18.60	18.15
	50RB-Middle (25)	2610 (38150)	18.83	18.86	18.83	18.20
		2595 (38000)	18.77	18.82	18.74	18.12
		2580 (37850)	18.77	18.74	18.74	18.14
	50RB-Low (0)	2610 (38150)	18.84	18.89	18.79	18.16
		2595 (38000)	18.76	18.79	18.70	18.14
		2580 (37850)	18.72	18.78	18.68	18.12
	100RB (0)	2610 (38150)	18.85	18.82	18.82	18.17
		2595 (38000)	18.79	18.80	18.76	18.09
		2580 (37850)	18.73	18.76	18.73	18.15

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LTE Band38(ANT2 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	21.21	21.28	21.11	18.99
		2595 (38000)	20.95	21.07	20.91	18.84
		2572.5 (37775)	21.10	21.11	21.12	18.94
	1RB-Middle (12)	2617.5 (38225)	21.20	21.39	21.22	19.11
		2595 (38000)	21.01	21.20	21.06	18.94
		2572.5 (37775)	21.22	21.09	21.27	19.11
	1RB-Low (0)	2617.5 (38225)	21.17	21.18	21.11	18.87
		2595 (38000)	20.99	20.92	21.03	19.08
		2572.5 (37775)	21.20	21.24	21.23	18.73
	12RB-High (13)	2617.5 (38225)	21.24	21.19	20.69	19.03
		2595 (38000)	21.02	21.09	19.90	18.85
		2572.5 (37775)	21.16	21.22	19.94	19.03
	12RB-Middle (6)	2617.5 (38225)	21.21	21.21	20.77	18.94
		2595 (38000)	21.06	21.08	19.80	19.16
		2572.5 (37775)	21.21	21.12	19.93	18.87
	12RB-Low (0)	2617.5 (38225)	21.13	21.13	20.58	18.71
		2595 (38000)	21.02	21.09	20.00	18.80
		2572.5 (37775)	21.21	21.28	20.02	18.75
	25RB (0)	2617.5 (38225)	21.14	21.15	20.61	19.01
		2595 (38000)	21.02	21.05	19.81	19.09
		2572.5 (37775)	21.14	21.18	19.95	18.73
10MHz	1RB-High (49)	2615 (38200)	20.93	20.98	20.96	18.71
		2595 (38000)	20.94	21.00	21.15	18.88
		2575 (37800)	21.00	20.96	21.12	19.06
	1RB-Middle (24)	2615 (38200)	21.05	21.07	21.13	18.97
		2595 (38000)	21.01	21.04	20.93	18.89
		2575 (37800)	21.06	21.03	21.19	18.97
	1RB-Low (0)	2615 (38200)	21.05	21.23	20.95	18.82
		2595 (38000)	21.06	21.00	20.98	18.77
		2575 (37800)	20.95	21.00	21.08	18.96
	25RB-High (25)	2615 (38200)	21.00	20.97	20.51	19.05
		2595 (38000)	20.98	21.07	19.88	19.16
		2575 (37800)	20.95	20.93	19.91	19.10
	25RB-Middle (12)	2615 (38200)	21.01	21.02	20.46	18.79
		2595 (38000)	21.01	21.04	19.87	19.19
		2575 (37800)	20.96	20.97	19.94	18.79
	25RB-Low (0)	2615 (38200)	20.95	21.00	20.48	18.70
		2595 (38000)	20.97	21.03	19.86	18.73
		2575 (37800)	21.02	21.05	20.03	19.09
	50RB (0)	2615 (38200)	20.95	21.01	20.66	19.20
		2595 (38000)	20.99	21.02	19.87	19.15
		2575 (37800)	20.93	21.01	19.93	19.06

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15MHz	1RB-High (74)	2612.5 (38175)	20.78	20.89	20.73	19.06
		2595 (38000)	20.82	20.62	20.71	18.80
		2577.5 (37825)	20.72	20.98	20.76	19.20
	1RB-Middle (37)	2612.5 (38175)	20.94	21.05	20.88	19.15
		2595 (38000)	20.95	20.74	20.86	19.14
		2577.5 (37825)	20.83	20.92	20.78	18.79
	1RB-Low (0)	2612.5 (38175)	20.95	20.81	20.87	18.78
		2595 (38000)	20.84	21.02	20.82	18.98
		2577.5 (37825)	20.83	20.77	20.81	19.09
	36RB-High (38)	2612.5 (38175)	20.91	20.94	20.44	18.89
		2595 (38000)	20.89	20.92	19.72	18.97
		2577.5 (37825)	20.83	20.81	19.59	18.89
	36RB-Middle (19)	2612.5 (38175)	20.87	20.86	20.35	19.09
		2595 (38000)	20.91	20.92	19.65	18.91
		2577.5 (37825)	20.83	20.77	19.65	18.76
	36RB-Low (0)	2612.5 (38175)	20.87	20.92	20.43	18.88
		2595 (38000)	20.90	20.92	19.73	19.00
		2577.5 (37825)	20.91	20.91	19.72	18.83
	75RB (0)	2612.5 (38175)	20.86	20.86	20.41	19.12
		2595 (38000)	20.90	20.90	19.69	18.73
		2577.5 (37825)	20.81	20.79	19.62	18.74
20MHz	1RB-High (99)	2610 (38150)	20.93	20.76	20.77	19.04
		2595 (38000)	20.70	20.71	20.55	18.92
		2580 (37850)	20.64	20.53	20.68	18.98
	1RB-Middle (50)	2610 (38150)	20.90	21.10	20.96	19.01
		2595 (38000)	20.77	20.84	20.87	19.15
		2580 (37850)	20.85	20.72	20.78	18.99
	1RB-Low (0)	2610 (38150)	20.86	20.90	20.85	18.86
		2595 (38000)	20.81	20.90	20.80	18.97
		2580 (37850)	21.01	21.01	21.09	19.14
	50RB-High (50)	2610 (38150)	20.96	20.99	20.25	18.74
		2595 (38000)	20.82	20.86	20.13	18.89
		2580 (37850)	20.82	20.80	20.11	19.14
	50RB-Middle (25)	2610 (38150)	20.89	20.88	20.17	18.89
		2595 (38000)	20.84	20.82	20.13	18.72
		2580 (37850)	20.92	21.02	20.23	19.07
	50RB-Low (0)	2610 (38150)	20.87	20.90	20.18	19.19
		2595 (38000)	20.84	20.87	20.10	18.81
		2580 (37850)	20.99	20.99	20.26	19.04
	100RB (0)	2610 (38150)	20.88	20.90	20.16	19.14
		2595 (38000)	20.80	20.82	20.17	18.90
		2580 (37850)	20.95	20.96	20.18	18.94

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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)	19.29	19.32	19.34	18.89
		2595 (38000)	18.98	19.01	19.06	18.91
		2572.5 (37775)	19.27	19.09	19.22	19.15
	1RB-Middle (12)	2617.5 (38225)	19.36	19.41	19.26	19.18
		2595 (38000)	19.07	19.12	19.20	18.94
		2572.5 (37775)	19.27	19.27	19.23	19.00
	1RB-Low (0)	2617.5 (38225)	19.32	19.34	19.21	18.94
		2595 (38000)	19.04	19.05	19.11	19.01
		2572.5 (37775)	19.29	19.25	19.30	18.93
	12RB-High (13)	2617.5 (38225)	19.30	19.33	19.26	18.85
		2595 (38000)	19.10	19.03	19.12	19.03
		2572.5 (37775)	19.18	19.16	19.22	18.80
	12RB-Middle (6)	2617.5 (38225)	19.24	19.24	19.14	18.70
		2595 (38000)	19.08	19.13	19.14	19.03
		2572.5 (37775)	19.22	19.27	19.26	18.82
	12RB-Low (0)	2617.5 (38225)	19.22	19.20	19.22	19.19
		2595 (38000)	19.08	19.02	19.10	19.08
		2572.5 (37775)	19.31	19.17	19.32	18.83
	25RB (0)	2617.5 (38225)	19.23	19.17	19.15	19.20
		2595 (38000)	19.06	19.04	19.10	18.71
		2572.5 (37775)	19.19	19.16	19.17	19.03
10MHz	1RB-High (49)	2615 (38200)	19.30	19.26	19.14	18.94
		2595 (38000)	19.02	19.10	18.95	18.83
		2575 (37800)	19.09	19.17	19.13	18.91
	1RB-Middle (24)	2615 (38200)	19.26	19.34	19.06	19.04
		2595 (38000)	19.04	19.06	18.99	19.16
		2575 (37800)	19.25	19.24	19.15	18.80
	1RB-Low (0)	2615 (38200)	19.26	19.19	19.07	19.17
		2595 (38000)	19.08	19.14	19.07	19.17
		2575 (37800)	19.28	19.24	19.32	18.86
	25RB-High (25)	2615 (38200)	19.31	19.20	19.21	19.18
		2595 (38000)	19.08	19.03	19.04	19.00
		2575 (37800)	19.12	19.16	19.11	19.08
	25RB-Middle (12)	2615 (38200)	19.26	19.23	19.20	19.09
		2595 (38000)	19.12	19.12	19.07	18.91
		2575 (37800)	19.18	19.20	19.15	19.06
	25RB-Low (0)	2615 (38200)	19.20	19.16	19.18	19.07
		2595 (38000)	19.10	19.09	19.08	19.05
		2575 (37800)	19.24	19.24	19.25	19.07
	50RB (0)	2615 (38200)	19.23	19.14	19.19	18.81
		2595 (38000)	19.11	19.09	19.07	18.92
		2575 (37800)	19.16	19.16	19.17	18.83

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15MHz	1RB-High (74)	2612.5 (38175)	18.97	19.08	18.92	19.17
		2595 (38000)	18.73	18.90	18.89	18.99
		2577.5 (37825)	18.80	18.95	18.91	18.78
	1RB-Middle (37)	2612.5 (38175)	19.03	19.18	19.10	18.88
		2595 (38000)	18.78	18.89	18.83	18.86
		2577.5 (37825)	19.03	18.96	18.89	18.89
	1RB-Low (0)	2612.5 (38175)	18.96	18.88	18.90	19.20
		2595 (38000)	18.91	19.04	18.99	19.08
		2577.5 (37825)	19.12	19.08	18.94	19.11
	36RB-High (38)	2612.5 (38175)	19.11	19.05	19.11	19.05
		2595 (38000)	18.93	18.96	18.91	19.14
		2577.5 (37825)	18.91	18.97	18.91	18.74
	36RB-Middle (19)	2612.5 (38175)	19.02	19.04	18.97	18.94
		2595 (38000)	18.93	18.94	18.90	19.19
		2577.5 (37825)	18.99	19.01	19.00	18.97
	36RB-Low (0)	2612.5 (38175)	19.02	19.02	19.03	18.78
		2595 (38000)	18.94	18.96	18.96	18.97
		2577.5 (37825)	19.12	19.13	19.14	19.08
	75RB (0)	2612.5 (38175)	19.02	19.01	19.00	18.72
		2595 (38000)	18.94	18.98	18.96	19.11
		2577.5 (37825)	18.99	19.03	18.97	18.99
20MHz	1RB-High (99)	2610 (38150)	18.86	18.90	18.76	19.16
		2595 (38000)	18.69	18.71	18.69	18.98
		2580 (37850)	18.70	18.58	18.59	18.81
	1RB-Middle (50)	2610 (38150)	18.85	18.95	18.71	18.75
		2595 (38000)	18.83	18.83	18.64	19.16
		2580 (37850)	18.90	18.77	18.73	18.97
	1RB-Low (0)	2610 (38150)	18.78	18.84	18.73	18.83
		2595 (38000)	18.84	18.67	18.79	19.04
		2580 (37850)	19.06	18.97	18.95	19.16
	50RB-High (50)	2610 (38150)	19.00	18.99	18.93	19.13
		2595 (38000)	18.83	18.83	18.85	19.01
		2580 (37850)	18.83	18.79	18.81	18.85
	50RB-Middle (25)	2610 (38150)	18.87	18.90	18.87	18.78
		2595 (38000)	18.81	18.85	18.87	18.76
		2580 (37850)	19.01	18.93	18.93	18.83
	50RB-Low (0)	2610 (38150)	18.90	18.89	18.83	18.74
		2595 (38000)	18.82	18.87	18.86	18.95
		2580 (37850)	18.97	19.01	19.03	19.13
	100RB (0)	2610 (38150)	18.83	18.85	18.82	19.07
		2595 (38000)	18.81	18.84	18.81	18.90
		2580 (37850)	18.95	18.91	18.98	19.01

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LTE Band38(ANT5 DSI 4/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	21.34	21.49	21.34	19.36
		2595 (38000)	21.35	21.34	21.22	19.53
		2572.5 (37775)	21.24	21.41	21.25	19.67
	1RB-Middle (12)	2617.5 (38225)	21.49	21.02	21.31	19.41
		2595 (38000)	21.35	21.44	21.27	19.59
		2572.5 (37775)	21.44	21.50	21.42	19.47
	1RB-Low (0)	2617.5 (38225)	21.33	21.34	21.32	19.46
		2595 (38000)	21.31	21.28	21.22	19.52
		2572.5 (37775)	21.34	21.44	21.14	19.35
	12RB-High (13)	2617.5 (38225)	21.39	21.43	21.30	19.64
		2595 (38000)	21.34	21.35	21.38	19.55
		2572.5 (37775)	21.32	21.24	21.27	19.38
	12RB-Middle (6)	2617.5 (38225)	21.31	21.41	21.38	19.64
		2595 (38000)	21.40	21.40	21.36	19.48
		2572.5 (37775)	21.38	21.46	20.90	19.50
	12RB-Low (0)	2617.5 (38225)	21.31	21.22	21.32	19.52
		2595 (38000)	21.41	21.44	21.22	19.39
		2572.5 (37775)	21.35	21.39	21.30	19.53
	25RB (0)	2617.5 (38225)	21.33	21.36	21.31	19.69
		2595 (38000)	21.38	21.32	21.42	19.59
		2572.5 (37775)	21.38	21.35	21.38	19.61
10MHz	1RB-High (49)	2615 (38200)	21.31	20.98	21.19	19.68
		2595 (38000)	21.34	21.47	21.25	19.46
		2575 (37800)	21.31	21.32	21.29	19.60
	1RB-Middle (24)	2615 (38200)	21.42	21.39	21.31	19.62
		2595 (38000)	21.39	21.43	21.29	19.63
		2575 (37800)	21.36	21.35	21.26	19.41
	1RB-Low (0)	2615 (38200)	21.34	21.48	21.49	19.64
		2595 (38000)	20.89	21.48	21.23	19.67
		2575 (37800)	21.29	21.49	21.27	19.43
	25RB-High (25)	2615 (38200)	21.37	21.42	21.40	19.64
		2595 (38000)	21.41	21.39	21.39	19.57
		2575 (37800)	21.39	21.38	21.37	19.66
	25RB-Middle (12)	2615 (38200)	21.45	21.03	21.44	19.36
		2595 (38000)	21.43	20.99	21.41	19.58
		2575 (37800)	20.97	21.36	21.39	19.45
	25RB-Low (0)	2615 (38200)	21.36	21.33	21.40	19.51
		2595 (38000)	21.29	21.36	21.33	19.42
		2575 (37800)	21.37	21.42	21.43	19.35
	50RB (0)	2615 (38200)	21.38	21.45	20.96	19.42
		2595 (38000)	21.39	21.40	21.39	19.68
		2575 (37800)	21.40	21.41	21.39	19.54

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15MHz	1RB-High (74)	2612.5 (38175)	21.08	21.19	21.05	19.42
		2595 (38000)	21.14	21.22	20.97	19.64
		2577.5 (37825)	21.04	21.35	21.21	19.66
	1RB-Middle (37)	2612.5 (38175)	21.24	21.08	21.29	19.69
		2595 (38000)	21.10	21.26	21.15	19.38
		2577.5 (37825)	21.18	21.24	21.33	19.65
	1RB-Low (0)	2612.5 (38175)	21.30	21.18	21.15	19.56
		2595 (38000)	21.19	21.21	21.15	19.57
		2577.5 (37825)	21.13	21.37	21.24	19.35
	36RB-High (38)	2612.5 (38175)	21.27	21.27	21.31	19.45
		2595 (38000)	21.23	21.30	21.27	19.39
		2577.5 (37825)	21.24	21.20	21.26	19.49
	36RB-Middle (19)	2612.5 (38175)	21.20	21.21	21.17	19.37
		2595 (38000)	21.20	21.29	21.23	19.39
		2577.5 (37825)	21.23	21.28	21.29	19.68
	36RB-Low (0)	2612.5 (38175)	21.24	21.17	21.24	19.59
		2595 (38000)	21.17	21.20	21.22	19.39
		2577.5 (37825)	21.25	21.27	21.25	19.68
	75RB (0)	2612.5 (38175)	21.17	21.23	21.19	19.66
		2595 (38000)	21.26	21.23	21.24	19.53
		2577.5 (37825)	21.19	21.22	21.28	19.35
20MHz	1RB-High (99)	2610 (38150)	21.00	21.06	21.03	19.43
		2595 (38000)	20.96	21.09	20.96	19.54
		2580 (37850)	21.11	21.05	20.94	19.53
	1RB-Middle (50)	2610 (38150)	21.08	21.33	21.12	19.67
		2595 (38000)	21.12	21.36	21.14	19.65
		2580 (37850)	21.10	21.17	21.06	19.63
	1RB-Low (0)	2610 (38150)	21.07	21.04	21.02	19.53
		2595 (38000)	21.15	21.36	21.14	19.51
		2580 (37850)	21.16	21.25	21.17	19.39
	50RB-High (50)	2610 (38150)	21.19	21.23	21.20	19.36
		2595 (38000)	21.18	21.17	21.16	19.70
		2580 (37850)	21.19	21.23	21.24	19.55
	50RB-Middle (25)	2610 (38150)	21.24	21.21	21.27	19.47
		2595 (38000)	21.22	21.24	21.18	19.64
		2580 (37850)	21.29	21.24	21.23	19.67
	50RB-Low (0)	2610 (38150)	21.18	21.17	21.14	19.37
		2595 (38000)	21.16	21.15	21.11	19.47
		2580 (37850)	21.26	21.27	21.29	19.37
	100RB (0)	2610 (38150)	21.21	21.24	21.23	19.55
		2595 (38000)	21.20	21.21	21.20	19.62
		2580 (37850)	21.22	21.23	21.25	19.42

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LTE Band38(ANT5 DSI 9/10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	18.87	18.84	18.82	18.84
		2595 (38000)	18.80	18.82	18.71	18.77
		2572.5 (37775)	18.84	18.83	18.75	18.67
	1RB-Middle (12)	2617.5 (38225)	18.89	18.93	18.88	18.80
		2595 (38000)	18.88	18.85	18.81	18.71
		2572.5 (37775)	18.85	18.90	18.95	18.53
	1RB-Low (0)	2617.5 (38225)	18.85	18.85	18.80	18.86
		2595 (38000)	18.41	18.93	18.83	18.74
		2572.5 (37775)	18.85	18.81	18.61	18.58
	12RB-High (13)	2617.5 (38225)	18.86	18.80	18.93	18.51
		2595 (38000)	18.40	18.83	18.94	18.56
		2572.5 (37775)	18.82	18.90	18.84	18.74
	12RB-Middle (6)	2617.5 (38225)	18.84	18.82	18.89	18.82
		2595 (38000)	18.90	18.93	18.88	18.73
		2572.5 (37775)	18.91	18.97	18.91	18.53
	12RB-Low (0)	2617.5 (38225)	18.83	18.75	18.83	18.68
		2595 (38000)	18.87	18.93	18.85	18.87
		2572.5 (37775)	18.85	18.84	18.90	18.59
	25RB (0)	2617.5 (38225)	18.78	18.87	18.85	18.70
		2595 (38000)	18.88	18.93	18.89	18.57
		2572.5 (37775)	18.81	18.86	18.86	18.65
10MHz	1RB-High (49)	2615 (38200)	18.86	18.96	18.87	18.67
		2595 (38000)	18.84	18.94	18.86	18.69
		2575 (37800)	18.81	18.84	18.84	18.62
	1RB-Middle (24)	2615 (38200)	18.89	18.81	18.92	18.83
		2595 (38000)	18.85	18.99	18.74	18.78
		2575 (37800)	18.85	18.99	18.73	18.77
	1RB-Low (0)	2615 (38200)	18.87	18.91	18.81	18.62
		2595 (38000)	18.82	18.79	18.32	18.65
		2575 (37800)	18.77	18.91	18.46	18.57
	25RB-High (25)	2615 (38200)	18.88	18.94	18.89	18.80
		2595 (38000)	18.42	18.89	18.92	18.71
		2575 (37800)	18.40	18.89	18.90	18.85
	25RB-Middle (12)	2615 (38200)	18.93	18.88	18.95	18.64
		2595 (38000)	18.94	18.96	18.46	18.56
		2575 (37800)	18.93	18.90	18.95	18.56
	25RB-Low (0)	2615 (38200)	18.81	18.84	18.87	18.71
		2595 (38000)	18.83	18.34	18.84	18.69
		2575 (37800)	18.90	18.89	18.44	18.68
	50RB (0)	2615 (38200)	18.93	18.90	18.93	18.51
		2595 (38000)	18.89	18.40	18.88	18.86
		2575 (37800)	18.88	18.92	18.86	18.55

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15MHz	1RB-High (74)	2612.5 (38175)	18.57	18.65	18.59	18.80
		2595 (38000)	18.61	18.64	18.50	18.88
		2577.5 (37825)	18.52	18.64	18.40	18.68
	1RB-Middle (37)	2612.5 (38175)	18.75	18.87	18.56	18.57
		2595 (38000)	18.71	18.72	18.50	18.65
		2577.5 (37825)	18.81	18.76	18.61	18.54
	1RB-Low (0)	2612.5 (38175)	18.67	18.65	18.60	18.52
		2595 (38000)	18.75	18.67	18.58	18.82
		2577.5 (37825)	18.64	18.57	18.61	18.53
	36RB-High (38)	2612.5 (38175)	18.77	18.69	18.73	18.70
		2595 (38000)	18.78	18.74	18.29	18.71
		2577.5 (37825)	18.74	18.73	18.74	18.82
	36RB-Middle (19)	2612.5 (38175)	18.27	18.66	18.69	18.50
		2595 (38000)	18.77	18.73	18.77	18.65
		2577.5 (37825)	18.76	18.73	18.76	18.73
	36RB-Low (0)	2612.5 (38175)	18.74	18.72	18.70	18.67
		2595 (38000)	18.69	18.65	18.68	18.64
		2577.5 (37825)	18.72	18.73	18.77	18.87
	75RB (0)	2612.5 (38175)	18.72	18.67	18.67	18.62
		2595 (38000)	18.74	18.74	18.76	18.51
		2577.5 (37825)	18.73	18.77	18.75	18.70
20MHz	1RB-High (99)	2610 (38150)	18.60	18.71	18.60	18.74
		2595 (38000)	18.46	18.55	18.62	18.82
		2580 (37850)	18.71	18.65	18.56	18.87
	1RB-Middle (50)	2610 (38150)	18.55	18.98	18.58	18.50
		2595 (38000)	18.70	18.48	18.76	18.68
		2580 (37850)	18.60	18.73	18.63	18.73
	1RB-Low (0)	2610 (38150)	18.66	18.59	18.57	18.75
		2595 (38000)	18.71	18.68	18.52	18.74
		2580 (37850)	18.76	18.73	18.66	18.68
	50RB-High (50)	2610 (38150)	18.70	18.71	18.60	18.55
		2595 (38000)	18.68	18.68	18.59	18.51
		2580 (37850)	18.70	18.68	18.71	18.62
	50RB-Middle (25)	2610 (38150)	18.72	18.72	18.68	18.71
		2595 (38000)	18.69	18.73	18.69	18.57
		2580 (37850)	18.73	18.73	18.72	18.83
	50RB-Low (0)	2610 (38150)	18.65	18.63	18.62	18.70
		2595 (38000)	18.62	18.59	18.61	18.72
		2580 (37850)	18.81	18.73	18.73	18.62
	100RB (0)	2610 (38150)	18.72	18.72	18.74	18.77
		2595 (38000)	18.73	18.66	18.71	18.59
		2580 (37850)	18.78	18.72	18.76	18.50

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LTE Band38(ANT6 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	21.56	21.61	21.60	18.40
		2595 (38000)	21.42	21.50	21.48	18.75
		2572.5 (37775)	21.45	21.50	21.38	18.71
	1RB-Middle (12)	2617.5 (38225)	21.57	21.76	21.80	18.60
		2595 (38000)	21.50	21.64	21.52	18.78
		2572.5 (37775)	21.50	21.64	21.50	18.79
	1RB-Low (0)	2617.5 (38225)	21.54	21.49	21.52	18.70
		2595 (38000)	21.38	21.51	21.56	18.60
		2572.5 (37775)	21.40	21.50	21.33	18.70
	12RB-High (13)	2617.5 (38225)	21.61	21.57	21.05	18.49
		2595 (38000)	21.49	21.48	21.04	18.60
		2572.5 (37775)	21.50	21.66	20.84	18.73
	12RB-Middle (6)	2617.5 (38225)	21.52	21.61	20.94	18.43
		2595 (38000)	21.51	21.60	21.09	18.75
		2572.5 (37775)	21.54	21.56	21.15	18.49
	12RB-Low (0)	2617.5 (38225)	21.53	21.50	21.12	18.69
		2595 (38000)	21.48	21.44	20.92	18.50
		2572.5 (37775)	21.52	21.52	21.04	18.77
	25RB (0)	2617.5 (38225)	21.50	21.58	21.06	18.61
		2595 (38000)	21.49	21.52	20.99	18.64
		2572.5 (37775)	21.54	21.60	21.01	18.57
10MHz	1RB-High (49)	2615 (38200)	21.55	21.60	21.50	18.59
		2595 (38000)	21.44	21.48	21.33	18.48
		2575 (37800)	21.43	21.38	21.44	18.69
	1RB-Middle (24)	2615 (38200)	21.55	21.70	21.51	18.59
		2595 (38000)	21.53	21.51	21.43	18.42
		2575 (37800)	21.56	21.54	21.50	18.56
	1RB-Low (0)	2615 (38200)	21.53	21.76	21.61	18.45
		2595 (38000)	21.40	21.69	21.36	18.72
		2575 (37800)	21.49	21.59	21.39	18.57
	25RB-High (25)	2615 (38200)	21.59	21.60	21.07	18.44
		2595 (38000)	21.51	21.57	21.03	18.47
		2575 (37800)	21.51	21.54	21.05	18.73
	25RB-Middle (12)	2615 (38200)	21.62	21.62	21.12	18.55
		2595 (38000)	21.50	21.50	21.02	18.50
		2575 (37800)	21.60	21.64	21.11	18.60
	25RB-Low (0)	2615 (38200)	21.50	21.52	21.01	18.57
		2595 (38000)	21.42	21.45	20.97	18.75
		2575 (37800)	21.56	21.57	21.10	18.43
	50RB (0)	2615 (38200)	21.61	21.64	21.11	18.46
		2595 (38000)	21.51	21.54	21.02	18.67
		2575 (37800)	21.56	21.58	21.07	18.72

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15MHz	1RB-High (74)	2612.5 (38175)	21.31	21.35	21.20	18.63
		2595 (38000)	21.28	21.30	21.19	18.45
		2577.5 (37825)	21.24	21.28	21.20	18.42
	1RB-Middle (37)	2612.5 (38175)	21.34	21.44	21.42	18.65
		2595 (38000)	21.26	21.51	21.32	18.68
		2577.5 (37825)	21.30	21.61	21.31	18.41
	1RB-Low (0)	2612.5 (38175)	21.28	21.45	21.19	18.49
		2595 (38000)	21.28	21.32	21.19	18.73
		2577.5 (37825)	21.43	21.51	21.42	18.42
	36RB-High (38)	2612.5 (38175)	21.43	21.46	20.95	18.47
		2595 (38000)	21.36	21.40	20.90	18.42
		2577.5 (37825)	21.42	21.44	20.92	18.78
	36RB-Middle (19)	2612.5 (38175)	21.42	21.38	20.89	18.70
		2595 (38000)	21.34	21.42	20.91	18.79
		2577.5 (37825)	21.39	21.45	20.90	18.41
	36RB-Low (0)	2612.5 (38175)	21.34	21.39	20.90	18.56
		2595 (38000)	21.29	21.37	20.85	18.40
		2577.5 (37825)	21.47	21.44	20.94	18.50
	75RB (0)	2612.5 (38175)	21.36	21.37	20.92	18.50
		2595 (38000)	21.39	21.40	20.90	18.44
		2577.5 (37825)	21.40	21.40	20.95	18.80
20MHz	1RB-High (99)	2610 (38150)	21.34	21.31	21.42	18.51
		2595 (38000)	21.25	21.27	21.09	18.62
		2580 (37850)	21.21	21.25	21.24	18.48
	1RB-Middle (50)	2610 (38150)	21.37	21.63	21.45	18.44
		2595 (38000)	21.31	21.50	21.75	18.74
		2580 (37850)	21.29	21.93	21.25	18.57
	1RB-Low (0)	2610 (38150)	21.48	21.41	21.32	18.71
		2595 (38000)	21.28	21.43	21.23	18.60
		2580 (37850)	21.49	21.36	21.34	18.65
	50RB-High (50)	2610 (38150)	21.46	21.48	20.93	18.71
		2595 (38000)	21.38	21.39	20.87	18.58
		2580 (37850)	21.37	21.39	20.89	18.74
	50RB-Middle (25)	2610 (38150)	21.44	21.46	20.95	18.73
		2595 (38000)	21.39	21.41	20.92	18.67
		2580 (37850)	21.41	21.45	20.89	18.69
	50RB-Low (0)	2610 (38150)	21.35	21.35	20.85	18.74
		2595 (38000)	21.31	21.31	20.83	18.62
		2580 (37850)	21.44	21.47	20.95	18.58
	100RB (0)	2610 (38150)	21.42	21.43	20.95	18.45
		2595 (38000)	21.37	21.40	20.90	18.42
		2580 (37850)	21.40	21.43	20.95	18.41

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LTE Band38(ANT6 DSI 5/9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	19.09	19.07	18.94	18.43
		2595 (38000)	18.94	19.00	18.86	18.57
		2572.5 (37775)	18.95	18.97	18.86	18.43
	1RB-Middle (12)	2617.5 (38225)	19.13	19.21	19.01	18.61
		2595 (38000)	18.95	19.14	19.10	18.56
		2572.5 (37775)	19.02	19.18	19.13	18.44
	1RB-Low (0)	2617.5 (38225)	19.05	19.18	18.98	18.53
		2595 (38000)	18.93	18.95	18.87	18.70
		2572.5 (37775)	19.04	19.03	19.02	18.76
	12RB-High (13)	2617.5 (38225)	19.08	19.09	19.11	18.80
		2595 (38000)	18.99	19.01	18.95	18.61
		2572.5 (37775)	18.99	19.05	18.95	18.58
	12RB-Middle (6)	2617.5 (38225)	19.03	19.06	19.04	18.40
		2595 (38000)	19.00	18.97	18.99	18.46
		2572.5 (37775)	19.07	18.98	19.03	18.63
	12RB-Low (0)	2617.5 (38225)	19.03	18.99	18.98	18.59
		2595 (38000)	19.00	18.94	18.98	18.66
		2572.5 (37775)	19.03	19.05	19.03	18.63
	25RB (0)	2617.5 (38225)	18.99	18.96	19.01	18.80
		2595 (38000)	19.01	18.98	18.97	18.44
		2572.5 (37775)	19.02	18.98	19.02	18.65
10MHz	1RB-High (49)	2615 (38200)	19.06	19.17	19.03	18.46
		2595 (38000)	18.95	19.02	18.82	18.41
		2575 (37800)	18.95	19.02	18.80	18.65
	1RB-Middle (24)	2615 (38200)	19.12	19.02	18.92	18.71
		2595 (38000)	19.00	19.04	18.95	18.59
		2575 (37800)	19.02	18.96	18.85	18.74
	1RB-Low (0)	2615 (38200)	19.04	19.16	18.97	18.61
		2595 (38000)	18.97	18.92	18.99	18.72
		2575 (37800)	18.97	18.93	18.95	18.49
	25RB-High (25)	2615 (38200)	19.11	19.04	19.04	18.41
		2595 (38000)	19.01	18.96	18.99	18.79
		2575 (37800)	18.99	19.05	19.06	18.58
	25RB-Middle (12)	2615 (38200)	19.13	19.14	19.12	18.73
		2595 (38000)	18.99	19.00	19.05	18.58
		2575 (37800)	19.07	19.05	19.03	18.64
	25RB-Low (0)	2615 (38200)	18.97	19.02	19.01	18.50
		2595 (38000)	18.91	18.95	18.92	18.72
		2575 (37800)	19.07	19.06	19.00	18.54
	50RB (0)	2615 (38200)	19.10	19.07	19.12	18.52
		2595 (38000)	18.99	19.00	18.99	18.49
		2575 (37800)	19.03	19.04	19.01	18.47

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15MHz	1RB-High (74)	2612.5 (38175)	18.81	18.77	18.84	18.52
		2595 (38000)	18.67	18.75	18.54	18.60
		2577.5 (37825)	18.63	18.78	18.76	18.50
	1RB-Middle (37)	2612.5 (38175)	18.83	18.97	18.84	18.41
		2595 (38000)	18.86	18.77	18.78	18.46
		2577.5 (37825)	18.74	18.86	18.75	18.73
	1RB-Low (0)	2612.5 (38175)	18.80	18.83	18.85	18.48
		2595 (38000)	18.75	19.01	18.65	18.47
		2577.5 (37825)	18.79	18.95	18.78	18.57
	36RB-High (38)	2612.5 (38175)	18.96	18.92	18.97	18.68
		2595 (38000)	18.86	18.84	18.86	18.67
		2577.5 (37825)	18.87	18.89	18.86	18.64
	36RB-Middle (19)	2612.5 (38175)	18.85	18.88	18.86	18.58
		2595 (38000)	18.83	18.87	18.86	18.49
		2577.5 (37825)	18.86	18.85	18.87	18.57
	36RB-Low (0)	2612.5 (38175)	18.84	18.89	18.89	18.42
		2595 (38000)	18.75	18.80	18.83	18.80
		2577.5 (37825)	18.89	18.89	18.93	18.41
	75RB (0)	2612.5 (38175)	18.84	18.88	18.86	18.49
		2595 (38000)	18.86	18.86	18.87	18.41
		2577.5 (37825)	18.88	18.86	18.87	18.45
20MHz	1RB-High (99)	2610 (38150)	18.80	18.89	18.77	18.47
		2595 (38000)	18.64	18.75	18.86	18.46
		2580 (37850)	18.72	18.83	18.59	18.77
	1RB-Middle (50)	2610 (38150)	18.85	19.22	18.92	18.79
		2595 (38000)	18.81	18.86	18.78	18.80
		2580 (37850)	18.81	18.79	18.79	18.48
	1RB-Low (0)	2610 (38150)	18.79	18.79	18.65	18.52
		2595 (38000)	18.84	18.71	18.92	18.57
		2580 (37850)	18.82	18.83	18.92	18.50
	50RB-High (50)	2610 (38150)	18.92	18.95	18.92	18.63
		2595 (38000)	18.82	18.84	18.84	18.63
		2580 (37850)	18.96	18.87	18.87	18.67
	50RB-Middle (25)	2610 (38150)	18.91	18.93	18.95	18.73
		2595 (38000)	18.86	18.87	18.84	18.75
		2580 (37850)	18.87	18.89	18.88	18.59
	50RB-Low (0)	2610 (38150)	18.81	18.86	18.83	18.47
		2595 (38000)	18.81	18.80	18.79	18.44
		2580 (37850)	18.87	18.94	18.93	18.55
	100RB (0)	2610 (38150)	18.92	18.91	18.93	18.58
		2595 (38000)	18.84	18.87	18.87	18.77
		2580 (37850)	18.89	18.90	18.90	18.62

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LTE Band38(ANT6 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	17.04	16.93	16.90	16.56
		2595 (38000)	16.91	16.87	16.83	16.57
		2572.5 (37775)	16.92	16.84	16.83	16.86
	1RB-Middle (12)	2617.5 (38225)	17.08	17.05	16.96	16.69
		2595 (38000)	16.92	16.99	17.04	16.85
		2572.5 (37775)	16.98	17.03	17.07	16.52
	1RB-Low (0)	2617.5 (38225)	17.01	17.03	16.94	16.81
		2595 (38000)	16.90	16.82	16.84	16.71
		2572.5 (37775)	17.00	16.89	16.97	16.65
	12RB-High (13)	2617.5 (38225)	17.03	16.95	17.05	16.71
		2595 (38000)	16.95	16.88	16.91	16.66
		2572.5 (37775)	16.95	16.91	16.91	16.90
	12RB-Middle (6)	2617.5 (38225)	16.99	16.92	16.99	16.80
		2595 (38000)	16.96	16.84	16.95	16.70
		2572.5 (37775)	17.02	16.85	16.98	16.50
	12RB-Low (0)	2617.5 (38225)	16.99	16.86	16.94	16.72
		2595 (38000)	16.96	16.81	16.94	16.83
		2572.5 (37775)	16.99	16.91	16.98	16.55
	25RB (0)	2617.5 (38225)	16.95	16.83	16.96	16.74
		2595 (38000)	16.97	16.85	16.93	16.74
		2572.5 (37775)	16.98	16.85	16.97	16.57
10MHz	1RB-High (49)	2615 (38200)	17.01	17.02	16.98	16.80
		2595 (38000)	16.92	16.89	16.79	16.86
		2575 (37800)	16.92	16.89	16.78	16.59
	1RB-Middle (24)	2615 (38200)	17.07	16.89	16.88	16.64
		2595 (38000)	16.96	16.90	16.91	16.78
		2575 (37800)	16.98	16.83	16.82	16.75
	1RB-Low (0)	2615 (38200)	17.00	17.01	16.93	16.80
		2595 (38000)	16.93	16.80	16.95	16.67
		2575 (37800)	16.93	16.81	16.91	16.59
	25RB-High (25)	2615 (38200)	17.06	16.90	16.99	16.70
		2595 (38000)	16.97	16.83	16.95	16.78
		2575 (37800)	16.95	16.91	17.01	16.70
	25RB-Middle (12)	2615 (38200)	17.08	16.99	17.06	16.83
		2595 (38000)	16.95	16.87	17.00	16.74
		2575 (37800)	17.02	16.91	16.98	16.80
	25RB-Low (0)	2615 (38200)	16.93	16.89	16.96	16.78
		2595 (38000)	16.88	16.82	16.88	16.59
		2575 (37800)	17.02	16.92	16.96	16.54
	50RB (0)	2615 (38200)	17.05	16.93	17.06	16.88
		2595 (38000)	16.95	16.87	16.95	16.63
		2575 (37800)	16.99	16.90	16.96	16.70

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15MHz	1RB-High (74)	2612.5 (38175)	16.99	16.66	16.81	16.59
		2595 (38000)	16.86	16.65	16.54	16.81
		2577.5 (37825)	16.83	16.67	16.74	16.64
	1RB-Middle (37)	2612.5 (38175)	16.81	16.84	16.81	16.86
		2595 (38000)	16.83	16.66	16.76	16.80
		2577.5 (37825)	16.93	16.74	16.73	16.51
	1RB-Low (0)	2612.5 (38175)	16.98	16.72	16.82	16.61
		2595 (38000)	16.93	16.88	16.64	16.61
		2577.5 (37825)	16.97	16.82	16.76	16.81
	36RB-High (38)	2612.5 (38175)	16.92	16.80	16.93	16.85
		2595 (38000)	16.83	16.73	16.83	16.58
		2577.5 (37825)	16.84	16.77	16.83	16.71
	36RB-Middle (19)	2612.5 (38175)	16.83	16.76	16.83	16.88
		2595 (38000)	16.81	16.75	16.83	16.79
		2577.5 (37825)	16.83	16.73	16.84	16.62
	36RB-Low (0)	2612.5 (38175)	16.82	16.77	16.86	16.67
		2595 (38000)	16.93	16.69	16.80	16.51
		2577.5 (37825)	16.86	16.77	16.89	16.53
	75RB (0)	2612.5 (38175)	16.82	16.76	16.83	16.74
		2595 (38000)	16.83	16.74	16.84	16.58
		2577.5 (37825)	16.85	16.74	16.84	16.71
20MHz	1RB-High (99)	2610 (38150)	16.98	16.77	16.75	16.78
		2595 (38000)	16.72	16.59	16.79	16.70
		2580 (37850)	16.69	16.75	16.64	16.51
	1RB-Middle (50)	2610 (38150)	16.81	16.92	16.74	16.85
		2595 (38000)	16.77	16.69	16.89	16.62
		2580 (37850)	16.73	16.83	16.98	16.83
	1RB-Low (0)	2610 (38150)	16.74	16.93	16.63	16.79
		2595 (38000)	16.76	16.99	16.75	16.82
		2580 (37850)	16.83	16.82	16.84	16.80
	50RB-High (50)	2610 (38150)	16.89	16.93	16.92	16.71
		2595 (38000)	16.81	16.85	16.81	16.64
		2580 (37850)	16.85	16.87	16.82	16.79
	50RB-Middle (25)	2610 (38150)	16.92	16.91	16.95	16.81
		2595 (38000)	16.85	16.86	16.86	16.85
		2580 (37850)	16.87	16.89	16.88	16.89
	50RB-Low (0)	2610 (38150)	16.83	16.80	16.80	16.75
		2595 (38000)	16.78	16.73	16.79	16.82
		2580 (37850)	16.90	16.90	16.90	16.59
	100RB (0)	2610 (38150)	16.90	16.92	16.93	16.78
		2595 (38000)	16.86	16.86	16.84	16.56
		2580 (37850)	16.86	16.89	16.88	16.87

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LTE Band38(ANT6 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2617.5 (38225)	15.52	15.51	15.33	15.43
		2595 (38000)	15.39	15.45	15.26	15.29
		2572.5 (37775)	15.40	15.43	15.26	15.26
	1RB-Middle (12)	2617.5 (38225)	15.55	15.62	15.38	15.37
		2595 (38000)	15.40	15.56	15.46	15.48
		2572.5 (37775)	15.46	15.60	15.48	15.38
	1RB-Low (0)	2617.5 (38225)	15.48	15.60	15.36	15.36
		2595 (38000)	15.39	15.41	15.27	15.41
		2572.5 (37775)	15.48	15.47	15.39	15.23
	12RB-High (13)	2617.5 (38225)	15.51	15.52	15.47	15.30
		2595 (38000)	15.43	15.46	15.34	15.33
		2572.5 (37775)	15.43	15.49	15.34	15.20
	12RB-Middle (6)	2617.5 (38225)	15.47	15.50	15.41	15.22
		2595 (38000)	15.44	15.43	15.37	15.28
		2572.5 (37775)	15.50	15.43	15.40	15.39
	12RB-Low (0)	2617.5 (38225)	15.47	15.44	15.36	15.23
		2595 (38000)	15.44	15.40	15.36	15.21
		2572.5 (37775)	15.47	15.49	15.40	15.43
	25RB (0)	2617.5 (38225)	15.43	15.42	15.38	15.33
		2595 (38000)	15.45	15.43	15.35	15.23
		2572.5 (37775)	15.46	15.43	15.39	15.29
10MHz	1RB-High (49)	2615 (38200)	15.49	15.59	15.40	15.29
		2595 (38000)	15.40	15.47	15.23	15.21
		2575 (37800)	15.40	15.47	15.21	15.46
	1RB-Middle (24)	2615 (38200)	15.54	15.47	15.31	15.27
		2595 (38000)	15.44	15.48	15.34	15.43
		2575 (37800)	15.46	15.42	15.25	15.28
	1RB-Low (0)	2615 (38200)	15.48	15.58	15.35	15.30
		2595 (38000)	15.42	15.38	15.37	15.45
		2575 (37800)	15.42	15.39	15.34	15.34
	25RB-High (25)	2615 (38200)	15.53	15.48	15.41	15.34
		2595 (38000)	15.45	15.42	15.37	15.31
		2575 (37800)	15.43	15.49	15.42	15.37
	25RB-Middle (12)	2615 (38200)	15.55	15.56	15.47	15.32
		2595 (38000)	15.43	15.45	15.42	15.29
		2575 (37800)	15.50	15.49	15.40	15.38
	25RB-Low (0)	2615 (38200)	15.42	15.47	15.38	15.33
		2595 (38000)	15.37	15.41	15.31	15.42
		2575 (37800)	15.50	15.50	15.38	15.26
	50RB (0)	2615 (38200)	15.52	15.51	15.47	15.44
		2595 (38000)	15.43	15.45	15.37	15.49
		2575 (37800)	15.47	15.48	15.38	15.32

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15MHz	1RB-High (74)	2612.5 (38175)	15.29	15.26	15.25	15.45
		2595 (38000)	15.17	15.25	15.00	15.39
		2577.5 (37825)	15.14	15.27	15.18	15.20
	1RB-Middle (37)	2612.5 (38175)	15.30	15.43	15.25	15.46
		2595 (38000)	15.33	15.26	15.20	15.27
		2577.5 (37825)	15.23	15.34	15.17	15.27
	1RB-Low (0)	2612.5 (38175)	15.28	15.31	15.25	15.27
		2595 (38000)	15.24	15.46	15.09	15.39
		2577.5 (37825)	15.27	15.41	15.20	15.49
	36RB-High (38)	2612.5 (38175)	15.41	15.38	15.35	15.42
		2595 (38000)	15.33	15.32	15.26	15.37
		2577.5 (37825)	15.34	15.36	15.26	15.23
	36RB-Middle (19)	2612.5 (38175)	15.32	15.35	15.26	15.42
		2595 (38000)	15.30	15.34	15.26	15.30
		2577.5 (37825)	15.33	15.33	15.27	15.26
	36RB-Low (0)	2612.5 (38175)	15.31	15.36	15.29	15.26
		2595 (38000)	15.24	15.29	15.24	15.26
		2577.5 (37825)	15.35	15.36	15.32	15.48
	75RB (0)	2612.5 (38175)	15.31	15.35	15.26	15.43
		2595 (38000)	15.33	15.34	15.27	15.50
		2577.5 (37825)	15.35	15.34	15.27	15.29
20MHz	1RB-High (99)	2610 (38150)	15.28	15.36	15.19	15.44
		2595 (38000)	15.19	15.13	15.45	15.27
		2580 (37850)	15.14	15.23	15.31	15.20
	1RB-Middle (50)	2610 (38150)	15.28	15.28	15.50	15.42
		2595 (38000)	15.25	15.17	15.09	15.38
		2580 (37850)	15.25	15.20	15.19	15.43
	1RB-Low (0)	2610 (38150)	15.36	15.38	15.48	15.27
		2595 (38000)	15.23	15.36	15.26	15.50
		2580 (37850)	15.27	15.32	15.32	15.37
	50RB-High (50)	2610 (38150)	15.41	15.40	15.46	15.39
		2595 (38000)	15.34	15.33	15.35	15.21
		2580 (37850)	15.32	15.39	15.36	15.37
	50RB-Middle (25)	2610 (38150)	15.46	15.49	15.50	15.31
		2595 (38000)	15.35	15.38	14.93	15.24
		2580 (37850)	15.37	15.39	15.41	15.23
	50RB-Low (0)	2610 (38150)	15.35	15.40	15.33	15.31
		2595 (38000)	15.24	15.32	15.29	15.30
		2580 (37850)	15.34	15.45	15.44	15.25
	100RB (0)	2610 (38150)	15.45	15.45	15.48	15.37
		2595 (38000)	14.91	15.39	14.93	15.25
		2580 (37850)	15.34	15.39	15.39	15.23

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LTE Band41 PC2(ANT0 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.29	23.68	22.56	19.69
		2640.3(41093)	23.04	23.52	21.53	19.51
		2593 (40620)	23.35	23.68	21.70	19.73
		2545.8(40148)	23.38	23.74	21.70	19.80
		2498.5 (39675)	23.42	23.76	21.74	19.73
	1RB-Middle (12)	2687.5 (41565)	23.39	23.79	22.65	19.84
		2640.3(41093)	23.13	23.62	21.49	19.66
		2593 (40620)	23.43	23.88	21.80	19.60
		2545.8(40148)	23.38	23.71	21.78	19.56
		2498.5 (39675)	23.55	23.61	21.89	19.82
	1RB-Low (0)	2687.5 (41565)	23.31	23.63	22.51	19.50
		2640.3(41093)	23.06	23.42	21.47	19.54
		2593 (40620)	23.41	23.74	21.73	19.73
		2545.8(40148)	23.29	23.72	21.58	19.53
		2498.5 (39675)	23.47	23.70	21.87	19.52
	12RB-High (13)	2687.5 (41565)	23.41	22.47	21.59	19.55
		2640.3(41093)	23.05	22.22	20.54	19.60
		2593 (40620)	23.46	22.60	20.55	19.82
		2545.8(40148)	23.45	22.70	20.53	19.56
		2498.5 (39675)	23.52	22.71	20.75	19.74
	12RB-Middle (6)	2687.5 (41565)	23.42	22.62	21.55	19.58
		2640.3(41093)	23.18	22.28	20.57	19.51
		2593 (40620)	23.50	22.67	20.65	19.50
		2545.8(40148)	23.48	22.61	20.61	19.56
		2498.5 (39675)	23.56	22.72	20.72	19.82
	12RB-Low (0)	2687.5 (41565)	23.39	22.48	21.57	19.78
		2640.3(41093)	23.16	22.32	20.56	19.51
		2593 (40620)	23.41	22.51	20.53	19.78
		2545.8(40148)	23.41	22.63	20.58	19.82
		2498.5 (39675)	23.47	22.61	20.70	19.82
	25RB (0)	2687.5 (41565)	23.40	22.52	20.54	19.55
		2640.3(41093)	23.16	22.25	20.60	19.58
		2593 (40620)	23.44	22.65	20.60	19.50
		2545.8(40148)	23.43	22.57	20.52	19.50
		2498.5 (39675)	23.56	22.66	20.65	19.82

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10MHz	1RB-High (49)	2685 (41540)	23.33	23.77	22.53	19.64
		2639(41080)	23.06	23.46	22.32	19.60
		2593 (40620)	23.31	23.73	22.42	19.51
		2547(40160)	23.41	23.81	22.45	19.51
		2501 (39700)	23.31	23.74	22.53	19.50
	1RB-Middle (24)	2685 (41540)	23.36	23.70	22.46	19.76
		2639(41080)	23.14	23.46	22.37	19.60
		2593 (40620)	23.45	23.74	22.61	19.83
		2547(40160)	23.43	23.80	22.52	19.57
		2501 (39700)	23.49	23.65	22.63	19.77
	1RB-Low (0)	2685 (41540)	23.23	23.54	22.45	19.57
		2639(41080)	23.04	23.48	22.42	19.63
		2593 (40620)	23.39	23.83	22.50	19.75
		2547(40160)	23.29	23.66	22.39	19.51
		2501 (39700)	23.48	23.83	22.58	19.56
	25RB-High (25)	2685 (41540)	23.38	22.49	21.50	19.55
		2639(41080)	23.05	22.20	21.22	19.62
		2593 (40620)	23.42	22.54	21.56	19.51
		2547(40160)	23.50	22.58	21.59	19.82
		2501 (39700)	23.45	22.59	21.54	19.82
	25RB-Middle (12)	2685 (41540)	23.41	22.52	21.50	19.62
		2639(41080)	23.21	22.28	21.31	19.65
		2593 (40620)	23.53	22.62	21.60	19.56
		2547(40160)	23.48	22.64	21.66	19.51
		2501 (39700)	23.50	22.62	21.61	19.51
	25RB-Low (0)	2685 (41540)	23.34	22.50	21.45	19.54
		2639(41080)	23.19	22.32	21.28	19.68
		2593 (40620)	23.40	22.59	21.54	19.53
		2547(40160)	23.40	22.48	21.55	19.50
		2501 (39700)	23.49	22.58	21.66	19.82
	50RB (0)	2685 (41540)	22.72	21.71	20.73	19.58
		2639(41080)	22.50	21.50	20.47	19.58
		2593 (40620)	22.76	21.83	20.77	19.50
		2547(40160)	22.77	21.78	20.78	19.51
		2501 (39700)	22.77	21.77	20.81	19.82

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15MHz	1RB-High (74)	2682.5 (41515)	23.18	23.62	22.43	19.52
		2637.8(41068)	22.99	23.29	22.17	19.73
		2593 (40620)	23.13	23.31	22.14	19.74
		2548.3(40173)	23.34	23.58	22.58	19.72
		2503.5 (39725)	23.01	23.40	22.26	19.55
	1RB-Middle (37)	2682.5 (41515)	23.14	23.58	22.33	19.74
		2637.8(41068)	22.91	23.31	22.08	19.74
		2593 (40620)	23.26	23.60	22.41	19.65
		2548.3(40173)	23.24	23.38	22.29	19.82
		2503.5 (39725)	23.18	23.63	22.42	19.65
	1RB-Low (0)	2682.5 (41515)	23.06	23.38	22.40	19.69
		2637.8(41068)	22.98	23.39	22.20	19.73
		2593 (40620)	23.36	23.58	22.60	19.75
		2548.3(40173)	23.18	23.40	22.10	19.69
		2503.5 (39725)	23.29	23.65	22.42	19.64
	36RB-High (38)	2682.5 (41515)	23.23	22.36	21.34	19.78
		2637.8(41068)	22.97	22.09	21.11	19.83
		2593 (40620)	23.25	22.33	21.39	19.76
		2548.3(40173)	23.38	22.49	21.45	19.77
		2503.5 (39725)	23.25	22.34	21.39	19.63
	36RB-Middle (19)	2682.5 (41515)	23.23	22.35	21.35	19.82
		2637.8(41068)	23.05	22.17	21.17	19.50
		2593 (40620)	23.40	22.37	21.41	19.73
		2548.3(40173)	23.36	22.44	21.44	19.75
		2503.5 (39725)	23.30	22.44	21.43	19.66
	36RB-Low (0)	2682.5 (41515)	23.17	22.27	21.23	19.74
		2637.8(41068)	23.11	22.21	21.18	19.74
		2593 (40620)	23.34	22.43	21.45	19.76
		2548.3(40173)	23.26	22.35	21.37	19.75
		2503.5 (39725)	23.39	22.46	21.43	19.69
	75RB (0)	2682.5 (41515)	22.54	21.56	20.55	19.83
		2637.8(41068)	22.36	21.59	20.58	19.51
		2593 (40620)	22.66	21.62	20.64	19.75
		2548.3(40173)	22.67	21.67	20.65	19.74
		2503.5 (39725)	22.66	21.64	20.63	19.68

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20MHz	1RB-High (99)	2680 (41490)	23.39	23.71	22.48	19.69
		2636.5(41055)	23.12	23.31	22.10	19.58
		2593 (40620)	22.96	23.36	22.02	19.69
		2549.5(40185)	23.22	23.46	22.32	19.56
		2506 (39750)	23.13	23.37	22.13	19.73
	1RB-Middle (50)	2680 (41490)	23.30	23.66	22.47	19.93
		2636.5(41055)	22.94	23.53	22.09	19.53
		2593 (40620)	23.09	23.49	22.18	19.69
		2549.5(40185)	23.16	23.75	22.33	19.60
		2506 (39750)	23.22	23.58	22.42	19.77
	1RB-Low (0)	2680 (41490)	23.33	23.69	22.32	19.68
		2636.5(41055)	23.00	23.29	22.12	19.71
		2593 (40620)	23.25	23.61	22.49	19.75
		2549.5(40185)	23.06	23.37	22.22	19.72
		2506 (39750)	23.38	23.58	22.36	19.75
	50RB-High (50)	2680 (41490)	23.45	22.56	21.54	19.68
		2636.5(41055)	23.06	22.16	21.15	19.72
		2593 (40620)	23.13	22.29	21.30	19.66
		2549.5(40185)	23.27	22.43	21.40	19.64
		2506 (39750)	23.23	22.36	21.32	19.68
	50RB-Middle (25)	2680 (41490)	23.41	22.53	21.55	19.64
		2636.5(41055)	23.10	22.24	21.22	19.69
		2593 (40620)	23.25	22.40	21.40	19.72
		2549.5(40185)	23.27	22.42	21.43	19.71
		2506 (39750)	23.33	22.45	21.42	19.72
	50RB-Low (0)	2680 (41490)	23.30	22.46	21.42	19.66
		2636.5(41055)	23.05	22.19	21.17	19.61
		2593 (40620)	23.27	22.37	21.36	19.65
		2549.5(40185)	23.17	22.31	21.28	19.63
		2506 (39750)	23.32	22.50	21.45	19.63
	100RB (0)	2680 (41490)	22.68	21.77	20.80	19.62
		2636.5(41055)	22.38	21.60	20.45	19.65
		2593 (40620)	22.52	21.54	20.55	19.67
		2549.5(40185)	22.58	21.62	20.60	19.72
		2506 (39750)	22.58	21.63	20.62	19.72

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LTE Band41 PC2(ANT0 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.16	23.13	22.93	19.65
		2640.3(41093)	22.85	22.59	22.72	19.47
		2593 (40620)	23.10	23.04	22.85	19.69
		2545.8(40148)	23.12	22.94	22.89	19.76
		2498.5 (39675)	23.20	22.98	23.04	19.69
	1RB-Middle (12)	2687.5 (41565)	23.18	22.96	23.02	19.80
		2640.3(41093)	22.92	22.70	22.81	19.62
		2593 (40620)	23.22	23.01	23.06	19.56
		2545.8(40148)	23.14	23.09	23.01	19.52
		2498.5 (39675)	23.28	23.11	23.12	19.78
	1RB-Low (0)	2687.5 (41565)	23.06	23.00	22.97	19.46
		2640.3(41093)	22.82	22.71	22.60	19.50
		2593 (40620)	23.19	23.11	23.01	19.69
		2545.8(40148)	23.03	22.91	22.92	19.49
		2498.5 (39675)	23.28	23.01	23.08	19.48
	12RB-High (13)	2687.5 (41565)	23.17	23.08	22.11	19.51
		2640.3(41093)	22.82	22.61	21.70	19.56
		2593 (40620)	23.16	23.10	22.10	19.78
		2545.8(40148)	23.16	22.94	22.06	19.52
		2498.5 (39675)	23.24	23.06	22.23	19.70
	12RB-Middle (6)	2687.5 (41565)	23.22	23.01	22.11	19.54
		2640.3(41093)	22.91	22.83	21.81	19.48
		2593 (40620)	23.25	23.15	22.11	19.46
		2545.8(40148)	23.20	23.11	21.96	19.52
		2498.5 (39675)	23.27	23.15	22.24	19.78
	12RB-Low (0)	2687.5 (41565)	23.16	22.91	22.17	19.74
		2640.3(41093)	22.87	22.76	21.75	19.48
		2593 (40620)	23.13	22.99	21.92	19.74
		2545.8(40148)	23.15	22.95	22.09	19.78
		2498.5 (39675)	23.16	23.03	22.10	19.78
	25RB (0)	2687.5 (41565)	23.19	23.01	22.04	19.51
		2640.3(41093)	22.92	22.74	21.81	19.54
		2593 (40620)	23.24	23.05	22.05	19.46
		2545.8(40148)	23.13	23.01	21.97	19.46
		2498.5 (39675)	23.26	23.08	22.11	19.78

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10MHz	1RB-High (49)	2685 (41540)	23.07	22.92	22.96	19.60
		2639(41080)	22.83	22.74	22.73	19.56
		2593 (40620)	23.08	22.88	22.89	19.48
		2547(40160)	23.20	23.05	22.90	19.47
		2501 (39700)	23.11	23.08	22.90	19.46
	1RB-Middle (24)	2685 (41540)	23.23	22.97	22.98	19.72
		2639(41080)	22.89	22.79	22.75	19.56
		2593 (40620)	23.15	23.00	23.03	19.78
		2547(40160)	23.23	23.05	22.94	19.53
		2501 (39700)	23.16	23.08	23.06	19.73
	1RB-Low (0)	2685 (41540)	23.11	23.00	22.94	19.53
		2639(41080)	22.85	22.84	22.78	19.59
		2593 (40620)	23.21	23.10	23.01	19.71
		2547(40160)	23.01	22.92	22.71	19.47
		2501 (39700)	23.23	23.15	23.08	19.52
	25RB-High (25)	2685 (41540)	23.15	22.99	22.01	19.51
		2639(41080)	22.82	22.65	21.66	19.58
		2593 (40620)	23.13	22.99	22.06	19.47
		2547(40160)	23.19	23.02	22.08	19.78
		2501 (39700)	23.14	23.03	22.06	19.78
	25RB-Middle (12)	2685 (41540)	23.23	23.01	22.08	19.58
		2639(41080)	22.93	22.75	21.83	19.61
		2593 (40620)	23.22	23.06	22.11	19.52
		2547(40160)	23.21	23.01	22.08	19.48
		2501 (39700)	23.23	23.09	22.11	19.47
	25RB-Low (0)	2685 (41540)	23.18	22.97	22.00	19.50
		2639(41080)	22.91	22.77	21.78	19.64
		2593 (40620)	23.18	22.98	22.03	19.49
		2547(40160)	23.13	22.97	22.03	19.46
		2501 (39700)	23.25	23.09	22.14	19.78
	50RB (0)	2685 (41540)	23.15	23.02	22.02	19.54
		2639(41080)	22.91	22.79	21.78	19.54
		2593 (40620)	23.23	23.01	22.10	19.46
		2547(40160)	23.19	23.01	22.04	19.47
		2501 (39700)	23.20	23.10	22.06	19.78

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15MHz	1RB-High (74)	2682.5 (41515)	23.01	22.94	22.84	19.48
		2637.8(41068)	22.73	22.58	22.65	19.69
		2593 (40620)	23.01	22.92	22.91	19.70
		2548.3(40173)	23.07	23.10	23.04	19.68
		2503.5 (39725)	22.80	22.77	22.79	19.51
	1RB-Middle (37)	2682.5 (41515)	22.96	23.00	22.83	19.70
		2637.8(41068)	22.67	22.76	22.59	19.70
		2593 (40620)	23.05	22.88	22.95	19.61
		2548.3(40173)	23.05	22.80	22.91	19.78
		2503.5 (39725)	22.94	22.99	23.00	19.61
	1RB-Low (0)	2682.5 (41515)	22.91	22.80	22.82	19.65
		2637.8(41068)	22.77	22.68	22.62	19.69
		2593 (40620)	23.18	23.06	23.06	19.71
		2548.3(40173)	22.93	22.70	22.80	19.65
		2503.5 (39725)	23.00	22.98	22.90	19.60
	36RB-High (38)	2682.5 (41515)	23.03	22.92	21.90	19.74
		2637.8(41068)	22.68	22.58	21.59	19.78
		2593 (40620)	23.07	22.91	21.92	19.72
		2548.3(40173)	23.13	22.99	22.01	19.73
		2503.5 (39725)	23.01	22.83	21.86	19.59
	36RB-Middle (19)	2682.5 (41515)	23.01	22.89	21.89	19.78
		2637.8(41068)	22.83	22.67	21.68	19.46
		2593 (40620)	23.07	22.92	21.99	19.69
		2548.3(40173)	23.04	22.92	21.94	19.71
		2503.5 (39725)	23.01	22.88	21.94	19.62
	36RB-Low (0)	2682.5 (41515)	22.93	22.79	21.81	19.70
		2637.8(41068)	22.86	22.70	21.70	19.70
		2593 (40620)	23.11	22.93	22.01	19.72
		2548.3(40173)	22.97	22.84	21.87	19.71
		2503.5 (39725)	23.08	22.94	21.98	19.65
	75RB (0)	2682.5 (41515)	23.06	22.89	21.91	19.79
		2637.8(41068)	22.81	22.65	21.65	19.48
		2593 (40620)	23.11	22.96	22.00	19.71
		2548.3(40173)	23.10	22.96	21.95	19.70
		2503.5 (39725)	23.04	22.84	21.89	19.64

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20MHz	1RB-High (99)	2680 (41490)	22.98	23.32	23.15	19.65
		2636.5(41055)	22.68	23.16	22.77	19.54
		2593 (40620)	23.08	23.38	23.13	19.65
		2549.5(40185)	22.64	22.95	22.79	19.52
		2506 (39750)	23.21	23.22	23.02	19.69
	1RB-Middle (50)	2680 (41490)	22.81	23.17	22.95	19.89
		2636.5(41055)	22.88	23.34	22.94	19.49
		2593 (40620)	22.98	23.07	23.08	19.65
		2549.5(40185)	22.87	23.07	22.96	19.56
		2506 (39750)	23.20	23.06	23.39	19.73
	1RB-Low (0)	2680 (41490)	22.74	23.09	22.77	19.64
		2636.5(41055)	23.07	23.31	23.21	19.67
		2593 (40620)	22.95	23.31	23.03	19.71
		2549.5(40185)	22.98	23.40	23.14	19.68
		2506 (39750)	23.05	23.30	23.22	19.71
	50RB-High (50)	2680 (41490)	23.03	22.58	21.57	19.64
		2636.5(41055)	22.85	22.49	21.42	19.68
		2593 (40620)	23.13	22.74	21.70	19.62
		2549.5(40185)	22.83	22.52	21.45	19.60
		2506 (39750)	23.36	23.01	22.00	19.64
	50RB-Middle (25)	2680 (41490)	22.93	22.57	21.54	19.60
		2636.5(41055)	23.04	22.69	21.61	19.65
		2593 (40620)	23.13	22.69	21.72	19.68
		2549.5(40185)	22.99	22.56	21.56	19.67
		2506 (39750)	23.38	22.98	21.98	19.68
	50RB-Low (0)	2680 (41490)	22.81	22.41	21.43	19.62
		2636.5(41055)	23.10	22.73	21.71	19.57
		2593 (40620)	22.98	22.59	21.61	19.61
		2549.5(40185)	22.97	22.58	21.55	19.59
		2506 (39750)	23.16	22.80	21.81	19.59
	100RB (0)	2680 (41490)	22.76	21.76	21.14	19.58
		2636.5(41055)	22.85	21.81	21.12	19.61
		2593 (40620)	22.88	21.89	21.12	19.63
		2549.5(40185)	22.73	21.75	21.15	19.68
		2506 (39750)	23.16	22.14	21.14	19.68

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LTE Band41 PC2(ANT0 DSI 9/14/15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	20.88	21.10	21.02	19.74
		2640.3(41093)	20.53	20.86	20.76	19.56
		2593 (40620)	20.80	21.28	21.00	19.78
		2545.8(40148)	20.88	21.24	20.99	19.85
		2498.5 (39675)	21.02	21.28	21.10	19.78
	1RB-Middle (12)	2687.5 (41565)	20.95	21.23	20.96	19.89
		2640.3(41093)	20.63	21.16	20.94	19.71
		2593 (40620)	20.91	21.28	21.07	19.65
		2545.8(40148)	20.89	21.24	21.08	19.61
		2498.5 (39675)	21.04	21.13	21.10	19.87
	1RB-Low (0)	2687.5 (41565)	20.78	21.11	20.91	19.55
		2640.3(41093)	20.56	21.00	20.91	19.59
		2593 (40620)	20.92	21.14	21.05	19.78
		2545.8(40148)	20.76	21.14	21.00	19.58
		2498.5 (39675)	21.03	21.30	21.10	19.57
	12RB-High (13)	2687.5 (41565)	20.97	20.99	20.91	19.60
		2640.3(41093)	20.59	20.57	20.65	19.65
		2593 (40620)	20.98	21.06	20.99	19.87
		2545.8(40148)	20.94	20.97	21.04	19.61
		2498.5 (39675)	21.04	21.10	20.94	19.79
	12RB-Middle (6)	2687.5 (41565)	20.96	20.93	20.98	19.63
		2640.3(41093)	20.70	20.80	20.75	19.56
		2593 (40620)	21.03	21.09	21.13	19.55
		2545.8(40148)	20.98	21.04	21.01	19.61
		2498.5 (39675)	21.06	21.16	21.19	19.87
	12RB-Low (0)	2687.5 (41565)	20.91	20.98	20.98	19.83
		2640.3(41093)	20.68	20.78	20.69	19.56
		2593 (40620)	20.95	20.95	20.97	19.83
		2545.8(40148)	20.92	20.97	21.07	19.87
		2498.5 (39675)	20.99	21.06	21.04	19.87
	25RB (0)	2687.5 (41565)	20.90	20.98	20.94	19.60
		2640.3(41093)	20.68	20.68	20.72	19.63
		2593 (40620)	21.00	21.00	20.98	19.55
		2545.8(40148)	20.96	20.97	20.97	19.55
		2498.5 (39675)	21.06	21.11	21.10	19.87

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10MHz	1RB-High (49)	2685 (41540)	20.78	21.12	20.97	19.69
		2639(41080)	20.52	20.97	20.82	19.65
		2593 (40620)	20.80	21.13	21.03	19.56
		2547(40160)	20.92	21.22	21.15	19.56
		2501 (39700)	20.87	21.26	21.02	19.55
	1RB-Middle (24)	2685 (41540)	20.90	21.12	21.16	19.81
		2639(41080)	20.65	21.10	20.82	19.65
		2593 (40620)	21.00	21.29	21.13	19.88
		2547(40160)	20.94	21.25	21.12	19.62
		2501 (39700)	21.00	21.30	21.20	19.82
	1RB-Low (0)	2685 (41540)	20.77	21.13	20.93	19.62
		2639(41080)	20.56	21.08	20.89	19.68
		2593 (40620)	20.96	21.23	21.17	19.80
		2547(40160)	20.81	21.08	21.02	19.56
		2501 (39700)	21.06	21.11	21.23	19.61
	25RB-High (25)	2685 (41540)	20.90	20.98	20.95	19.60
		2639(41080)	20.66	20.68	20.68	19.67
		2593 (40620)	20.97	21.00	20.99	19.56
		2547(40160)	21.03	21.04	21.02	19.87
		2501 (39700)	20.99	21.03	21.00	19.87
	25RB-Middle (12)	2685 (41540)	20.93	20.92	20.92	19.67
		2639(41080)	20.75	20.77	20.73	19.70
		2593 (40620)	21.03	21.06	21.06	19.61
		2547(40160)	21.06	21.07	21.01	19.56
		2501 (39700)	21.03	21.11	21.10	19.56
	25RB-Low (0)	2685 (41540)	20.90	20.92	20.93	19.59
		2639(41080)	20.72	20.76	20.72	19.73
		2593 (40620)	20.98	21.03	21.01	19.58
		2547(40160)	20.97	20.97	20.96	19.55
		2501 (39700)	21.03	21.12	21.10	19.87
	50RB (0)	2685 (41540)	20.88	20.90	20.92	19.63
		2639(41080)	20.69	20.71	20.74	19.63
		2593 (40620)	21.01	21.00	20.99	19.55
		2547(40160)	21.01	21.04	21.01	19.56
		2501 (39700)	21.02	21.08	21.02	19.87

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15MHz	1RB-High (74)	2682.5 (41515)	20.64	21.21	21.07	19.57
		2637.8(41068)	20.44	20.88	20.69	19.78
		2593 (40620)	20.64	21.05	20.88	19.79
		2548.3(40173)	20.83	21.15	21.23	19.77
		2503.5 (39725)	20.60	20.85	21.00	19.60
	1RB-Middle (37)	2682.5 (41515)	20.61	20.85	20.88	19.79
		2637.8(41068)	20.46	20.84	20.79	19.79
		2593 (40620)	20.75	20.99	20.94	19.70
		2548.3(40173)	20.75	21.18	21.13	19.87
		2503.5 (39725)	20.72	20.99	20.84	19.70
	1RB-Low (0)	2682.5 (41515)	20.64	20.92	20.89	19.74
		2637.8(41068)	20.53	20.87	20.78	19.78
		2593 (40620)	20.82	21.23	21.31	19.80
		2548.3(40173)	20.70	21.09	21.01	19.74
		2503.5 (39725)	20.75	21.12	20.98	19.69
	36RB-High (38)	2682.5 (41515)	20.76	20.79	20.79	19.83
		2637.8(41068)	20.46	20.50	20.52	19.88
		2593 (40620)	20.80	20.81	20.79	19.81
		2548.3(40173)	20.89	20.92	20.93	19.82
		2503.5 (39725)	20.76	20.73	20.77	19.68
	36RB-Middle (19)	2682.5 (41515)	20.77	20.77	20.75	19.87
		2637.8(41068)	20.59	20.58	20.60	19.55
		2593 (40620)	20.83	20.88	20.85	19.78
		2548.3(40173)	20.82	20.91	20.88	19.80
		2503.5 (39725)	20.81	20.83	20.83	19.71
	36RB-Low (0)	2682.5 (41515)	20.68	20.65	20.67	19.79
		2637.8(41068)	20.58	20.62	20.65	19.79
		2593 (40620)	20.85	20.86	20.85	19.81
		2548.3(40173)	20.72	20.76	20.75	19.80
		2503.5 (39725)	20.88	20.88	20.92	19.74
	75RB (0)	2682.5 (41515)	20.72	20.75	20.79	19.88
		2637.8(41068)	20.57	20.62	20.63	19.56
		2593 (40620)	20.87	20.84	20.89	19.80
		2548.3(40173)	20.85	20.87	20.89	19.79
		2503.5 (39725)	20.79	20.84	20.85	19.73

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20MHz	1RB-High (99)	2680 (41490)	20.89	21.29	21.02	19.74
		2636.5(41055)	20.59	21.11	20.82	19.63
		2593 (40620)	20.51	20.77	20.74	19.74
		2549.5(40185)	20.72	20.99	20.90	19.61
		2506 (39750)	20.58	20.80	20.75	19.78
	1RB-Middle (50)	2680 (41490)	20.74	21.15	21.06	19.99
		2636.5(41055)	20.57	21.01	20.77	19.58
		2593 (40620)	20.64	21.13	20.93	19.74
		2549.5(40185)	20.77	21.16	21.30	19.65
		2506 (39750)	20.72	21.23	20.99	19.82
	1RB-Low (0)	2680 (41490)	20.85	21.14	20.95	19.73
		2636.5(41055)	20.52	20.93	20.59	19.76
		2593 (40620)	20.85	21.13	20.90	19.80
		2549.5(40185)	20.60	20.87	20.96	19.77
		2506 (39750)	20.85	21.25	21.04	19.80
	50RB-High (50)	2680 (41490)	20.92	21.02	20.98	19.73
		2636.5(41055)	20.53	20.56	20.54	19.77
		2593 (40620)	20.65	20.70	20.63	19.71
		2549.5(40185)	20.78	20.81	20.79	19.69
		2506 (39750)	20.75	20.75	20.77	19.73
	50RB-Middle (25)	2680 (41490)	20.97	20.97	20.97	19.69
		2636.5(41055)	20.64	20.67	20.65	19.74
		2593 (40620)	20.72	20.76	20.78	19.77
		2549.5(40185)	20.82	20.87	20.79	19.76
		2506 (39750)	20.85	20.85	20.86	19.77
	50RB-Low (0)	2680 (41490)	20.82	20.85	20.83	19.71
		2636.5(41055)	20.60	20.61	20.62	19.66
		2593 (40620)	20.72	20.78	20.79	19.70
		2549.5(40185)	20.71	20.72	20.67	19.68
		2506 (39750)	20.86	20.87	20.88	19.68
	100RB (0)	2680 (41490)	20.93	20.93	20.94	19.67
		2636.5(41055)	20.57	20.65	20.58	19.70
		2593 (40620)	20.72	20.75	20.79	19.72
		2549.5(40185)	20.81	20.84	20.83	19.77
		2506 (39750)	20.84	20.84	20.85	19.77

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LTE Band41 PC2(ANT0 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	22.26	22.06	22.15	19.70
		2640.3(41093)	21.89	21.81	21.88	19.52
		2593 (40620)	22.17	22.25	22.13	19.49
		2545.8(40148)	22.26	22.21	22.12	19.51
		2498.5 (39675)	22.24	22.25	22.23	19.52
	1RB-Middle (12)	2687.5 (41565)	22.33	22.20	22.09	19.61
		2640.3(41093)	21.99	22.12	22.07	19.61
		2593 (40620)	22.29	22.25	22.20	19.44
		2545.8(40148)	22.27	22.21	22.21	19.53
		2498.5 (39675)	22.16	22.09	22.23	19.58
	1RB-Low (0)	2687.5 (41565)	22.15	22.07	22.03	19.53
		2640.3(41093)	21.92	21.96	22.03	19.60
		2593 (40620)	22.30	22.10	22.18	19.64
		2545.8(40148)	22.13	22.10	22.13	19.49
		2498.5 (39675)	22.25	22.27	22.23	19.55
	12RB-High (13)	2687.5 (41565)	22.36	21.95	22.03	19.48
		2640.3(41093)	21.95	21.51	21.76	19.53
		2593 (40620)	22.37	22.02	22.12	19.40
		2545.8(40148)	22.32	21.93	22.17	19.59
		2498.5 (39675)	22.13	22.06	22.07	19.45
	12RB-Middle (6)	2687.5 (41565)	22.34	21.88	22.11	19.45
		2640.3(41093)	22.07	21.75	21.87	19.74
		2593 (40620)	22.11	22.05	22.27	19.61
		2545.8(40148)	22.37	22.00	22.14	19.74
		2498.5 (39675)	22.30	22.12	22.33	19.71
	12RB-Low (0)	2687.5 (41565)	22.29	21.94	22.11	19.41
		2640.3(41093)	22.05	21.73	21.80	19.70
		2593 (40620)	22.33	21.90	22.10	19.69
		2545.8(40148)	22.30	21.93	22.20	19.75
		2498.5 (39675)	22.38	22.02	22.17	19.61
	25RB (0)	2687.5 (41565)	22.28	21.94	22.07	19.40
		2640.3(41093)	22.05	21.62	21.83	19.68
		2593 (40620)	22.39	21.96	22.11	19.64
		2545.8(40148)	22.34	21.93	22.10	19.73
		2498.5 (39675)	22.16	22.07	22.23	19.40

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10MHz	1RB-High (49)	2685 (41540)	22.15	22.08	22.10	19.67
		2639(41080)	21.88	21.93	21.94	19.48
		2593 (40620)	22.17	22.09	22.16	19.48
		2547(40160)	22.30	22.19	22.29	19.55
		2501 (39700)	22.25	22.23	22.15	19.53
	1RB-Middle (24)	2685 (41540)	22.28	22.08	22.30	19.58
		2639(41080)	22.01	22.06	21.94	19.53
		2593 (40620)	22.39	22.26	22.27	19.63
		2547(40160)	22.32	22.22	22.26	19.72
		2501 (39700)	22.39	22.27	22.34	19.48
	1RB-Low (0)	2685 (41540)	22.14	22.09	22.06	19.55
		2639(41080)	21.92	22.04	22.01	19.49
		2593 (40620)	22.34	22.20	22.31	19.46
		2547(40160)	22.18	22.04	22.15	19.50
		2501 (39700)	22.25	22.07	22.37	19.54
	25RB-High (25)	2685 (41540)	22.28	21.94	22.08	19.45
		2639(41080)	22.02	21.62	21.79	19.71
		2593 (40620)	22.36	21.96	22.12	19.40
		2547(40160)	22.16	22.00	22.15	19.53
		2501 (39700)	22.38	21.99	22.13	19.49
	25RB-Middle (12)	2685 (41540)	22.31	21.87	22.04	19.53
		2639(41080)	22.12	21.72	21.84	19.60
		2593 (40620)	22.22	22.02	22.19	19.68
		2547(40160)	22.25	22.03	22.14	19.65
		2501 (39700)	22.22	22.07	22.23	19.41
	25RB-Low (0)	2685 (41540)	22.28	21.87	22.06	19.54
		2639(41080)	22.09	21.71	21.83	19.45
		2593 (40620)	22.37	21.99	22.14	19.47
		2547(40160)	22.36	21.93	22.09	19.49
		2501 (39700)	22.16	22.08	22.23	19.47
	50RB (0)	2685 (41540)	22.26	21.85	22.04	19.42
		2639(41080)	22.06	21.65	21.85	19.46
		2593 (40620)	22.40	21.96	22.12	19.49
		2547(40160)	22.40	22.00	22.14	19.73
		2501 (39700)	22.17	22.04	22.15	19.50

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15MHz	1RB-High (74)	2682.5 (41515)	22.00	22.18	22.20	19.45
		2637.8(41068)	21.79	21.83	21.80	19.63
		2593 (40620)	22.00	22.01	22.00	19.75
		2548.3(40173)	22.21	22.11	22.37	19.71
		2503.5 (39725)	21.96	21.80	22.13	19.47
	1RB-Middle (37)	2682.5 (41515)	21.97	21.80	22.00	19.62
		2637.8(41068)	21.81	21.79	21.91	19.54
		2593 (40620)	22.12	21.95	22.07	19.60
		2548.3(40173)	22.12	22.14	22.27	19.73
		2503.5 (39725)	22.09	21.95	21.96	19.65
	1RB-Low (0)	2682.5 (41515)	22.00	21.87	22.01	19.63
		2637.8(41068)	21.89	21.82	21.90	19.73
		2593 (40620)	22.20	22.20	22.12	19.56
		2548.3(40173)	22.07	22.05	22.14	19.56
		2503.5 (39725)	22.12	22.08	22.11	19.52
	36RB-High (38)	2682.5 (41515)	22.13	21.74	21.91	19.42
		2637.8(41068)	21.81	21.43	21.62	19.58
		2593 (40620)	22.17	21.76	21.91	19.50
		2548.3(40173)	22.27	21.87	22.06	19.52
		2503.5 (39725)	22.13	21.67	21.89	19.59
	36RB-Middle (19)	2682.5 (41515)	22.14	21.72	21.87	19.50
		2637.8(41068)	21.95	21.52	21.71	19.68
		2593 (40620)	22.21	21.83	21.97	19.74
		2548.3(40173)	22.20	21.86	22.00	19.54
		2503.5 (39725)	22.18	21.78	21.95	19.51
	36RB-Low (0)	2682.5 (41515)	22.05	21.59	21.78	19.53
		2637.8(41068)	21.94	21.56	21.76	19.56
		2593 (40620)	22.23	21.81	21.97	19.41
		2548.3(40173)	22.09	21.71	21.87	19.73
		2503.5 (39725)	22.26	21.83	22.04	19.55
	75RB (0)	2682.5 (41515)	22.09	21.70	21.91	19.75
		2637.8(41068)	21.93	21.56	21.74	19.45
		2593 (40620)	22.25	21.79	22.01	19.66
		2548.3(40173)	22.23	21.82	22.01	19.49
		2503.5 (39725)	22.16	21.79	21.97	19.46

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20MHz	1RB-High (99)	2680 (41490)	21.97	22.35	22.20	19.68
		2636.5(41055)	21.78	22.05	21.99	19.68
		2593 (40620)	22.00	22.37	22.35	19.58
		2549.5(40185)	21.54	21.95	21.87	19.50
		2506 (39750)	22.27	22.26	22.15	19.46
	1RB-Middle (50)	2680 (41490)	21.84	22.32	22.11	19.72
		2636.5(41055)	21.88	22.39	22.26	19.68
		2593 (40620)	21.87	22.21	22.26	19.40
		2549.5(40185)	21.69	22.24	22.12	19.64
		2506 (39750)	22.21	22.34	22.21	19.57
	1RB-Low (0)	2680 (41490)	21.81	22.03	21.99	19.73
		2636.5(41055)	22.09	22.31	22.30	19.66
		2593 (40620)	21.92	22.18	22.21	19.68
		2549.5(40185)	21.93	22.23	22.21	19.41
		2506 (39750)	22.02	22.40	22.18	19.51
	50RB-High (50)	2680 (41490)	21.97	22.01	21.60	19.67
		2636.5(41055)	21.80	21.87	21.45	19.72
		2593 (40620)	22.10	22.14	21.73	19.73
		2549.5(40185)	21.74	21.81	21.39	19.65
		2506 (39750)	22.34	22.35	21.91	19.45
	50RB-Middle (25)	2680 (41490)	21.91	21.96	21.51	19.58
		2636.5(41055)	22.01	22.00	21.63	19.71
		2593 (40620)	22.06	22.09	21.65	19.49
		2549.5(40185)	21.90	21.90	21.53	19.74
		2506 (39750)	22.31	22.31	21.95	19.75
	50RB-Low (0)	2680 (41490)	21.77	21.80	21.38	19.67
		2636.5(41055)	22.07	22.08	21.66	19.61
		2593 (40620)	21.95	21.97	21.55	19.56
		2549.5(40185)	21.89	21.88	21.48	19.57
		2506 (39750)	22.19	22.19	21.75	19.46
	100RB (0)	2680 (41490)	21.90	21.72	21.56	19.50
		2636.5(41055)	21.99	21.80	21.62	19.40
		2593 (40620)	22.03	21.86	21.68	19.71
		2549.5(40185)	21.90	21.72	21.49	19.70
		2506 (39750)	22.33	22.11	21.95	19.74

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LTE Band41 PC2(ANT2 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	21.27	21.58	21.49	20.69
		2640.3(41093)	21.47	21.85	21.64	20.53
		2593 (40620)	21.35	21.70	21.56	20.33
		2545.8(40148)	21.40	21.79	21.65	20.57
		2498.5 (39675)	21.18	21.46	21.38	20.27
	1RB-Middle (12)	2687.5 (41565)	21.36	21.70	21.51	20.79
		2640.3(41093)	21.56	21.63	21.84	20.53
		2593 (40620)	21.39	21.90	21.72	20.60
		2545.8(40148)	21.47	21.80	21.73	20.66
		2498.5 (39675)	21.25	21.54	21.37	20.43
	1RB-Low (0)	2687.5 (41565)	21.28	21.60	21.43	20.43
		2640.3(41093)	21.52	21.83	21.69	20.41
		2593 (40620)	21.30	21.76	21.64	20.38
		2545.8(40148)	21.40	21.80	21.47	20.77
		2498.5 (39675)	21.18	21.53	21.32	20.44
	12RB-High (13)	2687.5 (41565)	21.41	21.41	21.41	20.42
		2640.3(41093)	21.52	21.57	21.57	20.78
		2593 (40620)	21.40	21.44	21.51	20.24
		2545.8(40148)	21.51	21.53	21.63	20.37
		2498.5 (39675)	21.22	21.25	21.21	20.61
	12RB-Middle (6)	2687.5 (41565)	21.42	21.47	21.46	20.20
		2640.3(41093)	21.63	21.59	21.73	20.28
		2593 (40620)	21.47	21.42	21.42	20.69
		2545.8(40148)	21.53	21.54	21.52	20.64
		2498.5 (39675)	21.24	21.31	21.25	20.26
	12RB-Low (0)	2687.5 (41565)	21.38	21.46	21.39	20.55
		2640.3(41093)	21.61	21.65	21.58	20.53
		2593 (40620)	21.33	21.46	21.40	20.49
		2545.8(40148)	21.47	21.49	21.54	20.52
		2498.5 (39675)	21.14	21.29	21.22	20.43
	25RB (0)	2687.5 (41565)	21.40	21.41	21.40	20.60
		2640.3(41093)	21.61	21.60	21.65	20.79
		2593 (40620)	21.43	21.47	21.41	20.20
		2545.8(40148)	21.51	21.50	21.50	20.76
		2498.5 (39675)	21.20	21.25	21.26	20.28

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10MHz	1RB-High (49)	2685 (41540)	21.27	21.66	21.51	20.20
		2639(41080)	21.43	21.78	21.64	20.22
		2593 (40620)	21.29	21.62	21.66	20.67
		2547(40160)	21.37	21.81	21.78	20.20
		2501 (39700)	21.19	21.57	21.55	20.70
	1RB-Middle (24)	2685 (41540)	21.30	21.71	21.53	20.76
		2639(41080)	21.60	21.90	21.82	20.35
		2593 (40620)	21.32	21.70	21.70	20.22
		2547(40160)	21.43	21.76	21.73	20.60
		2501 (39700)	21.22	21.47	21.41	20.35
	1RB-Low (0)	2685 (41540)	21.27	21.64	21.49	20.38
		2639(41080)	21.54	21.65	21.82	20.24
		2593 (40620)	21.32	21.61	21.63	20.23
		2547(40160)	21.41	21.81	21.69	20.77
		2501 (39700)	21.17	21.41	21.46	20.79
	25RB-High (25)	2685 (41540)	21.36	21.42	21.40	20.52
		2639(41080)	21.49	21.59	21.53	20.79
		2593 (40620)	21.39	21.43	21.44	20.62
		2547(40160)	21.50	21.51	21.54	20.33
		2501 (39700)	21.24	21.25	21.26	20.40
	25RB-Middle (12)	2685 (41540)	21.40	21.43	21.45	20.80
		2639(41080)	21.62	21.70	21.66	20.27
		2593 (40620)	21.42	21.46	21.45	20.77
		2547(40160)	21.51	21.52	21.55	20.52
		2501 (39700)	21.24	21.33	21.32	20.41
	25RB-Low (0)	2685 (41540)	21.36	21.41	21.40	20.27
		2639(41080)	21.60	21.66	21.66	20.38
		2593 (40620)	21.32	21.34	21.38	20.44
		2547(40160)	21.51	21.53	21.58	20.71
		2501 (39700)	21.23	21.29	21.30	20.78
	50RB (0)	2685 (41540)	21.37	21.40	21.37	20.77
		2639(41080)	21.61	21.66	21.58	20.60
		2593 (40620)	21.42	21.45	21.44	20.28
		2547(40160)	21.49	21.56	21.55	20.54
		2501 (39700)	21.21	21.25	21.30	20.46

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15MHz	1RB-High (74)	2682.5 (41515)	21.16	21.55	21.23	20.27
		2637.8(41068)	21.30	21.64	21.42	20.65
		2593 (40620)	21.20	21.55	21.36	20.23
		2548.3(40173)	21.25	21.66	21.74	20.36
		2503.5 (39725)	21.00	21.22	21.31	20.56
	1RB-Middle (37)	2682.5 (41515)	21.10	21.50	21.24	20.47
		2637.8(41068)	21.39	21.65	21.62	20.77
		2593 (40620)	21.18	21.81	21.26	20.35
		2548.3(40173)	21.25	21.63	21.54	20.41
		2503.5 (39725)	20.93	21.36	21.30	20.60
	1RB-Low (0)	2682.5 (41515)	21.10	21.37	21.31	20.57
		2637.8(41068)	21.41	21.84	21.58	20.72
		2593 (40620)	21.17	21.64	21.39	20.38
		2548.3(40173)	21.27	21.59	21.56	20.43
		2503.5 (39725)	20.89	21.29	21.33	20.57
	36RB-High (38)	2682.5 (41515)	21.21	21.22	21.25	20.45
		2637.8(41068)	21.37	21.37	21.41	20.30
		2593 (40620)	21.30	21.23	21.27	20.60
		2548.3(40173)	21.32	21.38	21.35	20.61
		2503.5 (39725)	21.09	21.11	21.10	20.65
	36RB-Middle (19)	2682.5 (41515)	21.22	21.26	21.23	20.52
		2637.8(41068)	21.53	21.54	21.46	20.33
		2593 (40620)	21.25	21.30	21.36	20.36
		2548.3(40173)	21.32	21.37	21.39	20.25
		2503.5 (39725)	21.10	21.11	21.11	20.65
	36RB-Low (0)	2682.5 (41515)	21.16	21.19	21.17	20.27
		2637.8(41068)	21.52	21.54	21.54	20.64
		2593 (40620)	21.23	21.26	21.26	20.64
		2548.3(40173)	21.28	21.30	21.36	20.68
		2503.5 (39725)	21.07	21.05	21.12	20.30
	75RB (0)	2682.5 (41515)	21.23	21.27	21.22	20.62
		2637.8(41068)	21.48	21.49	21.50	20.79
		2593 (40620)	21.24	21.28	21.34	20.73
		2548.3(40173)	21.34	21.36	21.37	20.60
		2503.5 (39725)	21.11	21.10	21.14	20.34

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20MHz	1RB-High (99)	2680 (41490)	21.25	21.48	21.49	20.61
		2636.5(41055)	21.35	21.71	21.69	20.29
		2593 (40620)	21.27	21.62	21.51	20.80
		2549.5(40185)	21.15	21.54	21.46	20.28
		2506 (39750)	21.09	21.48	21.34	20.47
	1RB-Middle (50)	2680 (41490)	21.16	21.50	21.35	20.26
		2636.5(41055)	21.36	21.81	21.70	20.28
		2593 (40620)	21.22	21.65	21.65	20.67
		2549.5(40185)	21.29	21.69	21.60	20.29
		2506 (39750)	21.01	21.77	21.39	20.27
	1RB-Low (0)	2680 (41490)	21.27	21.59	21.42	20.52
		2636.5(41055)	21.40	21.64	21.85	20.46
		2593 (40620)	21.42	21.63	21.58	20.66
		2549.5(40185)	21.36	21.69	21.55	20.23
		2506 (39750)	21.03	21.36	21.39	20.35
	50RB-High (50)	2680 (41490)	21.28	21.29	21.27	20.50
		2636.5(41055)	21.45	21.51	21.45	20.68
		2593 (40620)	21.36	21.38	21.35	20.57
		2549.5(40185)	21.40	21.41	21.36	20.38
		2506 (39750)	21.20	21.20	21.21	20.34
	50RB-Middle (25)	2680 (41490)	21.29	21.31	21.32	20.43
		2636.5(41055)	21.63	21.59	21.60	20.59
		2593 (40620)	21.38	21.37	21.39	20.29
		2549.5(40185)	21.48	21.45	21.45	20.48
		2506 (39750)	21.20	21.19	21.22	20.62
	50RB-Low (0)	2680 (41490)	21.23	21.27	21.19	20.54
		2636.5(41055)	21.62	21.62	21.65	20.44
		2593 (40620)	21.29	21.31	21.29	20.36
		2549.5(40185)	21.36	21.46	21.30	20.20
		2506 (39750)	21.07	21.10	21.09	20.52
	100RB (0)	2680 (41490)	21.34	21.30	21.31	20.78
		2636.5(41055)	21.59	21.60	21.60	20.74
		2593 (40620)	21.36	21.34	21.37	20.60
		2549.5(40185)	21.44	21.42	21.42	20.61
		2506 (39750)	21.16	21.18	21.18	20.60

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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)	20.79	21.10	20.86	20.51
		2640.3(41093)	20.99	21.37	21.01	20.28
		2593 (40620)	20.87	21.22	20.93	20.61
		2545.8(40148)	20.92	21.31	21.02	20.57
		2498.5 (39675)	20.71	20.98	20.76	20.52
	1RB-Middle (12)	2687.5 (41565)	20.88	21.22	20.88	20.51
		2640.3(41093)	21.08	21.15	21.20	20.26
		2593 (40620)	20.91	21.11	21.09	20.59
		2545.8(40148)	20.99	21.32	21.10	20.25
		2498.5 (39675)	20.77	21.06	20.75	20.36
	1RB-Low (0)	2687.5 (41565)	20.80	21.12	20.80	20.64
		2640.3(41093)	21.04	21.35	21.06	20.26
		2593 (40620)	20.82	21.28	21.01	20.33
		2545.8(40148)	20.92	21.32	20.84	20.27
		2498.5 (39675)	20.71	21.05	20.70	20.22
	12RB-High (13)	2687.5 (41565)	20.93	20.93	20.78	20.31
		2640.3(41093)	21.04	21.09	20.94	20.45
		2593 (40620)	20.92	20.96	20.88	20.45
		2545.8(40148)	21.03	21.05	21.00	20.31
		2498.5 (39675)	20.74	20.78	20.59	20.38
	12RB-Middle (6)	2687.5 (41565)	20.94	20.99	20.83	20.53
		2640.3(41093)	21.15	21.11	21.10	20.24
		2593 (40620)	20.99	20.94	20.79	20.71
		2545.8(40148)	21.05	21.06	20.89	20.35
		2498.5 (39675)	20.76	20.84	20.63	20.74
	12RB-Low (0)	2687.5 (41565)	20.90	20.98	20.77	20.22
		2640.3(41093)	21.13	21.17	20.95	20.30
		2593 (40620)	20.85	20.98	20.78	20.70
		2545.8(40148)	20.99	21.01	20.91	20.51
		2498.5 (39675)	20.67	20.82	20.60	20.39
	25RB (0)	2687.5 (41565)	20.92	20.93	20.78	20.78
		2640.3(41093)	21.13	21.12	21.02	20.30
		2593 (40620)	20.95	20.99	20.78	20.61
		2545.8(40148)	21.03	21.02	20.87	20.45
		2498.5 (39675)	20.72	20.78	20.64	20.34

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10MHz	1RB-High (49)	2685 (41540)	20.79	21.18	20.88	20.75
		2639(41080)	20.95	21.30	21.01	20.32
		2593 (40620)	20.81	21.14	21.03	20.75
		2547(40160)	20.89	21.33	21.14	20.67
		2501 (39700)	20.72	21.09	20.92	20.68
	1RB-Middle (24)	2685 (41540)	20.82	21.23	20.90	20.54
		2639(41080)	21.12	21.06	21.18	20.56
		2593 (40620)	20.84	21.22	21.07	20.30
		2547(40160)	20.95	21.28	21.10	20.69
		2501 (39700)	20.74	20.99	20.78	20.45
	1RB-Low (0)	2685 (41540)	20.79	21.16	20.86	20.39
		2639(41080)	21.06	21.17	21.18	20.34
		2593 (40620)	20.84	21.13	21.00	20.70
		2547(40160)	20.93	21.33	21.06	20.50
		2501 (39700)	20.70	20.93	20.83	20.69
	25RB-High (25)	2685 (41540)	20.88	20.94	20.78	20.53
		2639(41080)	21.01	21.11	20.90	20.22
		2593 (40620)	20.91	20.95	20.81	20.60
		2547(40160)	21.02	21.03	20.91	20.80
		2501 (39700)	20.76	20.78	20.64	20.49
	25RB-Middle (12)	2685 (41540)	20.92	20.95	20.82	20.27
		2639(41080)	21.14	21.22	21.03	20.34
		2593 (40620)	20.94	20.98	20.82	20.46
		2547(40160)	21.03	21.04	20.92	20.58
		2501 (39700)	20.76	20.86	20.70	20.80
	25RB-Low (0)	2685 (41540)	20.88	20.93	20.78	20.36
		2639(41080)	21.12	21.18	21.03	20.37
		2593 (40620)	20.84	20.87	20.76	20.29
		2547(40160)	21.03	21.05	20.95	20.80
		2501 (39700)	20.75	20.82	20.68	20.34
	50RB (0)	2685 (41540)	20.89	20.93	20.75	20.53
		2639(41080)	21.13	21.18	20.95	20.27
		2593 (40620)	20.94	20.97	20.81	20.67
		2547(40160)	21.01	21.08	20.92	20.36
		2501 (39700)	20.73	20.78	20.68	20.55

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15MHz	1RB-High (74)	2682.5 (41515)	20.69	21.07	20.61	20.66
		2637.8(41068)	20.82	21.16	20.79	20.75
		2593 (40620)	20.72	21.07	20.74	20.77
		2548.3(40173)	20.77	21.18	21.11	20.37
		2503.5 (39725)	20.53	20.75	20.69	20.40
	1RB-Middle (37)	2682.5 (41515)	20.63	21.02	20.62	20.62
		2637.8(41068)	20.91	21.17	20.99	20.45
		2593 (40620)	20.71	21.33	20.64	20.27
		2548.3(40173)	20.77	21.15	20.91	20.65
		2503.5 (39725)	20.46	20.89	20.68	20.38
	1RB-Low (0)	2682.5 (41515)	20.63	20.90	20.69	20.38
		2637.8(41068)	20.93	21.36	20.95	20.62
		2593 (40620)	20.70	21.16	20.77	20.31
		2548.3(40173)	20.79	21.11	20.93	20.38
		2503.5 (39725)	20.42	20.82	20.71	20.62
	36RB-High (38)	2682.5 (41515)	20.73	20.75	20.63	20.71
		2637.8(41068)	20.89	20.90	20.78	20.43
		2593 (40620)	20.82	20.76	20.65	20.45
		2548.3(40173)	20.84	20.91	20.73	20.57
		2503.5 (39725)	20.62	20.64	20.48	20.30
	36RB-Middle (19)	2682.5 (41515)	20.74	20.79	20.61	20.49
		2637.8(41068)	21.05	21.06	20.83	20.42
		2593 (40620)	20.77	20.83	20.74	20.45
		2548.3(40173)	20.84	20.90	20.77	20.45
		2503.5 (39725)	20.63	20.64	20.49	20.49
	36RB-Low (0)	2682.5 (41515)	20.69	20.72	20.55	20.66
		2637.8(41068)	21.04	21.06	20.91	20.27
		2593 (40620)	20.75	20.79	20.64	20.68
		2548.3(40173)	20.80	20.83	20.74	20.46
		2503.5 (39725)	20.60	20.58	20.50	20.73
	75RB (0)	2682.5 (41515)	20.75	20.80	20.60	20.53
		2637.8(41068)	21.00	21.01	20.87	20.41
		2593 (40620)	20.76	20.81	20.72	20.43
		2548.3(40173)	20.86	20.89	20.75	20.59
		2503.5 (39725)	20.64	20.63	20.52	20.48

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20MHz	1RB-High (99)	2680 (41490)	20.68	21.15	21.04	20.23
		2636.5(41055)	20.86	21.38	20.97	20.20
		2593 (40620)	20.73	21.25	21.04	20.78
		2549.5(40185)	20.70	21.07	20.98	20.73
		2506 (39750)	20.59	20.98	20.90	20.46
	1RB-Middle (50)	2680 (41490)	20.62	21.29	20.89	20.39
		2636.5(41055)	20.90	21.25	21.11	20.64
		2593 (40620)	20.74	21.27	20.85	20.29
		2549.5(40185)	20.81	21.34	21.01	20.76
		2506 (39750)	20.55	21.12	20.82	20.75
	1RB-Low (0)	2680 (41490)	20.83	21.02	21.15	20.72
		2636.5(41055)	20.93	21.34	21.32	20.63
		2593 (40620)	20.94	21.15	20.95	20.77
		2549.5(40185)	20.87	21.19	20.95	20.62
		2506 (39750)	20.51	20.77	20.71	20.35
	50RB-High (50)	2680 (41490)	20.82	20.80	20.81	20.50
		2636.5(41055)	20.99	20.96	20.87	20.55
		2593 (40620)	20.84	20.88	20.79	20.74
		2549.5(40185)	20.88	20.90	20.81	20.37
		2506 (39750)	20.69	20.67	20.58	20.77
	50RB-Middle (25)	2680 (41490)	20.83	20.83	20.84	20.80
		2636.5(41055)	21.09	21.13	21.05	20.54
		2593 (40620)	20.87	20.88	20.76	20.41
		2549.5(40185)	20.95	20.93	20.89	20.67
		2506 (39750)	20.72	20.73	20.63	20.39
	50RB-Low (0)	2680 (41490)	20.76	20.76	20.75	20.76
		2636.5(41055)	21.15	21.17	21.08	20.23
		2593 (40620)	20.80	20.80	20.71	20.35
		2549.5(40185)	20.82	20.89	20.82	20.67
		2506 (39750)	20.61	20.60	20.47	20.38
	100RB (0)	2680 (41490)	20.79	20.80	20.78	20.31
		2636.5(41055)	21.09	21.06	21.00	20.57
		2593 (40620)	20.89	20.86	20.76	20.26
		2549.5(40185)	20.92	20.90	20.87	20.37
		2506 (39750)	20.70	20.70	20.62	20.43

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LTE Band41 PC2(ANT5 DSI 4/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	21.63	21.76	21.83	20.60
		2640.3(41093)	21.69	21.70	21.69	20.88
		2593 (40620)	21.74	21.56	21.77	20.89
		2545.8(40148)	21.64	21.54	21.77	20.74
		2498.5 (39675)	21.73	21.73	21.69	20.81
	1RB-Middle (12)	2687.5 (41565)	21.74	21.71	21.71	20.63
		2640.3(41093)	21.81	21.80	21.70	20.74
		2593 (40620)	21.77	21.73	21.89	20.76
		2545.8(40148)	21.78	21.84	21.71	20.80
		2498.5 (39675)	21.80	21.79	21.70	20.58
	1RB-Low (0)	2687.5 (41565)	21.64	21.79	21.77	20.77
		2640.3(41093)	21.74	21.72	21.81	20.67
		2593 (40620)	21.70	21.76	21.68	20.71
		2545.8(40148)	21.60	21.89	21.67	20.64
		2498.5 (39675)	21.69	21.82	21.84	20.87
	12RB-High (13)	2687.5 (41565)	21.82	21.68	21.80	20.74
		2640.3(41093)	21.67	21.67	21.81	20.79
		2593 (40620)	21.78	21.71	21.77	20.87
		2545.8(40148)	21.76	21.76	21.81	20.85
		2498.5 (39675)	21.80	21.72	21.81	20.59
	12RB-Middle (6)	2687.5 (41565)	21.82	21.81	21.83	20.62
		2640.3(41093)	21.73	21.79	21.85	20.88
		2593 (40620)	21.84	21.75	21.71	20.57
		2545.8(40148)	21.79	21.82	21.80	20.56
		2498.5 (39675)	21.82	21.71	21.67	20.77
	12RB-Low (0)	2687.5 (41565)	21.80	21.67	21.77	20.89
		2640.3(41093)	21.68	21.77	21.77	20.88
		2593 (40620)	21.82	21.66	21.85	20.57
		2545.8(40148)	21.74	21.73	21.81	20.79
		2498.5 (39675)	21.72	21.82	21.65	20.76
	25RB (0)	2687.5 (41565)	21.79	21.77	21.77	20.83
		2640.3(41093)	21.85	21.68	21.69	20.57
		2593 (40620)	21.85	21.66	21.77	20.59
		2545.8(40148)	21.78	21.75	21.77	20.90
		2498.5 (39675)	21.80	21.82	21.85	20.86

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10MHz	1RB-High (49)	2685 (41540)	21.61	21.82	21.85	20.89
		2639(41080)	21.76	21.73	21.77	20.66
		2593 (40620)	21.68	21.82	21.68	20.71
		2547(40160)	21.64	21.64	21.84	20.86
		2501 (39700)	21.74	21.69	21.74	20.69
	1RB-Middle (24)	2685 (41540)	21.68	21.77	21.78	20.65
		2639(41080)	21.81	21.80	21.84	20.79
		2593 (40620)	21.76	21.68	21.72	20.77
		2547(40160)	21.67	21.63	21.67	20.82
		2501 (39700)	21.70	21.76	21.76	20.74
	1RB-Low (0)	2685 (41540)	21.77	21.68	21.78	20.79
		2639(41080)	21.85	21.70	21.86	20.76
		2593 (40620)	21.74	21.66	21.78	20.84
		2547(40160)	21.66	21.76	21.74	20.73
		2501 (39700)	21.74	21.78	21.79	20.55
	25RB-High (25)	2685 (41540)	21.81	21.81	21.80	20.84
		2639(41080)	21.83	21.81	21.85	20.71
		2593 (40620)	21.84	21.83	21.68	20.82
		2547(40160)	21.78	21.78	21.76	20.90
		2501 (39700)	21.79	21.79	21.77	20.71
	25RB-Middle (12)	2685 (41540)	21.66	21.68	21.66	20.72
		2639(41080)	21.72	21.76	21.69	20.58
		2593 (40620)	21.85	21.71	21.83	20.83
		2547(40160)	21.82	21.78	21.80	20.83
		2501 (39700)	21.84	21.83	21.83	20.74
	25RB-Low (0)	2685 (41540)	21.81	21.78	21.66	20.70
		2639(41080)	21.74	21.74	21.68	20.73
		2593 (40620)	21.83	21.66	21.83	20.76
		2547(40160)	21.78	21.80	21.81	20.82
		2501 (39700)	21.85	21.77	21.79	20.85
	50RB (0)	2685 (41540)	21.83	21.82	21.83	20.63
		2639(41080)	21.71	21.69	21.71	20.74
		2593 (40620)	21.82	21.66	21.66	20.81
		2547(40160)	21.79	21.79	21.77	20.76
		2501 (39700)	21.81	21.76	21.77	20.86

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15MHz	1RB-High (74)	2682.5 (41515)	21.57	21.81	21.76	20.74
		2637.8(41068)	21.60	21.73	21.79	20.83
		2593 (40620)	21.55	21.81	21.75	20.60
		2548.3(40173)	21.44	21.82	21.60	20.69
		2503.5 (39725)	21.44	21.82	21.56	20.78
	1RB-Middle (37)	2682.5 (41515)	21.52	21.88	21.67	20.60
		2637.8(41068)	21.64	21.84	21.81	20.88
		2593 (40620)	21.54	21.73	21.86	20.79
		2548.3(40173)	21.43	21.73	21.78	20.64
		2503.5 (39725)	21.46	21.86	21.61	20.79
	1RB-Low (0)	2682.5 (41515)	21.52	21.83	21.81	20.90
		2637.8(41068)	21.67	21.82	21.75	20.55
		2593 (40620)	21.53	21.69	21.67	20.84
		2548.3(40173)	21.49	21.70	21.60	20.60
		2503.5 (39725)	21.43	21.73	21.85	20.90
	36RB-High (38)	2682.5 (41515)	21.73	21.68	21.68	20.69
		2637.8(41068)	21.70	21.74	21.68	20.77
		2593 (40620)	21.68	21.70	21.73	20.87
		2548.3(40173)	21.63	21.69	21.65	20.86
		2503.5 (39725)	21.63	21.64	21.64	20.81
	36RB-Middle (19)	2682.5 (41515)	21.71	21.70	21.70	20.84
		2637.8(41068)	21.79	21.75	21.77	20.60
		2593 (40620)	21.70	21.67	21.73	20.77
		2548.3(40173)	21.59	21.66	21.59	20.80
		2503.5 (39725)	21.65	21.72	21.65	20.62
	36RB-Low (0)	2682.5 (41515)	21.74	21.69	21.68	20.62
		2637.8(41068)	21.80	21.84	21.79	20.64
		2593 (40620)	21.64	21.66	21.62	20.71
		2548.3(40173)	21.57	21.59	21.56	20.84
		2503.5 (39725)	21.66	21.64	21.69	20.76
	75RB (0)	2682.5 (41515)	21.69	21.66	21.67	20.76
		2637.8(41068)	21.78	21.75	21.76	20.75
		2593 (40620)	21.67	21.67	21.68	20.56
		2548.3(40173)	21.60	21.67	21.64	20.61
		2503.5 (39725)	21.65	21.70	21.66	20.89

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20MHz	1RB-High (99)	2680 (41490)	21.53	21.55	21.39	20.77
		2636.5(41055)	21.63	21.73	21.53	20.62
		2593 (40620)	21.50	21.88	21.40	20.67
		2549.5(40185)	21.37	21.56	21.27	20.76
		2506 (39750)	21.57	21.52	21.42	20.81
	1RB-Middle (50)	2680 (41490)	21.63	21.72	21.33	20.66
		2636.5(41055)	21.65	21.68	21.66	20.66
		2593 (40620)	21.45	21.74	21.76	20.89
		2549.5(40185)	21.47	21.82	21.72	20.57
		2506 (39750)	21.47	21.76	21.41	20.57
	1RB-Low (0)	2680 (41490)	21.74	21.63	21.44	20.65
		2636.5(41055)	21.73	21.65	21.55	20.57
		2593 (40620)	21.49	21.80	21.46	20.66
		2549.5(40185)	21.62	21.62	21.43	20.84
		2506 (39750)	21.37	21.87	21.54	20.73
	50RB-High (50)	2680 (41490)	21.66	21.67	21.60	20.63
		2636.5(41055)	21.73	21.77	21.72	20.86
		2593 (40620)	21.61	21.69	21.67	20.79
		2549.5(40185)	21.62	21.67	21.65	20.79
		2506 (39750)	21.60	21.62	21.65	20.89
	50RB-Middle (25)	2680 (41490)	21.71	21.67	21.65	20.75
		2636.5(41055)	21.88	21.86	21.82	20.74
		2593 (40620)	21.64	21.65	21.69	20.57
		2549.5(40185)	21.67	21.72	21.70	20.56
		2506 (39750)	21.59	21.64	21.60	20.66
	50RB-Low (0)	2680 (41490)	21.73	21.70	21.69	20.69
		2636.5(41055)	21.85	21.83	21.85	20.57
		2593 (40620)	21.56	21.58	21.59	20.69
		2549.5(40185)	21.60	21.72	21.62	20.69
		2506 (39750)	21.49	21.53	21.57	20.69
	100RB (0)	2680 (41490)	21.66	21.62	21.64	20.74
		2636.5(41055)	21.75	21.73	21.69	20.64
		2593 (40620)	21.67	21.68	21.67	20.56
		2549.5(40185)	21.68	21.68	21.67	20.75
		2506 (39750)	21.61	21.65	21.61	20.81

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LTE Band41 PC2(ANT5 DSI 9/10/14/15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	19.64	19.71	19.73	19.89
		2640.3(41093)	19.67	19.73	19.80	19.81
		2593 (40620)	19.70	19.80	19.84	19.90
		2545.8(40148)	19.64	19.75	19.84	19.68
		2498.5 (39675)	19.70	19.68	19.67	19.75
	1RB-Middle (12)	2687.5 (41565)	19.70	19.75	19.73	19.86
		2640.3(41093)	19.77	19.82	19.81	19.75
		2593 (40620)	19.75	19.85	19.78	19.70
		2545.8(40148)	19.74	19.74	19.69	19.83
		2498.5 (39675)	19.69	19.87	19.68	19.67
	1RB-Low (0)	2687.5 (41565)	19.64	19.66	19.82	19.84
		2640.3(41093)	19.72	19.72	19.82	19.74
		2593 (40620)	19.72	19.79	19.83	19.71
		2545.8(40148)	19.63	19.76	19.77	19.66
		2498.5 (39675)	19.62	19.85	19.66	19.77
	12RB-High (13)	2687.5 (41565)	19.76	19.69	19.80	19.63
		2640.3(41093)	19.85	19.69	19.80	19.88
		2593 (40620)	19.81	19.83	19.83	19.80
		2545.8(40148)	19.72	19.66	19.73	19.76
		2498.5 (39675)	19.77	19.81	19.69	19.60
	12RB-Middle (6)	2687.5 (41565)	19.82	19.73	19.85	19.67
		2640.3(41093)	19.69	19.66	19.76	19.66
		2593 (40620)	19.85	19.84	19.78	19.71
		2545.8(40148)	19.75	19.82	19.80	19.65
		2498.5 (39675)	19.84	19.70	19.80	19.76
	12RB-Low (0)	2687.5 (41565)	19.77	19.82	19.80	19.72
		2640.3(41093)	19.68	19.71	19.69	19.63
		2593 (40620)	19.81	19.84	19.70	19.79
		2545.8(40148)	19.74	19.67	19.75	19.84
		2498.5 (39675)	19.72	19.76	19.73	19.79
	25RB (0)	2687.5 (41565)	19.76	19.72	19.76	19.71
		2640.3(41093)	19.81	19.68	19.82	19.71
		2593 (40620)	19.80	19.79	19.66	19.69
		2545.8(40148)	19.67	19.77	19.74	19.78
		2498.5 (39675)	19.76	19.85	19.81	19.62

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10MHz	1RB-High (49)	2685 (41540)	19.65	19.73	19.84	19.70
		2639(41080)	19.73	19.71	19.82	19.87
		2593 (40620)	19.66	19.68	19.80	19.71
		2547(40160)	19.59	19.70	19.76	19.82
		2501 (39700)	19.67	19.69	19.75	19.82
	1RB-Middle (24)	2685 (41540)	19.75	19.70	19.77	19.83
		2639(41080)	19.79	19.78	19.83	19.66
		2593 (40620)	19.73	19.81	19.83	19.77
		2547(40160)	19.67	19.74	19.80	19.74
		2501 (39700)	19.71	19.75	19.80	19.61
	1RB-Low (0)	2685 (41540)	19.71	19.83	19.66	19.73
		2639(41080)	19.76	19.72	19.78	19.81
		2593 (40620)	19.76	19.68	19.83	19.74
		2547(40160)	19.68	19.84	19.74	19.84
		2501 (39700)	19.66	19.70	19.76	19.75
	25RB-High (25)	2685 (41540)	19.79	19.83	19.83	19.86
		2639(41080)	19.82	19.80	19.79	19.74
		2593 (40620)	19.84	19.84	19.81	19.71
		2547(40160)	19.76	19.76	19.74	19.67
		2501 (39700)	19.79	19.81	19.79	19.79
	25RB-Middle (12)	2685 (41540)	19.82	19.82	19.79	19.66
		2639(41080)	19.71	19.74	19.72	19.64
		2593 (40620)	19.69	19.74	19.82	19.77
		2547(40160)	19.77	19.83	19.82	19.63
		2501 (39700)	19.82	19.81	19.83	19.61
	25RB-Low (0)	2685 (41540)	19.79	19.79	19.85	19.87
		2639(41080)	19.70	19.69	19.68	19.67
		2593 (40620)	19.83	19.83	19.85	19.61
		2547(40160)	19.73	19.81	19.77	19.80
		2501 (39700)	19.74	19.85	19.82	19.86
	50RB (0)	2685 (41540)	19.85	19.80	19.77	19.65
		2639(41080)	19.66	19.67	19.68	19.77
		2593 (40620)	19.85	19.66	19.79	19.88
		2547(40160)	19.73	19.78	19.75	19.66
		2501 (39700)	19.77	19.82	19.78	19.62

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15MHz	1RB-High (74)	2682.5 (41515)	19.54	19.74	19.85	19.64
		2637.8(41068)	19.54	19.84	19.74	19.68
		2593 (40620)	19.54	19.76	19.82	19.69
		2548.3(40173)	19.50	19.67	19.79	19.61
		2503.5 (39725)	19.46	19.79	19.80	19.81
	1RB-Middle (37)	2682.5 (41515)	19.52	19.75	19.84	19.75
		2637.8(41068)	19.62	19.66	19.78	19.85
		2593 (40620)	19.52	19.76	19.77	19.90
		2548.3(40173)	19.49	19.83	19.69	19.80
		2503.5 (39725)	19.54	19.83	19.62	19.84
	1RB-Low (0)	2682.5 (41515)	19.54	19.71	19.74	19.61
		2637.8(41068)	19.65	19.84	19.67	19.78
		2593 (40620)	19.54	19.85	19.74	19.71
		2548.3(40173)	19.49	19.68	19.65	19.75
		2503.5 (39725)	19.45	19.80	19.57	19.69
	36RB-High (38)	2682.5 (41515)	19.66	19.66	19.67	19.71
		2637.8(41068)	19.62	19.70	19.65	19.74
		2593 (40620)	19.72	19.71	19.72	19.65
		2548.3(40173)	19.61	19.65	19.62	19.62
		2503.5 (39725)	19.62	19.64	19.66	19.79
	36RB-Middle (19)	2682.5 (41515)	19.70	19.69	19.66	19.60
		2637.8(41068)	19.77	19.75	19.78	19.82
		2593 (40620)	19.69	19.67	19.72	19.69
		2548.3(40173)	19.59	19.67	19.57	19.82
		2503.5 (39725)	19.65	19.70	19.70	19.76
	36RB-Low (0)	2682.5 (41515)	19.66	19.73	19.68	19.74
		2637.8(41068)	19.76	19.81	19.82	19.73
		2593 (40620)	19.59	19.65	19.64	19.85
		2548.3(40173)	19.55	19.58	19.59	19.90
		2503.5 (39725)	19.63	19.67	19.61	19.89
	75RB (0)	2682.5 (41515)	19.64	19.66	19.66	19.71
		2637.8(41068)	19.75	19.79	19.74	19.67
		2593 (40620)	19.67	19.69	19.71	19.73
		2548.3(40173)	19.60	19.61	19.63	19.82
		2503.5 (39725)	19.63	19.69	19.69	19.65

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20MHz	1RB-High (99)	2680 (41490)	19.58	19.59	19.53	19.85
		2636.5(41055)	19.63	19.78	19.43	19.89
		2593 (40620)	19.63	19.63	19.48	19.75
		2549.5(40185)	19.46	19.42	19.31	19.69
		2506 (39750)	19.40	19.56	19.27	19.70
	1RB-Middle (50)	2680 (41490)	19.67	19.89	19.57	19.71
		2636.5(41055)	19.66	19.82	19.62	19.62
		2593 (40620)	19.51	19.70	19.51	19.81
		2549.5(40185)	19.58	19.77	19.30	19.61
		2506 (39750)	19.45	19.81	19.37	19.84
	1RB-Low (0)	2680 (41490)	19.74	19.66	19.67	19.75
		2636.5(41055)	19.71	19.64	19.62	19.64
		2593 (40620)	19.70	19.51	19.43	19.84
		2549.5(40185)	19.55	19.71	19.40	19.72
		2506 (39750)	19.44	19.65	19.27	19.90
	50RB-High (50)	2680 (41490)	19.64	19.68	19.68	19.66
		2636.5(41055)	19.69	19.75	19.72	19.62
		2593 (40620)	19.65	19.64	19.69	19.68
		2549.5(40185)	19.67	19.71	19.67	19.81
		2506 (39750)	19.55	19.63	19.63	19.70
	50RB-Middle (25)	2680 (41490)	19.71	19.71	19.69	19.65
		2636.5(41055)	19.79	19.86	19.83	19.76
		2593 (40620)	19.66	19.65	19.67	19.74
		2549.5(40185)	19.70	19.72	19.75	19.69
		2506 (39750)	19.63	19.67	19.63	19.60
	50RB-Low (0)	2680 (41490)	19.67	19.69	19.70	19.71
		2636.5(41055)	19.85	19.82	19.85	19.73
		2593 (40620)	19.60	19.64	19.55	19.83
		2549.5(40185)	19.64	19.70	19.66	19.75
		2506 (39750)	19.55	19.52	19.59	19.70
	100RB (0)	2680 (41490)	19.64	19.69	19.69	19.66
		2636.5(41055)	19.75	19.76	19.75	19.81
		2593 (40620)	19.65	19.65	19.64	19.73
		2549.5(40185)	19.70	19.70	19.74	19.82
		2506 (39750)	19.61	19.60	19.59	19.68

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LTE Band41 PC2(ANT6 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.76	24.22	22.75	19.79
		2640.3(41093)	23.79	24.20	22.78	20.18
		2593 (40620)	23.77	24.13	22.64	19.88
		2545.8(40148)	23.84	24.24	22.84	20.01
		2498.5 (39675)	23.78	24.17	22.74	20.02
	1RB-Middle (12)	2687.5 (41565)	23.84	24.27	22.76	19.93
		2640.3(41093)	23.89	24.25	22.76	20.12
		2593 (40620)	23.86	24.31	22.82	19.95
		2545.8(40148)	24.00	24.13	22.88	20.08
		2498.5 (39675)	23.91	24.33	22.78	20.05
	1RB-Low (0)	2687.5 (41565)	23.76	24.12	22.70	19.82
		2640.3(41093)	23.93	24.34	22.82	19.84
		2593 (40620)	23.76	24.17	22.71	19.88
		2545.8(40148)	23.83	24.26	22.79	20.19
		2498.5 (39675)	23.84	24.30	22.77	19.78
	12RB-High (13)	2687.5 (41565)	23.85	22.71	21.73	19.87
		2640.3(41093)	23.96	22.78	21.72	19.76
		2593 (40620)	23.88	22.65	21.74	20.06
		2545.8(40148)	23.95	22.82	21.71	20.16
		2498.5 (39675)	23.87	22.77	21.74	20.09
	12RB-Middle (6)	2687.5 (41565)	23.89	22.83	21.70	19.99
		2640.3(41093)	24.05	22.88	21.84	20.07
		2593 (40620)	23.97	22.86	21.71	19.80
		2545.8(40148)	23.99	22.71	21.80	20.19
		2498.5 (39675)	23.97	22.75	21.78	19.83
	12RB-Low (0)	2687.5 (41565)	23.83	22.76	21.65	19.94
		2640.3(41093)	23.97	22.86	21.80	20.08
		2593 (40620)	23.93	22.84	21.74	20.00
		2545.8(40148)	23.94	22.89	21.83	20.09
		2498.5 (39675)	23.84	22.66	21.66	19.98
	25RB (0)	2687.5 (41565)	23.81	22.64	21.69	19.81
		2640.3(41093)	23.97	22.86	21.82	19.78
		2593 (40620)	23.88	22.67	21.74	20.15
		2545.8(40148)	23.97	22.79	21.77	20.15
		2498.5 (39675)	23.87	22.73	21.70	20.18

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10MHz	1RB-High (49)	2685 (41540)	23.80	24.22	22.78	19.86
		2639(41080)	23.84	24.22	22.85	20.06
		2593 (40620)	23.83	24.23	22.73	20.03
		2547(40160)	23.80	24.23	22.74	20.12
		2501 (39700)	23.71	24.15	22.44	20.13
	1RB-Middle (24)	2685 (41540)	23.76	24.15	22.71	19.75
		2639(41080)	23.95	24.31	22.89	19.89
		2593 (40620)	23.85	24.17	22.89	20.00
		2547(40160)	23.90	24.32	22.79	20.11
		2501 (39700)	23.76	24.22	22.70	20.11
	1RB-Low (0)	2685 (41540)	23.78	24.12	22.59	19.88
		2639(41080)	23.95	24.15	22.69	19.82
		2593 (40620)	23.78	24.27	22.74	19.80
		2547(40160)	23.85	24.19	22.76	19.98
		2501 (39700)	23.79	24.31	22.74	19.98
	25RB-High (25)	2685 (41540)	23.90	22.66	21.73	19.86
		2639(41080)	23.92	22.75	21.71	20.16
		2593 (40620)	23.90	22.75	21.72	20.13
		2547(40160)	23.96	22.77	21.77	19.81
		2501 (39700)	23.85	22.69	21.62	19.85
	25RB-Middle (12)	2685 (41540)	23.92	22.75	21.74	19.92
		2639(41080)	24.04	22.82	21.84	20.11
		2593 (40620)	23.94	22.78	21.72	20.16
		2547(40160)	23.98	22.84	21.79	19.82
		2501 (39700)	23.87	22.73	21.72	19.76
	25RB-Low (0)	2685 (41540)	23.88	22.71	21.72	20.14
		2639(41080)	24.03	22.86	21.88	20.11
		2593 (40620)	23.90	22.75	21.78	19.88
		2547(40160)	23.97	22.80	21.83	20.13
		2501 (39700)	23.90	22.71	21.69	20.06
	50RB (0)	2685 (41540)	23.17	22.59	21.59	19.82
		2639(41080)	23.34	22.69	21.72	19.78
		2593 (40620)	23.24	22.60	21.63	19.85
		2547(40160)	23.24	22.64	21.65	19.97
		2501 (39700)	23.12	22.56	21.55	20.18

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15MHz	1RB-High (74)	2682.5 (41515)	23.72	24.09	22.57	19.76
		2637.8(41068)	23.68	24.11	22.62	19.81
		2593 (40620)	23.59	23.97	22.68	19.90
		2548.3(40173)	23.61	24.07	22.54	20.16
		2503.5 (39725)	23.45	23.97	22.36	19.97
	1RB-Middle (37)	2682.5 (41515)	23.65	23.99	22.44	19.88
		2637.8(41068)	23.74	24.13	22.66	19.88
		2593 (40620)	23.63	23.98	22.61	20.18
		2548.3(40173)	23.62	24.24	22.66	19.83
		2503.5 (39725)	23.52	23.90	22.38	20.05
	1RB-Low (0)	2682.5 (41515)	23.56	23.87	22.54	19.95
		2637.8(41068)	23.83	24.17	22.63	20.19
		2593 (40620)	23.65	23.98	22.49	20.05
		2548.3(40173)	23.72	24.04	22.55	20.01
		2503.5 (39725)	23.57	23.94	22.58	19.91
	36RB-High (38)	2682.5 (41515)	23.76	22.53	21.54	20.00
		2637.8(41068)	23.78	22.60	21.62	20.05
		2593 (40620)	23.81	22.56	21.55	19.88
		2548.3(40173)	23.79	22.61	21.61	19.93
		2503.5 (39725)	23.69	22.47	21.54	20.13
	36RB-Middle (19)	2682.5 (41515)	23.76	22.56	21.52	20.20
		2637.8(41068)	23.88	22.65	21.68	19.75
		2593 (40620)	23.80	22.63	21.59	20.16
		2548.3(40173)	23.83	22.65	21.66	20.00
		2503.5 (39725)	23.72	22.52	21.54	19.96
	36RB-Low (0)	2682.5 (41515)	23.79	22.60	21.61	20.11
		2637.8(41068)	23.93	22.74	21.68	20.19
		2593 (40620)	23.70	22.49	21.51	20.16
		2548.3(40173)	23.77	22.60	21.61	20.11
		2503.5 (39725)	23.69	22.55	21.52	20.10
	75RB (0)	2682.5 (41515)	23.03	22.44	21.44	19.83
		2637.8(41068)	23.18	22.57	21.64	19.89
		2593 (40620)	23.09	22.46	21.46	19.84
		2548.3(40173)	23.06	22.48	21.53	19.83
		2503.5 (39725)	22.99	22.45	21.40	19.92

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20MHz	1RB-High (99)	2680 (41490)	23.72	24.05	22.61	20.15
		2636.5(41055)	23.75	24.17	22.59	19.83
		2593 (40620)	23.71	24.17	22.61	20.15
		2549.5(40185)	23.55	23.95	22.53	19.83
		2506 (39750)	23.50	23.91	22.54	20.08
	1RB-Middle (50)	2680 (41490)	23.77	24.21	22.75	19.96
		2636.5(41055)	23.80	24.38	22.83	19.87
		2593 (40620)	23.63	24.31	22.84	19.86
		2549.5(40185)	23.73	24.04	22.44	19.84
		2506 (39750)	23.51	24.16	22.43	19.82
	1RB-Low (0)	2680 (41490)	23.81	24.10	22.61	19.92
		2636.5(41055)	23.76	24.18	22.72	19.79
		2593 (40620)	23.64	24.14	22.64	20.09
		2549.5(40185)	23.74	24.24	22.58	19.92
		2506 (39750)	23.57	23.87	22.54	20.14
	50RB-High (50)	2680 (41490)	23.94	22.90	21.53	20.09
		2636.5(41055)	23.85	22.90	21.62	20.00
		2593 (40620)	23.82	22.90	21.61	19.81
		2549.5(40185)	23.77	22.88	21.56	19.82
		2506 (39750)	23.67	22.81	21.45	20.00
	50RB-Middle (25)	2680 (41490)	23.97	22.86	21.57	19.77
		2636.5(41055)	23.91	22.83	21.78	19.85
		2593 (40620)	23.81	22.87	21.65	20.16
		2549.5(40185)	23.85	22.84	21.64	20.17
		2506 (39750)	23.69	22.84	21.54	20.09
	50RB-Low (0)	2680 (41490)	23.99	22.85	21.56	19.91
		2636.5(41055)	23.96	22.79	21.74	19.78
		2593 (40620)	23.72	22.84	21.52	19.95
		2549.5(40185)	23.78	22.88	21.58	19.85
		2506 (39750)	23.60	22.76	21.44	19.87
	100RB (0)	2680 (41490)	23.04	22.73	21.46	20.06
		2636.5(41055)	23.14	22.83	21.49	20.00
		2593 (40620)	23.09	22.78	21.47	19.76
		2549.5(40185)	23.15	22.83	21.50	20.14
		2506 (39750)	23.01	22.74	21.39	20.00

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LTE Band41 PC2(ANT6 DSI 5/9/10/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	21.72	21.81	22.09	19.87
		2640.3(41093)	21.70	21.87	21.96	19.89
		2593 (40620)	21.67	21.84	21.92	20.02
		2545.8(40148)	21.72	21.95	22.04	20.11
		2498.5 (39675)	21.67	21.84	22.06	20.12
	1RB-Middle (12)	2687.5 (41565)	21.67	21.89	22.06	20.08
		2640.3(41093)	21.88	21.95	22.22	19.71
		2593 (40620)	21.83	22.19	22.07	19.90
		2545.8(40148)	21.84	22.02	22.20	19.89
		2498.5 (39675)	21.76	22.08	22.20	19.72
	1RB-Low (0)	2687.5 (41565)	21.61	21.78	21.92	19.73
		2640.3(41093)	21.76	21.99	22.02	20.01
		2593 (40620)	21.67	21.84	22.08	20.07
		2545.8(40148)	21.72	21.84	22.11	19.83
		2498.5 (39675)	21.74	22.00	22.12	20.03
	12RB-High (13)	2687.5 (41565)	21.70	21.87	22.03	19.90
		2640.3(41093)	21.86	21.95	22.13	19.89
		2593 (40620)	21.75	21.90	22.27	20.15
		2545.8(40148)	21.81	21.93	22.12	20.13
		2498.5 (39675)	21.78	21.97	22.16	19.75
	12RB-Middle (6)	2687.5 (41565)	21.71	21.85	22.09	20.02
		2640.3(41093)	21.89	21.91	22.30	20.05
		2593 (40620)	21.80	22.02	22.18	19.77
		2545.8(40148)	21.86	22.07	22.27	19.72
		2498.5 (39675)	21.81	21.96	22.23	20.15
	12RB-Low (0)	2687.5 (41565)	21.70	21.84	22.14	20.02
		2640.3(41093)	21.87	22.08	22.32	20.13
		2593 (40620)	21.74	21.96	22.19	19.71
		2545.8(40148)	21.87	21.99	22.27	20.08
		2498.5 (39675)	21.73	21.86	21.91	20.05
	25RB (0)	2687.5 (41565)	21.76	21.91	22.09	19.84
		2640.3(41093)	21.83	21.95	22.24	19.84
		2593 (40620)	21.74	21.85	22.13	19.77
		2545.8(40148)	21.80	21.94	22.16	19.70
		2498.5 (39675)	21.83	21.93	22.15	20.10

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10MHz	1RB-High (49)	2685 (41540)	21.62	21.95	22.08	20.14
		2639(41080)	21.75	22.00	22.00	20.06
		2593 (40620)	21.72	21.86	21.99	19.92
		2547(40160)	21.75	21.92	22.23	19.90
		2501 (39700)	21.66	21.94	21.80	20.00
	1RB-Middle (24)	2685 (41540)	21.66	21.91	21.97	19.99
		2639(41080)	21.78	21.98	22.11	19.75
		2593 (40620)	21.69	21.99	22.08	19.73
		2547(40160)	21.81	22.09	22.14	19.79
		2501 (39700)	21.72	21.91	21.93	19.86
	1RB-Low (0)	2685 (41540)	21.61	21.71	22.06	19.91
		2639(41080)	21.83	22.08	22.14	19.81
		2593 (40620)	21.65	21.79	22.02	19.75
		2547(40160)	21.74	22.11	22.15	20.00
		2501 (39700)	21.71	22.12	22.20	20.14
	25RB-High (25)	2685 (41540)	21.72	21.82	22.12	19.89
		2639(41080)	21.82	21.91	22.15	19.76
		2593 (40620)	21.74	21.92	22.16	20.08
		2547(40160)	21.84	21.93	22.21	19.81
		2501 (39700)	21.71	21.89	22.12	19.97
	25RB-Middle (12)	2685 (41540)	21.80	21.87	22.14	20.07
		2639(41080)	21.93	22.06	22.29	20.13
		2593 (40620)	21.78	21.95	22.18	19.98
		2547(40160)	21.86	22.00	22.24	20.18
		2501 (39700)	21.74	21.96	22.13	19.99
	25RB-Low (0)	2685 (41540)	21.72	21.85	22.08	20.13
		2639(41080)	21.92	21.99	22.27	19.83
		2593 (40620)	21.80	21.91	22.18	20.19
		2547(40160)	21.85	21.98	22.27	20.00
		2501 (39700)	21.81	21.92	22.14	19.97
	50RB (0)	2685 (41540)	21.73	21.89	22.10	20.03
		2639(41080)	21.86	22.04	22.30	20.06
		2593 (40620)	21.80	21.96	22.18	19.90
		2547(40160)	21.86	21.99	22.25	19.75
		2501 (39700)	21.75	21.87	22.15	19.80

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15MHz	1RB-High (74)	2682.5 (41515)	21.48	21.72	22.04	19.94
		2637.8(41068)	21.60	21.81	21.97	19.95
		2593 (40620)	21.55	21.76	22.12	19.82
		2548.3(40173)	21.59	21.60	22.02	19.78
		2503.5 (39725)	21.56	21.58	21.72	20.06
	1RB-Middle (37)	2682.5 (41515)	21.47	21.68	22.04	20.12
		2637.8(41068)	21.60	21.94	21.91	19.94
		2593 (40620)	21.64	21.61	21.89	19.96
		2548.3(40173)	21.66	21.70	22.25	20.02
		2503.5 (39725)	21.41	21.51	21.80	20.20
	1RB-Low (0)	2682.5 (41515)	21.53	21.71	21.91	19.83
		2637.8(41068)	21.71	21.91	21.97	20.15
		2593 (40620)	21.51	21.83	22.09	19.92
		2548.3(40173)	21.70	21.78	21.81	19.88
		2503.5 (39725)	21.50	21.56	21.85	20.07
	36RB-High (38)	2682.5 (41515)	21.60	21.73	22.02	19.97
		2637.8(41068)	21.66	21.80	21.99	20.09
		2593 (40620)	21.64	21.81	22.03	20.17
		2548.3(40173)	21.72	21.85	22.11	19.84
		2503.5 (39725)	21.60	21.61	21.88	20.07
	36RB-Middle (19)	2682.5 (41515)	21.58	21.70	22.00	19.91
		2637.8(41068)	21.79	21.83	22.13	20.13
		2593 (40620)	21.67	21.83	22.03	19.89
		2548.3(40173)	21.70	21.83	22.09	19.89
		2503.5 (39725)	21.57	21.73	21.93	19.97
	36RB-Low (0)	2682.5 (41515)	21.58	21.78	21.96	20.06
		2637.8(41068)	21.84	21.93	22.22	19.78
		2593 (40620)	21.58	21.73	21.98	20.02
		2548.3(40173)	21.65	21.80	22.06	19.79
		2503.5 (39725)	21.58	21.67	22.00	19.75
	75RB (0)	2682.5 (41515)	21.59	21.70	21.99	19.81
		2637.8(41068)	21.80	21.91	22.13	20.18
		2593 (40620)	21.69	21.79	22.03	19.97
		2548.3(40173)	21.70	21.83	22.15	19.83
		2503.5 (39725)	21.59	21.69	21.96	20.15

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20MHz	1RB-High (99)	2680 (41490)	21.66	21.94	22.05	20.04
		2636.5(41055)	21.71	22.16	21.97	19.73
		2593 (40620)	21.62	22.06	21.83	19.86
		2549.5(40185)	21.55	21.94	21.80	19.73
		2506 (39750)	21.50	21.88	21.87	20.18
	1RB-Middle (50)	2680 (41490)	21.59	21.96	21.79	20.10
		2636.5(41055)	21.73	21.87	21.94	20.15
		2593 (40620)	21.59	22.12	21.91	19.94
		2549.5(40185)	21.73	21.91	22.12	19.90
		2506 (39750)	21.59	22.27	21.96	19.71
	1RB-Low (0)	2680 (41490)	21.84	22.07	22.11	19.94
		2636.5(41055)	21.77	22.32	22.32	19.93
		2593 (40620)	21.65	22.12	22.00	20.14
		2549.5(40185)	21.77	22.21	22.01	20.07
		2506 (39750)	21.61	22.14	21.80	19.77
	50RB-High (50)	2680 (41490)	21.74	21.75	21.76	20.16
		2636.5(41055)	21.79	21.84	21.79	19.84
		2593 (40620)	21.78	21.79	21.77	20.05
		2549.5(40185)	21.80	21.75	21.77	19.81
		2506 (39750)	21.70	21.72	21.69	19.85
	50RB-Middle (25)	2680 (41490)	21.86	21.77	21.81	19.96
		2636.5(41055)	21.78	21.97	21.95	19.95
		2593 (40620)	21.80	21.81	21.80	19.77
		2549.5(40185)	21.86	21.83	21.85	20.15
		2506 (39750)	21.80	21.75	21.71	19.75
	50RB-Low (0)	2680 (41490)	21.77	21.80	21.77	19.99
		2636.5(41055)	21.77	22.00	21.97	19.84
		2593 (40620)	21.73	21.77	21.72	19.71
		2549.5(40185)	21.81	21.81	21.77	19.87
		2506 (39750)	21.67	21.66	21.69	19.83
	100RB (0)	2680 (41490)	21.74	21.79	21.76	20.15
		2636.5(41055)	21.85	21.86	21.81	20.06
		2593 (40620)	21.82	21.80	21.81	19.95
		2549.5(40185)	21.82	21.80	21.85	19.78
		2506 (39750)	21.72	21.75	21.77	19.92

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LTE Band41 PC2(ANT6 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	21.20	21.39	21.43	20.18
		2640.3(41093)	21.31	21.42	21.60	19.78
		2593 (40620)	21.15	21.70	21.55	19.85
		2545.8(40148)	21.29	21.46	21.61	19.90
		2498.5 (39675)	21.15	21.51	21.39	19.92
	1RB-Middle (12)	2687.5 (41565)	21.20	21.47	21.70	20.10
		2640.3(41093)	21.47	21.70	21.40	19.84
		2593 (40620)	21.34	21.63	21.67	20.06
		2545.8(40148)	21.33	21.67	21.63	19.78
		2498.5 (39675)	21.31	21.59	21.60	19.89
	1RB-Low (0)	2687.5 (41565)	21.18	21.45	21.47	20.17
		2640.3(41093)	21.35	21.53	21.40	19.75
		2593 (40620)	21.18	21.41	21.55	20.02
		2545.8(40148)	21.24	21.41	21.68	19.98
		2498.5 (39675)	21.33	21.53	21.47	20.11
	12RB-High (13)	2687.5 (41565)	21.29	21.68	21.70	19.93
		2640.3(41093)	21.38	21.45	21.54	20.06
		2593 (40620)	21.32	21.50	21.47	20.12
		2545.8(40148)	21.37	21.39	21.39	20.08
		2498.5 (39675)	21.29	21.59	21.43	19.98
	12RB-Middle (6)	2687.5 (41565)	21.30	21.39	21.40	20.18
		2640.3(41093)	21.44	21.55	21.43	20.19
		2593 (40620)	21.31	21.64	21.66	19.91
		2545.8(40148)	21.39	21.50	21.50	19.85
		2498.5 (39675)	21.35	21.42	21.50	20.11
	12RB-Low (0)	2687.5 (41565)	21.26	21.42	21.43	19.85
		2640.3(41093)	21.41	21.63	21.46	19.82
		2593 (40620)	21.32	21.70	21.42	20.10
		2545.8(40148)	21.35	21.54	21.55	20.00
		2498.5 (39675)	21.20	21.59	21.45	19.97
	25RB (0)	2687.5 (41565)	21.25	21.43	21.36	20.01
		2640.3(41093)	21.43	21.48	21.45	19.99
		2593 (40620)	21.30	21.46	21.48	19.82
		2545.8(40148)	21.38	21.46	21.54	19.86
		2498.5 (39675)	21.30	21.37	21.48	20.20

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10MHz	1RB-High (49)	2685 (41540)	21.23	21.68	21.57	19.92
		2639(41080)	21.33	21.45	21.55	19.95
		2593 (40620)	21.19	21.50	21.44	20.16
		2547(40160)	21.28	21.63	21.68	19.96
		2501 (39700)	21.12	21.59	21.49	20.17
	1RB-Middle (24)	2685 (41540)	21.24	21.59	21.55	20.13
		2639(41080)	21.49	21.55	21.51	19.92
		2593 (40620)	21.30	21.40	21.56	20.19
		2547(40160)	21.30	21.37	21.45	20.09
		2501 (39700)	21.23	21.54	21.57	19.90
	1RB-Low (0)	2685 (41540)	21.21	21.69	21.57	19.78
		2639(41080)	21.44	21.69	21.39	20.09
		2593 (40620)	21.18	21.70	21.52	20.15
		2547(40160)	21.29	21.68	21.37	19.87
		2501 (39700)	21.24	21.55	21.50	19.86
	25RB-High (25)	2685 (41540)	21.29	21.41	21.68	20.20
		2639(41080)	21.33	21.48	21.44	19.94
		2593 (40620)	21.34	21.43	21.36	19.75
		2547(40160)	21.32	21.46	21.44	20.05
		2501 (39700)	21.24	21.65	21.61	20.04
	25RB-Middle (12)	2685 (41540)	21.33	21.40	21.69	19.76
		2639(41080)	21.46	21.51	21.51	19.79
		2593 (40620)	21.36	21.51	21.43	20.10
		2547(40160)	21.41	21.51	21.45	19.84
		2501 (39700)	21.29	21.36	21.69	19.88
	25RB-Low (0)	2685 (41540)	21.26	21.67	21.67	19.82
		2639(41080)	21.48	21.54	21.52	20.07
		2593 (40620)	21.34	21.48	21.39	19.84
		2547(40160)	21.37	21.46	21.47	19.90
		2501 (39700)	21.32	21.40	21.66	20.19
	50RB (0)	2685 (41540)	21.28	21.39	21.70	20.18
		2639(41080)	21.43	21.50	21.52	19.90
		2593 (40620)	21.32	21.41	21.43	20.04
		2547(40160)	21.39	21.46	21.44	20.12
		2501 (39700)	21.29	21.70	21.64	20.12

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15MHz	1RB-High (74)	2682.5 (41515)	21.04	21.53	21.50	19.81
		2637.8(41068)	21.11	21.46	21.38	19.79
		2593 (40620)	21.08	21.46	21.36	20.20
		2548.3(40173)	21.07	21.65	21.32	19.92
		2503.5 (39725)	20.86	21.24	21.18	19.84
	1RB-Middle (37)	2682.5 (41515)	21.01	21.44	21.36	19.98
		2637.8(41068)	21.15	21.70	21.65	19.78
		2593 (40620)	21.16	21.54	21.36	19.80
		2548.3(40173)	21.04	21.60	21.50	19.91
		2503.5 (39725)	20.97	21.60	21.58	19.99
	1RB-Low (0)	2682.5 (41515)	20.99	21.37	21.32	19.85
		2637.8(41068)	21.23	21.41	21.59	19.96
		2593 (40620)	21.05	21.58	21.50	20.16
		2548.3(40173)	21.26	21.51	21.69	20.07
		2503.5 (39725)	21.07	21.49	21.26	20.05
	36RB-High (38)	2682.5 (41515)	21.11	21.54	21.53	19.97
		2637.8(41068)	21.15	21.54	21.55	20.11
		2593 (40620)	21.13	21.61	21.56	19.94
		2548.3(40173)	21.19	21.56	21.59	19.95
		2503.5 (39725)	21.04	21.49	21.42	19.82
	36RB-Middle (19)	2682.5 (41515)	21.10	21.51	21.52	19.80
		2637.8(41068)	21.29	21.66	21.37	19.92
		2593 (40620)	21.17	21.63	21.61	19.91
		2548.3(40173)	21.22	21.61	21.63	19.99
		2503.5 (39725)	21.10	21.51	21.48	19.88
	36RB-Low (0)	2682.5 (41515)	21.18	21.51	21.50	19.77
		2637.8(41068)	21.31	21.37	21.37	19.91
		2593 (40620)	21.09	21.51	21.49	19.99
		2548.3(40173)	21.16	21.58	21.54	20.14
		2503.5 (39725)	21.10	21.55	21.46	19.84
	75RB (0)	2682.5 (41515)	21.10	21.49	21.53	19.90
		2637.8(41068)	21.32	21.39	21.66	19.77
		2593 (40620)	21.17	21.60	21.56	19.91
		2548.3(40173)	21.21	21.59	21.59	20.08
		2503.5 (39725)	21.11	21.50	21.49	20.01

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20MHz	1RB-High (99)	2680 (41490)	21.07	21.57	21.35	19.88
		2636.5(41055)	21.18	21.57	21.25	20.10
		2593 (40620)	21.12	21.36	21.30	20.05
		2549.5(40185)	21.07	21.38	21.22	20.11
		2506 (39750)	20.97	21.40	21.27	20.15
	1RB-Middle (50)	2680 (41490)	21.03	21.36	21.70	19.75
		2636.5(41055)	21.18	21.61	21.44	20.16
		2593 (40620)	21.13	21.54	21.26	19.98
		2549.5(40185)	21.10	21.81	21.53	19.94
		2506 (39750)	21.09	21.38	21.40	19.84
	1RB-Low (0)	2680 (41490)	21.14	21.54	21.24	20.11
		2636.5(41055)	21.37	21.57	21.63	19.83
		2593 (40620)	21.16	21.59	21.28	19.84
		2549.5(40185)	21.18	21.50	21.31	19.79
		2506 (39750)	21.05	21.44	21.14	20.14
	50RB-High (50)	2680 (41490)	21.24	21.19	21.25	20.11
		2636.5(41055)	21.32	21.27	21.24	19.78
		2593 (40620)	21.29	21.28	21.26	20.06
		2549.5(40185)	21.26	21.25	21.22	20.12
		2506 (39750)	21.21	21.19	21.12	19.90
	50RB-Middle (25)	2680 (41490)	21.22	21.28	21.26	20.14
		2636.5(41055)	21.41	21.42	21.43	20.16
		2593 (40620)	21.28	21.25	21.27	19.82
		2549.5(40185)	21.33	21.32	21.30	19.84
		2506 (39750)	21.22	21.22	21.23	20.06
	50RB-Low (0)	2680 (41490)	21.24	21.25	21.24	20.04
		2636.5(41055)	21.44	21.47	21.45	19.97
		2593 (40620)	21.21	21.21	21.21	19.84
		2549.5(40185)	21.27	21.27	21.26	19.77
		2506 (39750)	21.18	21.12	21.12	20.07
	100RB (0)	2680 (41490)	21.22	21.25	21.20	19.93
		2636.5(41055)	21.33	21.33	21.34	20.02
		2593 (40620)	21.25	21.25	21.26	19.81
		2549.5(40185)	21.30	21.25	21.28	19.92
		2506 (39750)	21.20	21.19	21.18	19.84

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LTE Band41 PC3(ANT0 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	22.21	22.34	22.08	19.10
		2640.3(41093)	21.91	21.82	21.88	19.13
		2593 (40620)	22.15	22.26	22.01	18.96
		2545.8(40148)	22.17	22.16	22.04	19.02
		2498.5 (39675)	22.25	22.20	22.19	19.10
	1RB-Middle (12)	2687.5 (41565)	22.23	22.18	22.17	19.24
		2640.3(41093)	21.98	21.93	21.97	19.15
		2593 (40620)	22.27	22.23	22.21	19.10
		2545.8(40148)	22.19	22.30	22.16	19.28
		2498.5 (39675)	22.33	22.32	22.27	19.26
	1RB-Low (0)	2687.5 (41565)	22.12	22.22	22.12	19.11
		2640.3(41093)	21.89	21.94	21.77	19.19
		2593 (40620)	22.24	22.32	22.16	19.00
		2545.8(40148)	22.09	22.13	22.07	19.13
		2498.5 (39675)	22.33	22.23	22.23	19.17
	12RB-High (13)	2687.5 (41565)	22.22	22.29	21.29	19.13
		2640.3(41093)	21.89	21.84	20.90	19.16
		2593 (40620)	22.21	22.31	21.28	19.05
		2545.8(40148)	22.21	22.16	21.25	19.16
		2498.5 (39675)	22.29	22.28	21.41	19.00
	12RB-Middle (6)	2687.5 (41565)	22.27	22.23	21.29	19.16
		2640.3(41093)	21.97	22.05	21.00	19.16
		2593 (40620)	22.30	22.36	21.29	19.13
		2545.8(40148)	22.25	22.32	21.15	19.17
		2498.5 (39675)	22.32	22.36	21.42	19.04
	12RB-Low (0)	2687.5 (41565)	22.21	22.13	21.35	19.06
		2640.3(41093)	21.93	21.99	20.95	19.09
		2593 (40620)	22.18	22.21	21.11	19.11
		2545.8(40148)	22.20	22.17	21.27	19.16
		2498.5 (39675)	22.21	22.25	21.28	19.19
	25RB (0)	2687.5 (41565)	22.24	22.23	21.23	19.13
		2640.3(41093)	21.98	21.97	21.00	19.19
		2593 (40620)	22.29	22.27	21.24	19.12
		2545.8(40148)	22.18	22.23	21.16	19.07
		2498.5 (39675)	22.31	22.29	21.29	19.17

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10MHz	1RB-High (49)	2685 (41540)	22.13	22.14	22.11	19.21
		2639(41080)	21.90	21.97	21.89	19.24
		2593 (40620)	22.14	22.10	22.04	19.14
		2547(40160)	22.25	22.27	22.05	19.19
		2501 (39700)	22.16	22.29	22.05	19.02
	1RB-Middle (24)	2685 (41540)	22.28	22.19	22.13	19.19
		2639(41080)	21.95	22.01	21.91	19.25
		2593 (40620)	22.20	22.22	22.18	19.05
		2547(40160)	22.28	22.27	22.09	19.01
		2501 (39700)	22.21	22.29	22.21	19.12
	1RB-Low (0)	2685 (41540)	22.16	22.22	22.09	19.19
		2639(41080)	21.91	22.06	21.94	19.26
		2593 (40620)	22.26	22.31	22.16	19.24
		2547(40160)	22.07	22.14	21.87	19.01
		2501 (39700)	22.28	22.36	22.23	19.25
	25RB-High (25)	2685 (41540)	22.20	22.21	21.20	19.15
		2639(41080)	21.89	21.88	20.86	19.19
		2593 (40620)	22.18	22.21	21.25	19.07
		2547(40160)	22.24	22.24	21.26	19.12
		2501 (39700)	22.19	22.25	21.25	19.05
	25RB-Middle (12)	2685 (41540)	22.28	22.23	21.26	19.19
		2639(41080)	21.99	21.98	21.02	19.15
		2593 (40620)	22.27	22.28	21.29	19.15
		2547(40160)	22.26	22.23	21.26	19.13
		2501 (39700)	22.28	22.30	21.29	19.04
	25RB-Low (0)	2685 (41540)	22.23	22.19	21.19	19.09
		2639(41080)	21.97	22.00	20.98	19.19
		2593 (40620)	22.23	22.20	21.22	19.13
		2547(40160)	22.18	22.19	21.22	19.13
		2501 (39700)	22.30	22.30	21.32	19.06
	50RB (0)	2685 (41540)	22.20	22.24	21.21	19.15
		2639(41080)	21.97	22.01	20.98	19.19
		2593 (40620)	22.28	22.23	21.28	19.13
		2547(40160)	22.24	22.23	21.23	19.12
		2501 (39700)	22.25	22.31	21.25	19.04

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15MHz	1RB-High (74)	2682.5 (41515)	22.07	22.16	22.00	19.23
		2637.8(41068)	21.80	21.81	21.81	19.21
		2593 (40620)	22.07	22.14	22.06	19.23
		2548.3(40173)	22.13	22.31	22.19	19.16
		2503.5 (39725)	21.87	22.00	21.95	18.87
	1RB-Middle (37)	2682.5 (41515)	22.02	22.22	21.99	19.12
		2637.8(41068)	21.74	21.99	21.76	19.05
		2593 (40620)	22.11	22.10	22.10	19.10
		2548.3(40173)	22.11	22.02	22.06	19.02
		2503.5 (39725)	22.00	22.21	22.15	18.90
	1RB-Low (0)	2682.5 (41515)	21.97	22.02	21.98	19.06
		2637.8(41068)	21.84	21.91	21.78	19.21
		2593 (40620)	22.23	22.28	22.21	18.96
		2548.3(40173)	21.99	21.93	21.96	18.99
		2503.5 (39725)	22.06	22.20	22.05	18.95
	36RB-High (38)	2682.5 (41515)	22.09	22.14	21.09	19.07
		2637.8(41068)	21.75	21.81	20.79	19.10
		2593 (40620)	22.13	22.13	21.11	18.99
		2548.3(40173)	22.18	22.21	21.20	19.04
		2503.5 (39725)	22.07	22.05	21.05	18.90
	36RB-Middle (19)	2682.5 (41515)	22.07	22.11	21.08	19.10
		2637.8(41068)	21.90	21.90	20.88	19.13
		2593 (40620)	22.13	22.14	21.18	19.04
		2548.3(40173)	22.10	22.14	21.13	18.99
		2503.5 (39725)	22.07	22.10	21.13	18.92
	36RB-Low (0)	2682.5 (41515)	21.99	22.01	21.00	19.06
		2637.8(41068)	21.92	21.93	20.90	19.07
		2593 (40620)	22.16	22.15	21.20	19.02
		2548.3(40173)	22.03	22.06	21.06	19.03
		2503.5 (39725)	22.14	22.16	21.17	18.96
	75RB (0)	2682.5 (41515)	22.12	22.11	21.10	19.07
		2637.8(41068)	21.88	21.88	20.85	19.14
		2593 (40620)	22.16	22.18	21.19	18.99
		2548.3(40173)	22.15	22.18	21.14	19.03
		2503.5 (39725)	22.10	22.06	21.08	18.93

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20MHz	1RB-High (99)	2680 (41490)	22.26	22.43	22.17	19.20
		2636.5(41055)	21.89	21.83	21.81	19.22
		2593 (40620)	21.91	21.97	21.66	19.04
		2549.5(40185)	22.02	22.04	22.14	19.10
		2506 (39750)	21.86	21.90	21.91	18.95
	1RB-Middle (50)	2680 (41490)	22.16	22.41	22.06	19.04
		2636.5(41055)	21.82	21.84	21.92	19.17
		2593 (40620)	21.88	22.17	22.05	19.23
		2549.5(40185)	22.03	21.88	21.96	19.25
		2506 (39750)	22.03	22.09	22.08	19.17
	1RB-Low (0)	2680 (41490)	22.14	22.21	22.28	19.22
		2636.5(41055)	21.82	21.84	21.89	19.28
		2593 (40620)	22.18	22.34	22.03	19.09
		2549.5(40185)	22.03	21.97	21.98	19.22
		2506 (39750)	22.16	22.10	22.13	18.93
	50RB-High (50)	2680 (41490)	22.28	22.28	21.26	19.20
		2636.5(41055)	21.84	21.85	20.85	19.19
		2593 (40620)	21.99	21.97	20.99	19.04
		2549.5(40185)	22.10	22.09	21.14	19.07
		2506 (39750)	22.04	22.01	21.01	19.04
	50RB-Middle (25)	2680 (41490)	22.28	22.28	21.31	19.09
		2636.5(41055)	21.94	21.92	20.92	19.20
		2593 (40620)	22.06	22.10	21.05	19.11
		2549.5(40185)	22.09	22.09	21.10	19.14
		2506 (39750)	22.16	22.15	21.15	19.06
	50RB-Low (0)	2680 (41490)	22.13	22.18	21.18	19.06
		2636.5(41055)	21.91	21.89	20.87	19.12
		2593 (40620)	22.08	22.06	21.06	19.04
		2549.5(40185)	21.95	21.98	20.98	19.13
		2506 (39750)	22.13	22.11	21.15	18.96
	100RB (0)	2680 (41490)	22.27	22.24	21.26	19.17
		2636.5(41055)	21.91	21.92	20.93	19.19
		2593 (40620)	22.03	22.08	21.09	19.00
		2549.5(40185)	22.07	22.06	21.10	19.12
		2506 (39750)	22.15	22.11	21.14	19.05

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LTE Band41 PC3(ANT0 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	21.52	21.41	21.48	18.92
		2640.3(41093)	21.23	20.92	21.29	18.95
		2593 (40620)	21.46	21.34	21.41	18.78
		2545.8(40148)	21.48	21.24	21.44	18.84
		2498.5 (39675)	21.56	21.28	21.59	18.92
	1RB-Middle (12)	2687.5 (41565)	21.54	21.26	21.57	19.06
		2640.3(41093)	21.30	21.02	21.38	18.97
		2593 (40620)	21.58	21.31	21.61	18.92
		2545.8(40148)	21.50	21.38	21.56	19.10
		2498.5 (39675)	21.64	21.39	21.67	19.07
	1RB-Low (0)	2687.5 (41565)	21.43	21.30	21.52	18.93
		2640.3(41093)	21.21	21.03	21.18	19.01
		2593 (40620)	21.55	21.39	21.56	18.82
		2545.8(40148)	21.41	21.21	21.47	18.95
		2498.5 (39675)	21.64	21.31	21.63	18.99
	12RB-High (13)	2687.5 (41565)	21.53	21.37	20.71	18.95
		2640.3(41093)	21.21	20.93	20.33	18.98
		2593 (40620)	21.52	21.38	20.70	18.87
		2545.8(40148)	21.52	21.24	20.67	18.98
		2498.5 (39675)	21.60	21.36	20.83	18.82
	12RB-Middle (6)	2687.5 (41565)	21.58	21.31	20.71	18.98
		2640.3(41093)	21.29	21.14	20.43	18.98
		2593 (40620)	21.61	21.43	20.71	18.95
		2545.8(40148)	21.56	21.39	20.58	18.99
		2498.5 (39675)	21.63	21.43	20.84	18.86
	12RB-Low (0)	2687.5 (41565)	21.52	21.21	20.77	18.88
		2640.3(41093)	21.25	21.08	20.38	18.91
		2593 (40620)	21.49	21.29	20.54	18.93
		2545.8(40148)	21.51	21.25	20.69	18.98
		2498.5 (39675)	21.52	21.33	20.70	19.01
	25RB (0)	2687.5 (41565)	21.55	21.31	20.66	18.95
		2640.3(41093)	21.30	21.06	20.43	19.00
		2593 (40620)	21.60	21.35	20.67	18.94
		2545.8(40148)	21.49	21.31	20.59	18.89
		2498.5 (39675)	21.62	21.37	20.71	18.99

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10MHz	1RB-High (49)	2685 (41540)	21.44	21.22	21.51	19.03
		2639(41080)	21.22	21.06	21.30	19.06
		2593 (40620)	21.45	21.18	21.44	18.96
		2547(40160)	21.56	21.35	21.45	19.00
		2501 (39700)	21.47	21.37	21.45	18.84
	1RB-Middle (24)	2685 (41540)	21.59	21.27	21.53	19.01
		2639(41080)	21.27	21.10	21.32	19.07
		2593 (40620)	21.51	21.30	21.58	18.87
		2547(40160)	21.59	21.35	21.49	18.83
		2501 (39700)	21.52	21.37	21.61	18.94
	1RB-Low (0)	2685 (41540)	21.47	21.30	21.49	19.00
		2639(41080)	21.23	21.15	21.35	19.07
		2593 (40620)	21.57	21.38	21.56	19.06
		2547(40160)	21.39	21.22	21.28	18.83
		2501 (39700)	21.59	21.43	21.63	19.07
	25RB-High (25)	2685 (41540)	21.51	21.29	20.63	18.97
		2639(41080)	21.21	20.97	20.30	19.00
		2593 (40620)	21.49	21.29	20.67	18.89
		2547(40160)	21.55	21.32	20.68	18.93
		2501 (39700)	21.50	21.33	20.67	18.87
	25RB-Middle (12)	2685 (41540)	21.59	21.31	20.68	19.00
		2639(41080)	21.31	21.07	20.45	18.97
		2593 (40620)	21.58	21.36	20.71	18.97
		2547(40160)	21.57	21.31	20.68	18.95
		2501 (39700)	21.59	21.38	20.71	18.86
	25RB-Low (0)	2685 (41540)	21.54	21.27	20.62	18.91
		2639(41080)	21.29	21.09	20.41	19.01
		2593 (40620)	21.54	21.28	20.65	18.95
		2547(40160)	21.49	21.27	20.65	18.95
		2501 (39700)	21.61	21.38	20.74	18.88
	50RB (0)	2685 (41540)	21.51	21.32	20.64	18.97
		2639(41080)	21.29	21.10	20.41	19.01
		2593 (40620)	21.59	21.31	20.70	18.95
		2547(40160)	21.55	21.31	20.66	18.94
		2501 (39700)	21.56	21.38	20.67	18.86

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15MHz	1RB-High (74)	2682.5 (41515)	21.39	21.24	21.40	19.05
		2637.8(41068)	21.12	20.91	21.22	19.03
		2593 (40620)	21.39	21.22	21.46	19.05
		2548.3(40173)	21.44	21.38	21.59	18.98
		2503.5 (39725)	21.19	21.09	21.36	18.69
	1RB-Middle (37)	2682.5 (41515)	21.34	21.30	21.39	18.94
		2637.8(41068)	21.07	21.08	21.17	18.87
		2593 (40620)	21.42	21.18	21.50	18.92
		2548.3(40173)	21.42	21.11	21.46	18.84
		2503.5 (39725)	21.32	21.29	21.55	18.72
	1RB-Low (0)	2682.5 (41515)	21.29	21.11	21.39	18.88
		2637.8(41068)	21.16	21.00	21.19	19.03
		2593 (40620)	21.54	21.36	21.61	18.78
		2548.3(40173)	21.31	21.02	21.37	18.81
		2503.5 (39725)	21.38	21.28	21.45	18.77
	36RB-High (38)	2682.5 (41515)	21.41	21.22	20.52	18.89
		2637.8(41068)	21.08	20.91	20.23	18.92
		2593 (40620)	21.44	21.21	20.54	18.81
		2548.3(40173)	21.49	21.29	20.63	18.86
		2503.5 (39725)	21.39	21.14	20.48	18.72
	36RB-Middle (19)	2682.5 (41515)	21.39	21.19	20.51	18.92
		2637.8(41068)	21.22	20.99	20.31	18.95
		2593 (40620)	21.44	21.22	20.61	18.86
		2548.3(40173)	21.41	21.22	20.56	18.81
		2503.5 (39725)	21.39	21.18	20.56	18.74
	36RB-Low (0)	2682.5 (41515)	21.31	21.10	20.43	18.88
		2637.8(41068)	21.24	21.02	20.33	18.89
		2593 (40620)	21.47	21.23	20.63	18.84
		2548.3(40173)	21.35	21.15	20.49	18.85
		2503.5 (39725)	21.45	21.24	20.60	18.78
	75RB (0)	2682.5 (41515)	21.43	21.19	20.53	18.89
		2637.8(41068)	21.20	20.97	20.29	18.96
		2593 (40620)	21.47	21.26	20.62	18.81
		2548.3(40173)	21.46	21.26	20.57	18.85
		2503.5 (39725)	21.41	21.15	20.51	18.75

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20MHz	1RB-High (99)	2680 (41490)	21.31	21.42	21.31	19.02
		2636.5(41055)	21.10	21.23	20.91	19.04
		2593 (40620)	21.40	21.38	21.28	18.86
		2549.5(40185)	20.88	20.98	20.96	18.92
		2506 (39750)	21.57	21.50	21.57	18.77
	1RB-Middle (50)	2680 (41490)	21.16	21.22	21.21	18.86
		2636.5(41055)	21.20	21.32	21.22	18.99
		2593 (40620)	21.30	21.43	21.31	19.05
		2549.5(40185)	21.07	21.23	21.19	19.07
		2506 (39750)	21.50	21.64	21.45	18.99
	1RB-Low (0)	2680 (41490)	21.00	21.07	20.97	19.04
		2636.5(41055)	21.43	21.44	21.28	19.10
		2593 (40620)	21.22	21.34	21.17	18.91
		2549.5(40185)	21.28	21.27	21.50	19.04
		2506 (39750)	21.38	21.37	21.42	18.75
	50RB-High (50)	2680 (41490)	21.30	21.31	20.77	19.02
		2636.5(41055)	21.14	21.14	20.65	19.01
		2593 (40620)	21.44	21.41	20.92	18.86
		2549.5(40185)	21.10	21.10	20.61	18.89
		2506 (39750)	21.63	21.65	21.18	18.86
	50RB-Middle (25)	2680 (41490)	21.22	21.21	20.72	18.91
		2636.5(41055)	21.33	21.33	20.82	19.02
		2593 (40620)	21.38	21.39	20.92	18.93
		2549.5(40185)	21.19	21.25	20.70	18.96
		2506 (39750)	21.63	21.63	21.19	18.88
	50RB-Low (0)	2680 (41490)	21.09	21.13	20.61	18.88
		2636.5(41055)	21.41	21.41	20.92	18.93
		2593 (40620)	21.27	21.30	20.78	18.86
		2549.5(40185)	21.18	21.23	20.75	18.95
		2506 (39750)	21.45	21.50	20.99	18.78
	100RB (0)	2680 (41490)	21.23	21.26	20.74	18.99
		2636.5(41055)	21.31	21.31	20.79	19.01
		2593 (40620)	21.36	21.36	20.90	18.82
		2549.5(40185)	21.21	21.21	20.69	18.94
		2506 (39750)	21.63	21.65	21.11	18.87

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LTE Band41 PC3(ANT0 DSI 9/14/15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	19.58	19.76	19.59	18.88
		2640.3(41093)	19.33	19.47	19.38	18.91
		2593 (40620)	19.78	19.61	19.50	18.74
		2545.8(40148)	19.69	19.85	19.54	18.80
		2498.5 (39675)	19.83	19.84	19.66	18.88
	1RB-Middle (12)	2687.5 (41565)	19.71	19.88	19.72	19.02
		2640.3(41093)	19.47	19.70	19.44	18.93
		2593 (40620)	19.81	19.85	19.65	18.88
		2545.8(40148)	19.70	19.77	19.74	19.06
		2498.5 (39675)	19.92	19.93	19.87	19.03
	1RB-Low (0)	2687.5 (41565)	19.60	19.72	19.53	18.89
		2640.3(41093)	19.31	19.59	19.47	18.97
		2593 (40620)	19.79	19.76	19.68	18.78
		2545.8(40148)	19.63	19.65	19.45	18.91
		2498.5 (39675)	19.84	19.93	19.61	18.95
	12RB-High (13)	2687.5 (41565)	19.69	19.69	19.71	18.91
		2640.3(41093)	19.38	19.37	19.39	18.94
		2593 (40620)	19.78	19.79	19.65	18.83
		2545.8(40148)	19.76	19.77	19.83	18.94
		2498.5 (39675)	19.86	19.87	19.84	18.78
	12RB-Middle (6)	2687.5 (41565)	19.72	19.81	19.80	18.94
		2640.3(41093)	19.47	19.58	19.51	18.94
		2593 (40620)	19.84	19.88	19.88	18.91
		2545.8(40148)	19.79	19.79	19.80	18.95
		2498.5 (39675)	19.91	19.84	19.90	18.82
	12RB-Low (0)	2687.5 (41565)	19.70	19.76	19.72	18.84
		2640.3(41093)	19.43	19.45	19.43	18.87
		2593 (40620)	19.75	19.70	19.72	18.89
		2545.8(40148)	19.73	19.70	19.68	18.94
		2498.5 (39675)	19.81	19.84	19.81	18.97
	25RB (0)	2687.5 (41565)	19.69	19.77	19.78	18.91
		2640.3(41093)	19.43	19.52	19.47	18.96
		2593 (40620)	19.79	19.80	19.80	18.90
		2545.8(40148)	19.76	19.72	19.76	18.85
		2498.5 (39675)	19.90	19.84	19.85	18.95

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10MHz	1RB-High (49)	2685 (41540)	19.65	19.67	19.55	18.99
		2639(41080)	19.37	19.37	19.43	19.02
		2593 (40620)	19.58	19.69	19.55	18.92
		2547(40160)	19.79	19.69	19.73	18.96
		2501 (39700)	19.67	19.61	19.69	18.80
	1RB-Middle (24)	2685 (41540)	19.67	19.63	19.60	18.97
		2639(41080)	19.43	19.40	19.40	19.03
		2593 (40620)	19.78	19.72	19.75	18.83
		2547(40160)	19.71	19.82	19.62	18.79
		2501 (39700)	19.80	19.80	19.67	18.90
	1RB-Low (0)	2685 (41540)	19.58	19.67	19.67	18.96
		2639(41080)	19.40	19.47	19.56	19.03
		2593 (40620)	19.75	19.72	19.66	19.02
		2547(40160)	19.56	19.76	19.54	18.79
		2501 (39700)	19.80	19.86	19.71	19.03
	25RB-High (25)	2685 (41540)	19.68	19.68	19.68	18.93
		2639(41080)	19.38	19.36	19.39	18.96
		2593 (40620)	19.70	19.68	19.72	18.85
		2547(40160)	19.77	19.73	19.72	18.89
		2501 (39700)	19.72	19.75	19.73	18.83
	25RB-Middle (12)	2685 (41540)	19.73	19.73	19.70	18.96
		2639(41080)	19.46	19.48	19.43	18.93
		2593 (40620)	19.78	19.76	19.76	18.93
		2547(40160)	19.74	19.73	19.78	18.91
		2501 (39700)	19.79	19.76	19.79	18.82
	25RB-Low (0)	2685 (41540)	19.69	19.69	19.67	18.87
		2639(41080)	19.46	19.49	19.44	18.97
		2593 (40620)	19.74	19.73	19.73	18.91
		2547(40160)	19.73	19.72	19.66	18.91
		2501 (39700)	19.82	19.78	19.85	18.84
	50RB (0)	2685 (41540)	19.70	19.68	19.68	18.93
		2639(41080)	19.47	19.41	19.40	18.97
		2593 (40620)	19.78	19.75	19.77	18.91
		2547(40160)	19.76	19.71	19.76	18.90
		2501 (39700)	19.80	19.76	19.71	18.82

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15MHz	1RB-High (74)	2682.5 (41515)	19.54	19.55	19.47	19.01
		2637.8(41068)	19.34	19.25	19.39	18.99
		2593 (40620)	19.47	19.58	19.48	19.01
		2548.3(40173)	19.62	19.73	19.76	18.94
		2503.5 (39725)	19.41	19.51	19.30	18.65
	1RB-Middle (37)	2682.5 (41515)	19.47	19.57	19.49	18.90
		2637.8(41068)	19.29	19.42	19.36	18.83
		2593 (40620)	19.62	19.50	19.56	18.88
		2548.3(40173)	19.54	19.52	19.52	18.80
		2503.5 (39725)	19.52	19.71	19.42	18.68
	1RB-Low (0)	2682.5 (41515)	19.52	19.56	19.50	18.84
		2637.8(41068)	19.37	19.55	19.35	18.99
		2593 (40620)	19.76	19.74	19.56	18.74
		2548.3(40173)	19.45	19.49	19.45	18.77
		2503.5 (39725)	19.63	19.78	19.55	18.73
	36RB-High (38)	2682.5 (41515)	19.59	19.58	19.56	18.85
		2637.8(41068)	19.31	19.29	19.28	18.88
		2593 (40620)	19.60	19.57	19.55	18.77
		2548.3(40173)	19.69	19.67	19.65	18.82
		2503.5 (39725)	19.54	19.52	19.51	18.68
	36RB-Middle (19)	2682.5 (41515)	19.57	19.57	19.55	18.88
		2637.8(41068)	19.43	19.38	19.35	18.91
		2593 (40620)	19.65	19.65	19.60	18.82
		2548.3(40173)	19.65	19.62	19.59	18.77
		2503.5 (39725)	19.61	19.65	19.58	18.70
	36RB-Low (0)	2682.5 (41515)	19.50	19.48	19.48	18.84
		2637.8(41068)	19.41	19.36	19.40	18.85
		2593 (40620)	19.66	19.62	19.57	18.80
		2548.3(40173)	19.50	19.48	19.45	18.81
		2503.5 (39725)	19.67	19.66	19.60	18.74
	75RB (0)	2682.5 (41515)	19.57	19.54	19.55	18.85
		2637.8(41068)	19.43	19.41	19.36	18.92
		2593 (40620)	19.70	19.63	19.65	18.77
		2548.3(40173)	19.63	19.59	19.62	18.81
		2503.5 (39725)	19.56	19.61	19.58	18.71

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20MHz	1RB-High (99)	2680 (41490)	19.70	19.78	19.65	18.98
		2636.5(41055)	19.38	19.38	19.28	19.00
		2593 (40620)	19.33	19.30	19.21	18.82
		2549.5(40185)	19.61	19.52	19.48	18.88
		2506 (39750)	19.40	19.38	19.33	18.73
	1RB-Middle (50)	2680 (41490)	19.69	19.71	19.69	18.82
		2636.5(41055)	19.32	19.31	19.20	18.95
		2593 (40620)	19.54	19.52	19.30	19.01
		2549.5(40185)	19.52	19.61	19.45	19.03
		2506 (39750)	19.50	19.63	19.56	18.95
	1RB-Low (0)	2680 (41490)	19.67	19.69	19.62	19.00
		2636.5(41055)	19.31	19.29	19.24	19.06
		2593 (40620)	19.70	19.56	19.54	18.87
		2549.5(40185)	19.48	19.43	19.38	19.00
		2506 (39750)	19.69	19.72	19.68	18.71
	50RB-High (50)	2680 (41490)	19.80	19.71	19.75	18.98
		2636.5(41055)	19.36	19.34	19.31	18.97
		2593 (40620)	19.49	19.46	19.44	18.82
		2549.5(40185)	19.64	19.63	19.59	18.85
		2506 (39750)	19.54	19.56	19.52	18.82
	50RB-Middle (25)	2680 (41490)	19.78	19.74	19.70	18.87
		2636.5(41055)	19.43	19.39	19.41	18.98
		2593 (40620)	19.57	19.54	19.53	18.89
		2549.5(40185)	19.63	19.57	19.55	18.92
		2506 (39750)	19.64	19.66	19.63	18.84
	50RB-Low (0)	2680 (41490)	19.65	19.65	19.63	18.84
		2636.5(41055)	19.40	19.37	19.37	18.89
		2593 (40620)	19.57	19.56	19.54	18.82
		2549.5(40185)	19.52	19.44	19.41	18.91
		2506 (39750)	19.61	19.58	19.61	18.74
	100RB (0)	2680 (41490)	19.76	19.70	19.74	18.95
		2636.5(41055)	19.40	19.38	19.43	18.97
		2593 (40620)	19.57	19.54	19.52	18.78
		2549.5(40185)	19.63	19.56	19.58	18.90
		2506 (39750)	19.61	19.66	19.64	18.83

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LTE Band41 PC3(ANT0 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	20.65	20.73	20.66	18.86
		2640.3(41093)	20.34	20.39	20.29	18.89
		2593 (40620)	20.56	20.52	20.60	18.72
		2545.8(40148)	20.60	20.62	20.58	18.78
		2498.5 (39675)	20.69	20.80	20.53	18.86
	1RB-Middle (12)	2687.5 (41565)	20.71	20.76	20.71	19.00
		2640.3(41093)	20.41	20.47	20.44	18.91
		2593 (40620)	20.74	20.84	20.72	18.86
		2545.8(40148)	20.67	20.72	20.60	19.04
		2498.5 (39675)	20.74	20.86	20.69	19.01
	1RB-Low (0)	2687.5 (41565)	20.56	20.50	20.67	18.86
		2640.3(41093)	20.34	20.51	20.30	18.95
		2593 (40620)	20.64	20.69	20.59	18.76
		2545.8(40148)	20.57	20.56	20.53	18.89
		2498.5 (39675)	20.71	20.73	20.77	18.93
	12RB-High (13)	2687.5 (41565)	20.70	20.70	20.63	18.89
		2640.3(41093)	20.33	20.31	20.32	18.92
		2593 (40620)	20.64	20.72	20.75	18.81
		2545.8(40148)	20.67	20.60	20.74	18.92
		2498.5 (39675)	20.75	20.69	20.72	18.76
	12RB-Middle (6)	2687.5 (41565)	20.71	20.60	20.62	18.92
		2640.3(41093)	20.46	20.38	20.41	18.92
		2593 (40620)	20.70	20.73	20.82	18.89
		2545.8(40148)	20.68	20.62	20.67	18.93
		2498.5 (39675)	20.77	20.79	20.79	18.80
	12RB-Low (0)	2687.5 (41565)	20.64	20.53	20.45	18.82
		2640.3(41093)	20.37	20.36	20.52	18.85
		2593 (40620)	20.64	20.65	20.69	18.86
		2545.8(40148)	20.63	20.68	20.63	18.92
		2498.5 (39675)	20.72	20.78	20.63	18.95
	25RB (0)	2687.5 (41565)	20.64	20.69	20.68	18.89
		2640.3(41093)	20.43	20.38	20.38	18.94
		2593 (40620)	20.68	20.69	20.66	18.88
		2545.8(40148)	20.66	20.67	20.62	18.83
		2498.5 (39675)	20.76	20.75	20.74	18.93

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10MHz	1RB-High (49)	2685 (41540)	20.63	20.65	20.51	18.97
		2639(41080)	20.34	20.35	20.35	19.00
		2593 (40620)	20.51	20.55	20.51	18.90
		2547(40160)	20.62	20.78	20.54	18.94
		2501 (39700)	20.61	20.56	20.47	18.78
	1RB-Middle (24)	2685 (41540)	20.58	20.71	20.63	18.95
		2639(41080)	20.40	20.50	20.33	19.00
		2593 (40620)	20.64	20.81	20.65	18.81
		2547(40160)	20.64	20.71	20.51	18.77
		2501 (39700)	20.70	20.77	20.57	18.88
	1RB-Low (0)	2685 (41540)	20.53	20.68	20.36	18.94
		2639(41080)	20.40	20.43	20.27	19.01
		2593 (40620)	20.67	20.73	20.49	19.00
		2547(40160)	20.52	20.63	20.56	18.77
		2501 (39700)	20.73	20.70	20.62	19.00
	25RB-High (25)	2685 (41540)	20.66	20.69	20.67	18.91
		2639(41080)	20.32	20.36	20.32	18.94
		2593 (40620)	20.66	20.65	20.62	18.83
		2547(40160)	20.68	20.71	20.70	18.87
		2501 (39700)	20.63	20.63	20.65	18.81
	25RB-Middle (12)	2685 (41540)	20.66	20.63	20.69	18.94
		2639(41080)	20.41	20.42	20.46	18.91
		2593 (40620)	20.70	20.69	20.72	18.91
		2547(40160)	20.67	20.78	20.72	18.89
		2501 (39700)	20.74	20.74	20.74	18.80
	25RB-Low (0)	2685 (41540)	20.64	20.65	20.66	18.85
		2639(41080)	20.41	20.45	20.46	18.95
		2593 (40620)	20.65	20.68	20.66	18.89
		2547(40160)	20.64	20.64	20.66	18.89
		2501 (39700)	20.76	20.75	20.78	18.82
	50RB (0)	2685 (41540)	20.64	20.65	20.70	18.91
		2639(41080)	20.41	20.43	20.41	18.95
		2593 (40620)	20.70	20.69	20.72	18.89
		2547(40160)	20.67	20.69	20.66	18.88
		2501 (39700)	20.70	20.69	20.71	18.80

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15MHz	1RB-High (74)	2682.5 (41515)	20.50	20.53	20.51	18.99
		2637.8(41068)	20.32	20.27	20.21	18.97
		2593 (40620)	20.43	20.54	20.36	18.99
		2548.3(40173)	20.65	20.62	20.51	18.92
		2503.5 (39725)	20.34	20.43	20.37	18.63
	1RB-Middle (37)	2682.5 (41515)	20.43	20.65	20.35	18.88
		2637.8(41068)	20.26	20.20	20.20	18.81
		2593 (40620)	20.50	20.56	20.52	18.86
		2548.3(40173)	20.54	20.48	20.48	18.78
		2503.5 (39725)	20.36	20.66	20.45	18.66
	1RB-Low (0)	2682.5 (41515)	20.40	20.52	20.42	18.82
		2637.8(41068)	20.29	20.28	20.33	18.97
		2593 (40620)	20.63	20.63	20.48	18.73
		2548.3(40173)	20.35	20.42	20.29	18.75
		2503.5 (39725)	20.57	20.52	20.59	18.71
	36RB-High (38)	2682.5 (41515)	20.48	20.52	20.49	18.83
		2637.8(41068)	20.19	20.24	20.17	18.86
		2593 (40620)	20.49	20.51	20.47	18.75
		2548.3(40173)	20.64	20.60	20.60	18.79
		2503.5 (39725)	20.45	20.50	20.51	18.66
	36RB-Middle (19)	2682.5 (41515)	20.49	20.47	20.51	18.86
		2637.8(41068)	20.26	20.29	20.27	18.89
		2593 (40620)	20.58	20.58	20.60	18.79
		2548.3(40173)	20.59	20.59	20.55	18.75
		2503.5 (39725)	20.53	20.53	20.53	18.68
	36RB-Low (0)	2682.5 (41515)	20.39	20.42	20.36	18.82
		2637.8(41068)	20.28	20.29	20.30	18.83
		2593 (40620)	20.59	20.60	20.59	18.78
		2548.3(40173)	20.46	20.46	20.48	18.79
		2503.5 (39725)	20.59	20.54	20.60	18.72
	75RB (0)	2682.5 (41515)	20.48	20.53	20.47	18.83
		2637.8(41068)	20.32	20.27	20.30	18.90
		2593 (40620)	20.57	20.59	20.58	18.75
		2548.3(40173)	20.57	20.56	20.57	18.79
		2503.5 (39725)	20.57	20.56	20.52	18.69

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20MHz	1RB-High (99)	2680 (41490)	20.73	20.75	20.75	18.96
		2636.5(41055)	20.50	20.47	20.45	18.98
		2593 (40620)	20.39	20.35	20.29	18.80
		2549.5(40185)	20.50	20.75	20.43	18.86
		2506 (39750)	20.34	20.46	20.30	18.71
	1RB-Middle (50)	2680 (41490)	20.67	20.83	20.53	18.79
		2636.5(41055)	20.35	20.32	20.41	18.93
		2593 (40620)	20.50	20.60	20.49	18.99
		2549.5(40185)	20.56	20.64	20.44	19.00
		2506 (39750)	20.60	20.59	20.48	18.93
	1RB-Low (0)	2680 (41490)	20.68	20.74	20.76	18.98
		2636.5(41055)	20.30	20.37	20.18	19.04
		2593 (40620)	20.61	20.69	20.49	18.85
		2549.5(40185)	20.46	20.50	20.42	18.98
		2506 (39750)	20.72	20.80	20.65	18.69
	50RB-High (50)	2680 (41490)	20.76	20.75	20.76	18.96
		2636.5(41055)	20.35	20.39	20.37	18.95
		2593 (40620)	20.45	20.44	20.46	18.79
		2549.5(40185)	20.60	20.57	20.62	18.83
		2506 (39750)	20.54	20.55	20.56	18.79
	50RB-Middle (25)	2680 (41490)	20.72	20.75	20.72	18.85
		2636.5(41055)	20.45	20.46	20.40	18.96
		2593 (40620)	20.53	20.52	20.54	18.86
		2549.5(40185)	20.59	20.66	20.60	18.90
		2506 (39750)	20.69	20.65	20.64	18.82
	50RB-Low (0)	2680 (41490)	20.66	20.62	20.62	18.82
		2636.5(41055)	20.39	20.41	20.40	18.87
		2593 (40620)	20.54	20.55	20.56	18.79
		2549.5(40185)	20.50	20.44	20.47	18.89
		2506 (39750)	20.62	20.63	20.58	18.72
	100RB (0)	2680 (41490)	20.75	20.70	20.71	18.93
		2636.5(41055)	20.40	20.41	20.45	18.95
		2593 (40620)	20.56	20.55	20.58	18.76
		2549.5(40185)	20.57	20.60	20.61	18.88
		2506 (39750)	20.64	20.61	20.65	18.81

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LTE Band41 PC3(ANT2 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	19.63	19.62	19.52	19.65
		2640.3(41093)	19.75	19.69	19.77	19.52
		2593 (40620)	19.65	19.62	19.58	19.78
		2545.8(40148)	19.68	19.76	19.61	19.76
		2498.5 (39675)	19.47	19.45	19.50	19.46
	1RB-Middle (12)	2687.5 (41565)	19.64	19.63	19.63	19.74
		2640.3(41093)	19.88	19.94	19.76	19.61
		2593 (40620)	19.70	19.58	19.66	19.60
		2545.8(40148)	19.77	19.33	19.65	19.77
		2498.5 (39675)	19.50	19.59	19.48	19.71
	1RB-Low (0)	2687.5 (41565)	19.58	19.54	19.67	19.70
		2640.3(41093)	19.86	19.89	19.74	19.77
		2593 (40620)	19.59	19.52	19.58	19.53
		2545.8(40148)	19.68	19.74	19.52	19.48
		2498.5 (39675)	19.49	19.39	19.33	19.75
	12RB-High (13)	2687.5 (41565)	19.67	19.59	19.62	19.68
		2640.3(41093)	19.77	19.78	19.84	19.50
		2593 (40620)	19.71	19.63	19.63	19.57
		2545.8(40148)	19.78	19.65	19.68	19.54
		2498.5 (39675)	19.50	19.49	19.50	19.58
	12RB-Middle (6)	2687.5 (41565)	19.67	19.66	19.64	19.79
		2640.3(41093)	19.90	19.87	19.88	19.62
		2593 (40620)	19.70	19.77	19.74	19.67
		2545.8(40148)	19.80	19.84	19.68	19.53
		2498.5 (39675)	19.52	19.54	19.44	19.72
	12RB-Low (0)	2687.5 (41565)	19.67	19.47	19.66	19.61
		2640.3(41093)	19.88	19.74	19.98	19.63
		2593 (40620)	19.61	19.53	19.51	19.50
		2545.8(40148)	19.76	19.78	19.72	19.69
		2498.5 (39675)	19.45	19.42	19.53	19.57
	25RB (0)	2687.5 (41565)	19.64	19.61	19.63	19.77
		2640.3(41093)	19.87	19.83	19.85	19.80
		2593 (40620)	19.68	19.65	19.65	19.74
		2545.8(40148)	19.78	19.73	19.76	19.53
		2498.5 (39675)	19.49	19.45	19.53	19.74

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10MHz	1RB-High (49)	2685 (41540)	19.58	19.59	19.56	19.68
		2639(41080)	19.80	19.68	19.74	19.71
		2593 (40620)	19.69	19.78	19.71	19.71
		2547(40160)	19.75	19.67	19.72	19.50
		2501 (39700)	19.55	19.63	19.31	19.55
	1RB-Middle (24)	2685 (41540)	19.67	19.69	19.60	19.59
		2639(41080)	19.86	19.88	19.90	19.59
		2593 (40620)	19.73	19.69	19.66	19.75
		2547(40160)	19.79	19.84	19.86	19.49
		2501 (39700)	19.48	19.49	19.48	19.72
	1RB-Low (0)	2685 (41540)	19.60	19.62	19.68	19.64
		2639(41080)	19.91	19.91	19.82	19.79
		2593 (40620)	19.69	19.71	19.66	19.66
		2547(40160)	19.73	19.81	19.65	19.52
		2501 (39700)	19.48	19.47	19.41	19.63
	25RB-High (25)	2685 (41540)	19.66	19.65	19.64	19.53
		2639(41080)	19.81	19.79	19.78	19.47
		2593 (40620)	19.70	19.63	19.67	19.66
		2547(40160)	19.81	19.79	19.78	19.74
		2501 (39700)	19.52	19.52	19.53	19.65
	25RB-Middle (12)	2685 (41540)	19.70	19.71	19.72	19.71
		2639(41080)	19.96	19.93	19.91	19.57
		2593 (40620)	19.74	19.74	19.72	19.80
		2547(40160)	19.82	19.81	19.83	19.71
		2501 (39700)	19.54	19.54	19.53	19.55
	25RB-Low (0)	2685 (41540)	19.67	19.71	19.66	19.66
		2639(41080)	19.91	19.93	19.91	19.65
		2593 (40620)	19.67	19.63	19.62	19.54
		2547(40160)	19.82	19.78	19.75	19.80
		2501 (39700)	19.56	19.51	19.51	19.57
	50RB (0)	2685 (41540)	19.66	19.69	19.65	19.76
		2639(41080)	19.93	19.92	19.89	19.75
		2593 (40620)	19.76	19.72	19.72	19.69
		2547(40160)	19.80	19.77	19.77	19.59
		2501 (39700)	19.57	19.55	19.51	19.67

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15MHz	1RB-High (74)	2682.5 (41515)	19.55	19.69	19.45	19.62
		2637.8(41068)	19.77	19.83	19.70	19.71
		2593 (40620)	19.70	19.69	19.57	19.51
		2548.3(40173)	19.63	19.61	19.45	19.46
		2503.5 (39725)	19.32	19.26	19.37	19.48
	1RB-Middle (37)	2682.5 (41515)	19.44	19.55	19.48	19.49
		2637.8(41068)	19.77	19.87	19.79	19.68
		2593 (40620)	19.52	19.59	19.51	19.68
		2548.3(40173)	19.63	19.58	19.52	19.64
		2503.5 (39725)	19.30	19.25	19.30	19.75
	1RB-Low (0)	2682.5 (41515)	19.46	19.48	19.39	19.56
		2637.8(41068)	19.83	19.90	19.83	19.55
		2593 (40620)	19.56	19.54	19.52	19.65
		2548.3(40173)	19.59	19.61	19.67	19.48
		2503.5 (39725)	19.26	19.24	19.34	19.60
	36RB-High (38)	2682.5 (41515)	19.59	19.53	19.50	19.55
		2637.8(41068)	19.75	19.69	19.67	19.64
		2593 (40620)	19.67	19.55	19.58	19.59
		2548.3(40173)	19.67	19.67	19.65	19.63
		2503.5 (39725)	19.40	19.38	19.36	19.49
	36RB-Middle (19)	2682.5 (41515)	19.58	19.53	19.51	19.52
		2637.8(41068)	19.85	19.78	19.78	19.76
		2593 (40620)	19.62	19.57	19.53	19.70
		2548.3(40173)	19.73	19.65	19.61	19.69
		2503.5 (39725)	19.39	19.43	19.39	19.79
	36RB-Low (0)	2682.5 (41515)	19.50	19.50	19.48	19.62
		2637.8(41068)	19.90	19.81	19.81	19.62
		2593 (40620)	19.58	19.49	19.53	19.45
		2548.3(40173)	19.65	19.61	19.57	19.54
		2503.5 (39725)	19.38	19.37	19.34	19.50
	75RB (0)	2682.5 (41515)	19.59	19.53	19.53	19.69
		2637.8(41068)	19.85	19.82	19.79	19.51
		2593 (40620)	19.64	19.56	19.55	19.75
		2548.3(40173)	19.70	19.63	19.69	19.69
		2503.5 (39725)	19.40	19.37	19.39	19.55

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20MHz	1RB-High (99)	2680 (41490)	19.58	19.58	19.61	19.53
		2636.5(41055)	19.69	19.83	19.69	19.73
		2593 (40620)	19.52	19.68	19.50	19.64
		2549.5(40185)	19.67	19.74	19.54	19.70
		2506 (39750)	19.42	19.44	19.30	19.66
	1RB-Middle (50)	2680 (41490)	19.42	19.66	19.37	19.54
		2636.5(41055)	19.75	20.04	19.72	19.54
		2593 (40620)	19.53	19.54	19.57	19.76
		2549.5(40185)	19.64	19.70	19.70	19.66
		2506 (39750)	19.34	19.50	19.47	19.52
	1RB-Low (0)	2680 (41490)	19.56	19.67	19.44	19.75
		2636.5(41055)	19.76	20.07	19.89	19.77
		2593 (40620)	19.79	19.66	19.62	19.52
		2549.5(40185)	19.64	19.64	19.72	19.78
		2506 (39750)	19.29	19.34	19.36	19.61
	50RB-High (50)	2680 (41490)	19.56	19.59	19.57	19.76
		2636.5(41055)	19.74	19.74	19.74	19.46
		2593 (40620)	19.65	19.66	19.63	19.56
		2549.5(40185)	19.73	19.65	19.66	19.68
		2506 (39750)	19.44	19.44	19.48	19.59
	50RB-Middle (25)	2680 (41490)	19.62	19.58	19.58	19.72
		2636.5(41055)	19.92	19.88	19.89	19.64
		2593 (40620)	19.62	19.67	19.65	19.47
		2549.5(40185)	19.78	19.68	19.69	19.61
		2506 (39750)	19.44	19.48	19.48	19.57
	50RB-Low (0)	2680 (41490)	19.51	19.51	19.47	19.77
		2636.5(41055)	19.89	19.95	19.90	19.53
		2593 (40620)	19.58	19.59	19.60	19.69
		2549.5(40185)	19.67	19.63	19.61	19.58
		2506 (39750)	19.37	19.34	19.30	19.77
	100RB (0)	2680 (41490)	19.62	19.55	19.59	19.63
		2636.5(41055)	19.87	19.85	19.86	19.71
		2593 (40620)	19.69	19.65	19.65	19.53
		2549.5(40185)	19.74	19.72	19.66	19.60
		2506 (39750)	19.47	19.45	19.48	19.72

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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)	19.18	19.19	19.01	18.94
		2640.3(41093)	19.30	19.26	19.26	18.84
		2593 (40620)	19.20	19.19	19.07	18.87
		2545.8(40148)	19.23	19.33	19.10	19.02
		2498.5 (39675)	19.03	19.02	18.99	18.86
	1RB-Middle (12)	2687.5 (41565)	19.19	19.20	19.12	19.09
		2640.3(41093)	19.43	19.50	19.25	18.90
		2593 (40620)	19.25	19.15	19.15	18.96
		2545.8(40148)	19.32	18.91	19.14	19.12
		2498.5 (39675)	19.06	19.16	18.97	18.81
	1RB-Low (0)	2687.5 (41565)	19.13	19.11	19.16	18.93
		2640.3(41093)	19.41	19.45	19.23	18.83
		2593 (40620)	19.14	19.09	19.07	18.85
		2545.8(40148)	19.23	19.31	19.01	18.93
		2498.5 (39675)	19.05	18.97	18.83	18.92
	12RB-High (13)	2687.5 (41565)	19.22	19.16	19.11	18.94
		2640.3(41093)	19.32	19.35	19.32	19.00
		2593 (40620)	19.26	19.20	19.12	19.10
		2545.8(40148)	19.33	19.22	19.17	19.19
		2498.5 (39675)	19.06	19.06	18.99	19.02
	12RB-Middle (6)	2687.5 (41565)	19.22	19.23	19.13	18.96
		2640.3(41093)	19.45	19.44	19.36	19.12
		2593 (40620)	19.25	19.34	19.23	19.11
		2545.8(40148)	19.35	19.41	19.17	18.90
		2498.5 (39675)	19.08	19.11	18.93	18.87
	12RB-Low (0)	2687.5 (41565)	19.22	19.04	19.15	18.85
		2640.3(41093)	19.43	19.31	19.46	18.81
		2593 (40620)	19.16	19.10	19.00	19.14
		2545.8(40148)	19.31	19.35	19.21	19.06
		2498.5 (39675)	19.01	19.00	19.02	19.00
	25RB (0)	2687.5 (41565)	19.19	19.18	19.12	19.12
		2640.3(41093)	19.42	19.40	19.33	18.89
		2593 (40620)	19.23	19.22	19.14	19.17
		2545.8(40148)	19.33	19.30	19.25	19.07
		2498.5 (39675)	19.05	19.02	19.02	19.04

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10MHz	1RB-High (49)	2685 (41540)	19.13	19.16	19.05	18.82
		2639(41080)	19.35	19.25	19.23	19.16
		2593 (40620)	19.24	19.35	19.20	18.87
		2547(40160)	19.30	19.24	19.21	19.19
		2501 (39700)	19.11	19.20	18.81	19.11
	1RB-Middle (24)	2685 (41540)	19.22	19.26	19.09	18.83
		2639(41080)	19.41	19.45	19.38	18.99
		2593 (40620)	19.28	19.26	19.15	19.14
		2547(40160)	19.34	19.41	19.34	18.96
		2501 (39700)	19.04	19.06	18.97	19.10
	1RB-Low (0)	2685 (41540)	19.15	19.19	19.17	18.94
		2639(41080)	19.46	19.47	19.30	19.04
		2593 (40620)	19.24	19.28	19.15	18.84
		2547(40160)	19.28	19.38	19.14	19.08
		2501 (39700)	19.04	19.04	18.91	19.00
	25RB-High (25)	2685 (41540)	19.21	19.22	19.13	18.84
		2639(41080)	19.36	19.36	19.27	18.80
		2593 (40620)	19.25	19.20	19.16	19.19
		2547(40160)	19.36	19.36	19.27	19.17
		2501 (39700)	19.08	19.09	19.02	19.03
	25RB-Middle (12)	2685 (41540)	19.25	19.28	19.21	19.15
		2639(41080)	19.51	19.49	19.39	19.09
		2593 (40620)	19.29	19.31	19.21	19.14
		2547(40160)	19.37	19.38	19.31	19.09
		2501 (39700)	19.10	19.11	19.02	18.80
	25RB-Low (0)	2685 (41540)	19.22	19.28	19.15	19.19
		2639(41080)	19.46	19.49	19.39	18.97
		2593 (40620)	19.22	19.20	19.11	18.98
		2547(40160)	19.37	19.35	19.24	18.81
		2501 (39700)	19.12	19.08	19.00	19.04
	50RB (0)	2685 (41540)	19.21	19.26	19.14	19.14
		2639(41080)	19.48	19.48	19.37	19.19
		2593 (40620)	19.31	19.29	19.21	18.96
		2547(40160)	19.35	19.34	19.26	19.15
		2501 (39700)	19.13	19.12	19.00	18.89

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15MHz	1RB-High (74)	2682.5 (41515)	19.11	19.26	18.94	19.07
		2637.8(41068)	19.32	19.40	19.19	19.08
		2593 (40620)	19.25	19.26	19.06	18.94
		2548.3(40173)	19.18	19.18	18.94	19.12
		2503.5 (39725)	18.88	18.84	18.87	19.13
	1RB-Middle (37)	2682.5 (41515)	19.00	19.12	18.97	18.90
		2637.8(41068)	19.32	19.44	19.28	18.98
		2593 (40620)	19.08	19.16	19.00	19.13
		2548.3(40173)	19.18	19.15	19.01	18.89
		2503.5 (39725)	18.86	18.83	18.80	18.93
	1RB-Low (0)	2682.5 (41515)	19.02	19.05	18.89	19.14
		2637.8(41068)	19.38	19.46	19.31	19.20
		2593 (40620)	19.12	19.11	19.01	18.90
		2548.3(40173)	19.14	19.18	19.16	19.20
		2503.5 (39725)	18.82	18.82	18.84	19.03
	36RB-High (38)	2682.5 (41515)	19.14	19.10	18.99	18.97
		2637.8(41068)	19.30	19.26	19.16	18.82
		2593 (40620)	19.22	19.12	19.07	18.97
		2548.3(40173)	19.22	19.24	19.14	18.92
		2503.5 (39725)	18.96	18.96	18.86	19.04
	36RB-Middle (19)	2682.5 (41515)	19.13	19.10	19.00	18.92
		2637.8(41068)	19.40	19.35	19.27	19.03
		2593 (40620)	19.17	19.14	19.02	19.16
		2548.3(40173)	19.28	19.22	19.10	18.87
		2503.5 (39725)	18.95	19.01	18.89	18.84
	36RB-Low (0)	2682.5 (41515)	19.06	19.07	18.97	18.96
		2637.8(41068)	19.45	19.38	19.30	19.03
		2593 (40620)	19.13	19.06	19.02	18.88
		2548.3(40173)	19.20	19.18	19.06	19.15
		2503.5 (39725)	18.94	18.95	18.84	19.13
	75RB (0)	2682.5 (41515)	19.14	19.10	19.02	18.84
		2637.8(41068)	19.40	19.39	19.28	19.06
		2593 (40620)	19.19	19.13	19.04	18.90
		2548.3(40173)	19.25	19.20	19.18	18.99
		2503.5 (39725)	18.96	18.95	18.89	19.15

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20MHz	1RB-High (99)	2680 (41490)	19.05	19.20	19.11	18.91
		2636.5(41055)	19.29	19.26	19.27	18.89
		2593 (40620)	19.12	19.16	19.03	18.99
		2549.5(40185)	19.10	19.25	18.96	19.12
		2506 (39750)	18.92	18.86	19.01	19.07
	1RB-Middle (50)	2680 (41490)	18.91	19.21	18.95	18.96
		2636.5(41055)	19.31	19.34	19.39	18.85
		2593 (40620)	19.26	19.22	19.08	18.85
		2549.5(40185)	19.05	19.16	19.09	19.06
		2506 (39750)	18.91	19.09	18.77	19.09
	1RB-Low (0)	2680 (41490)	19.11	19.18	18.98	18.88
		2636.5(41055)	19.32	19.24	19.31	18.87
		2593 (40620)	19.34	19.23	19.11	19.00
		2549.5(40185)	19.16	19.15	19.06	19.04
		2506 (39750)	18.86	18.81	18.89	19.03
	50RB-High (50)	2680 (41490)	19.08	19.09	19.02	18.89
		2636.5(41055)	19.32	19.30	19.28	19.14
		2593 (40620)	19.14	19.18	19.12	18.99
		2549.5(40185)	19.20	19.23	19.15	19.05
		2506 (39750)	18.97	18.97	18.99	19.04
	50RB-Middle (25)	2680 (41490)	19.15	19.07	19.10	19.12
		2636.5(41055)	19.44	19.43	19.41	18.88
		2593 (40620)	19.13	19.16	19.18	19.14
		2549.5(40185)	19.25	19.23	19.23	19.00
		2506 (39750)	18.99	19.02	18.96	19.02
	50RB-Low (0)	2680 (41490)	19.03	19.04	19.05	19.06
		2636.5(41055)	19.49	19.44	19.42	18.82
		2593 (40620)	19.09	19.11	19.05	19.04
		2549.5(40185)	19.18	19.19	19.14	18.96
		2506 (39750)	18.92	18.87	18.86	19.17
	100RB (0)	2680 (41490)	19.10	19.10	19.09	19.15
		2636.5(41055)	19.40	19.39	19.37	18.96
		2593 (40620)	19.16	19.17	19.16	18.90
		2549.5(40185)	19.25	19.22	19.20	18.82
		2506 (39750)	19.00	18.98	18.97	18.97

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LTE Band41 PC3(ANT5 DSI 4/5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	20.04	20.08	19.99	18.52
		2640.3(41093)	20.02	20.12	20.06	18.17
		2593 (40620)	20.05	20.13	20.09	18.58
		2545.8(40148)	19.99	20.11	19.81	18.06
		2498.5 (39675)	20.09	20.13	20.10	18.00
	1RB-Middle (12)	2687.5 (41565)	20.10	20.15	20.07	18.39
		2640.3(41093)	20.19	20.03	20.25	18.60
		2593 (40620)	20.13	20.15	20.12	18.01
		2545.8(40148)	20.05	20.17	20.08	18.41
		2498.5 (39675)	20.06	20.17	20.15	18.20
	1RB-Low (0)	2687.5 (41565)	20.05	20.11	20.05	18.01
		2640.3(41093)	20.16	20.22	20.06	18.37
		2593 (40620)	20.06	19.97	20.14	18.28
		2545.8(40148)	19.98	20.02	19.98	18.18
		2498.5 (39675)	20.03	19.97	19.98	18.42
	12RB-High (13)	2687.5 (41565)	20.08	20.03	20.09	18.42
		2640.3(41093)	20.22	20.21	20.20	18.23
		2593 (40620)	20.15	20.05	20.16	18.07
		2545.8(40148)	20.05	19.98	19.51	18.50
		2498.5 (39675)	20.08	20.06	20.01	18.27
	12RB-Middle (6)	2687.5 (41565)	20.14	20.16	20.03	18.31
		2640.3(41093)	20.21	20.20	20.25	18.13
		2593 (40620)	20.18	20.15	20.23	18.48
		2545.8(40148)	20.14	20.08	20.22	18.24
		2498.5 (39675)	20.13	20.13	20.24	18.13
	12RB-Low (0)	2687.5 (41565)	20.09	20.23	20.09	18.20
		2640.3(41093)	20.19	20.09	20.21	18.46
		2593 (40620)	20.14	20.02	20.14	18.56
		2545.8(40148)	20.06	20.10	20.04	18.48
		2498.5 (39675)	20.04	19.97	20.04	18.23
	25RB (0)	2687.5 (41565)	20.13	20.12	20.10	18.54
		2640.3(41093)	20.19	20.13	20.18	18.60
		2593 (40620)	20.11	19.68	20.10	18.05
		2545.8(40148)	20.06	20.07	20.06	18.06
		2498.5 (39675)	20.11	20.09	20.12	18.42

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10MHz	1RB-High (49)	2685 (41540)	20.03	20.23	20.04	18.55
		2639(41080)	20.12	20.19	20.13	18.08
		2593 (40620)	20.12	20.19	19.64	18.02
		2547(40160)	19.99	20.11	20.00	18.21
		2501 (39700)	20.06	20.25	20.02	18.33
	1RB-Middle (24)	2685 (41540)	20.14	20.19	20.20	18.42
		2639(41080)	20.16	20.25	20.01	18.05
		2593 (40620)	19.69	20.23	20.13	18.16
		2547(40160)	20.05	20.18	19.92	18.11
		2501 (39700)	20.09	20.14	20.05	18.16
	1RB-Low (0)	2685 (41540)	20.08	20.02	20.25	18.59
		2639(41080)	20.17	20.25	20.12	18.10
		2593 (40620)	20.06	20.13	20.00	18.39
		2547(40160)	19.99	19.93	20.07	18.53
		2501 (39700)	19.98	20.20	20.24	18.32
	25RB-High (25)	2685 (41540)	20.10	20.13	20.11	18.55
		2639(41080)	20.14	20.13	20.07	18.01
		2593 (40620)	20.18	20.18	20.17	18.19
		2547(40160)	20.13	20.03	20.07	18.33
		2501 (39700)	20.15	20.08	20.13	18.26
	25RB-Middle (12)	2685 (41540)	20.15	20.09	20.12	18.16
		2639(41080)	20.24	20.23	20.20	18.09
		2593 (40620)	20.19	20.14	20.18	18.40
		2547(40160)	20.10	20.11	20.09	18.54
		2501 (39700)	20.13	20.12	20.14	18.49
	25RB-Low (0)	2685 (41540)	20.12	20.10	20.10	18.03
		2639(41080)	20.22	20.23	20.22	18.17
		2593 (40620)	20.15	20.13	20.13	18.48
		2547(40160)	20.09	20.13	20.09	18.34
		2501 (39700)	20.07	20.11	20.11	18.02
	50RB (0)	2685 (41540)	20.14	20.12	20.11	18.12
		2639(41080)	20.19	20.20	20.23	18.58
		2593 (40620)	20.20	20.15	20.13	18.51
		2547(40160)	20.10	20.09	20.08	18.49
		2501 (39700)	20.11	20.13	20.12	18.32

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15MHz	1RB-High (74)	2682.5 (41515)	19.93	20.00	19.95	18.25
		2637.8(41068)	19.94	20.06	19.81	18.47
		2593 (40620)	19.46	19.45	19.88	18.19
		2548.3(40173)	19.83	19.93	19.92	18.58
		2503.5 (39725)	19.81	19.81	19.94	18.18
	1RB-Middle (37)	2682.5 (41515)	19.91	20.21	19.79	18.06
		2637.8(41068)	20.16	20.09	20.07	18.54
		2593 (40620)	20.04	20.11	19.80	18.24
		2548.3(40173)	19.94	20.06	20.10	18.57
		2503.5 (39725)	19.81	19.99	19.80	18.54
	1RB-Low (0)	2682.5 (41515)	19.90	19.98	19.90	18.04
		2637.8(41068)	20.16	19.93	20.07	18.46
		2593 (40620)	19.96	19.93	19.88	18.14
		2548.3(40173)	19.87	19.94	19.86	18.47
		2503.5 (39725)	19.84	19.82	19.85	18.54
	36RB-High (38)	2682.5 (41515)	19.99	19.93	20.00	18.43
		2637.8(41068)	19.99	20.01	19.96	18.29
		2593 (40620)	20.00	20.03	20.04	18.00
		2548.3(40173)	19.95	19.95	19.97	18.06
		2503.5 (39725)	20.00	19.95	19.99	18.51
	36RB-Middle (19)	2682.5 (41515)	20.00	19.97	20.01	18.44
		2637.8(41068)	20.08	20.10	20.13	18.29
		2593 (40620)	20.04	20.02	20.05	18.23
		2548.3(40173)	19.93	19.97	19.98	18.27
		2503.5 (39725)	19.94	19.98	20.02	18.60
	36RB-Low (0)	2682.5 (41515)	20.00	20.00	20.04	18.12
		2637.8(41068)	20.09	20.06	20.08	18.17
		2593 (40620)	19.49	19.97	19.98	18.56
		2548.3(40173)	19.88	19.90	19.90	18.55
		2503.5 (39725)	19.96	19.95	20.02	18.10
	75RB (0)	2682.5 (41515)	19.96	19.97	20.01	18.52
		2637.8(41068)	20.10	20.11	20.11	18.06
		2593 (40620)	19.54	20.04	20.02	18.30
		2548.3(40173)	19.93	19.96	19.96	18.43
		2503.5 (39725)	19.96	19.99	20.00	18.06

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20MHz	1RB-High (99)	2680 (41490)	19.87	19.94	19.84	18.55
		2636.5(41055)	19.99	20.17	19.98	18.29
		2593 (40620)	19.86	19.83	19.85	18.49
		2549.5(40185)	19.87	19.95	19.68	18.52
		2506 (39750)	19.77	20.08	19.81	18.53
	1RB-Middle (50)	2680 (41490)	19.84	20.04	19.88	18.28
		2636.5(41055)	19.99	20.10	20.04	18.33
		2593 (40620)	19.86	19.99	19.89	18.04
		2549.5(40185)	19.92	20.17	19.87	18.03
		2506 (39750)	19.76	19.92	19.89	18.06
	1RB-Low (0)	2680 (41490)	20.02	19.92	19.97	18.38
		2636.5(41055)	20.09	20.00	20.21	18.04
		2593 (40620)	19.88	20.12	19.92	18.16
		2549.5(40185)	19.88	20.06	19.92	18.08
		2506 (39750)	19.82	19.99	19.63	18.45
	50RB-High (50)	2680 (41490)	19.93	19.96	19.99	18.43
		2636.5(41055)	20.04	19.99	20.03	18.45
		2593 (40620)	19.97	19.97	19.98	18.48
		2549.5(40185)	19.97	20.01	20.03	18.48
		2506 (39750)	19.91	19.93	19.93	18.03
	50RB-Middle (25)	2680 (41490)	20.00	19.97	20.03	18.50
		2636.5(41055)	20.17	20.14	20.14	18.03
		2593 (40620)	19.97	20.02	19.93	18.33
		2549.5(40185)	20.00	20.04	20.03	18.31
		2506 (39750)	19.95	19.95	19.95	18.17
	50RB-Low (0)	2680 (41490)	19.96	19.99	20.00	18.41
		2636.5(41055)	20.10	20.13	20.15	18.52
		2593 (40620)	19.91	19.90	19.90	18.04
		2549.5(40185)	19.92	19.97	19.99	18.19
		2506 (39750)	19.82	19.86	19.83	18.29
	100RB (0)	2680 (41490)	19.99	19.98	19.95	18.34
		2636.5(41055)	20.04	20.02	20.06	18.20
		2593 (40620)	19.92	19.96	19.97	18.09
		2549.5(40185)	19.98	19.98	20.00	18.02
		2506 (39750)	19.90	19.91	19.89	18.19

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LTE Band41 PC3(ANT5 DSI 9/10/14/15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	18.00	18.03	18.10	17.82
		2640.3(41093)	18.08	18.13	18.06	18.06
		2593 (40620)	18.09	17.98	17.99	18.09
		2545.8(40148)	17.93	18.01	18.04	18.18
		2498.5 (39675)	18.03	18.05	18.10	18.04
	1RB-Middle (12)	2687.5 (41565)	18.13	18.20	18.15	18.07
		2640.3(41093)	18.19	18.22	18.23	17.96
		2593 (40620)	18.13	18.16	18.13	17.93
		2545.8(40148)	18.01	18.21	17.96	18.11
		2498.5 (39675)	18.07	18.20	18.05	18.19
	1RB-Low (0)	2687.5 (41565)	18.01	18.04	18.10	18.04
		2640.3(41093)	18.13	18.17	18.02	17.84
		2593 (40620)	18.01	18.11	17.54	18.02
		2545.8(40148)	17.86	18.02	17.88	17.90
		2498.5 (39675)	18.00	18.04	17.99	17.95
	12RB-High (13)	2687.5 (41565)	18.05	18.04	18.06	18.09
		2640.3(41093)	18.12	18.27	18.21	18.06
		2593 (40620)	18.10	18.10	18.13	17.83
		2545.8(40148)	18.03	18.10	17.95	17.88
		2498.5 (39675)	18.07	18.11	18.02	18.16
	12RB-Middle (6)	2687.5 (41565)	18.11	18.12	18.13	18.09
		2640.3(41093)	18.20	18.16	18.10	17.81
		2593 (40620)	18.15	18.24	18.05	17.96
		2545.8(40148)	18.06	18.06	17.56	18.18
		2498.5 (39675)	18.11	18.16	18.08	17.89
	12RB-Low (0)	2687.5 (41565)	18.07	18.18	18.10	17.90
		2640.3(41093)	18.16	18.06	18.13	18.11
		2593 (40620)	18.10	18.11	18.23	18.15
		2545.8(40148)	18.03	18.10	18.11	17.96
		2498.5 (39675)	18.01	18.17	18.03	17.97
	25RB (0)	2687.5 (41565)	18.07	18.12	18.11	18.16
		2640.3(41093)	18.18	18.13	18.20	17.94
		2593 (40620)	18.12	18.15	18.08	17.95
		2545.8(40148)	18.04	18.06	18.06	18.00
		2498.5 (39675)	18.06	18.09	18.09	18.01

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10MHz	1RB-High (49)	2685 (41540)	18.09	18.13	18.13	17.85
		2639(41080)	18.06	18.19	18.11	18.18
		2593 (40620)	18.10	18.27	18.12	18.20
		2547(40160)	18.03	18.00	18.04	18.09
		2501 (39700)	18.03	18.12	18.11	17.81
	1RB-Middle (24)	2685 (41540)	18.09	18.17	18.05	18.05
		2639(41080)	18.20	18.01	18.24	18.17
		2593 (40620)	18.09	18.23	18.06	17.89
		2547(40160)	17.99	18.09	18.11	17.88
		2501 (39700)	18.06	18.13	18.07	18.13
	1RB-Low (0)	2685 (41540)	18.07	17.93	17.99	18.17
		2639(41080)	18.14	18.26	18.06	17.82
		2593 (40620)	18.09	18.18	18.07	18.11
		2547(40160)	17.98	18.13	17.97	17.92
		2501 (39700)	18.00	18.09	17.91	17.97
	25RB-High (25)	2685 (41540)	18.14	18.09	18.11	18.16
		2639(41080)	18.11	18.11	18.15	17.87
		2593 (40620)	17.68	18.16	18.15	17.82
		2547(40160)	18.06	18.08	18.09	18.17
		2501 (39700)	18.13	18.13	18.14	18.20
	25RB-Middle (12)	2685 (41540)	18.17	18.14	18.16	18.19
		2639(41080)	18.25	18.22	18.24	17.95
		2593 (40620)	18.19	18.18	18.14	18.20
		2547(40160)	18.12	18.14	17.65	18.03
		2501 (39700)	18.13	18.14	18.13	18.20
	25RB-Low (0)	2685 (41540)	18.11	18.09	18.14	17.84
		2639(41080)	18.23	18.20	18.22	18.13
		2593 (40620)	18.15	18.17	18.13	17.95
		2547(40160)	18.08	18.13	18.05	17.80
		2501 (39700)	18.09	18.15	18.12	17.84
	50RB (0)	2685 (41540)	18.12	18.14	18.15	18.20
		2639(41080)	18.23	18.22	18.26	18.17
		2593 (40620)	18.13	18.18	18.12	18.07
		2547(40160)	18.11	18.09	18.07	18.05
		2501 (39700)	18.06	18.11	18.09	17.84

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15MHz	1RB-High (74)	2682.5 (41515)	17.89	17.89	17.86	17.94
		2637.8(41068)	18.03	18.02	17.88	17.98
		2593 (40620)	18.01	18.08	17.91	17.84
		2548.3(40173)	17.87	18.03	17.86	17.84
		2503.5 (39725)	17.77	17.88	17.80	17.85
	1RB-Middle (37)	2682.5 (41515)	17.85	17.89	17.91	17.94
		2637.8(41068)	17.95	18.05	17.86	18.11
		2593 (40620)	17.93	17.95	17.79	17.86
		2548.3(40173)	17.88	17.83	17.79	18.15
		2503.5 (39725)	17.93	17.92	17.91	18.08
	1RB-Low (0)	2682.5 (41515)	17.87	17.97	17.83	18.04
		2637.8(41068)	18.17	17.99	17.99	17.82
		2593 (40620)	17.91	17.98	17.73	18.13
		2548.3(40173)	17.78	17.99	18.01	17.91
		2503.5 (39725)	17.81	17.89	17.77	17.99
	36RB-High (38)	2682.5 (41515)	17.98	17.99	17.99	18.02
		2637.8(41068)	17.93	17.96	18.01	18.16
		2593 (40620)	18.00	18.00	18.02	18.06
		2548.3(40173)	17.92	17.94	17.92	18.17
		2503.5 (39725)	17.94	17.97	17.99	17.88
	36RB-Middle (19)	2682.5 (41515)	17.97	18.02	17.96	17.96
		2637.8(41068)	18.07	18.09	18.10	17.86
		2593 (40620)	18.01	18.00	18.02	18.18
		2548.3(40173)	17.93	17.94	17.50	18.00
		2503.5 (39725)	17.94	18.01	18.01	18.16
	36RB-Low (0)	2682.5 (41515)	17.97	18.06	18.03	17.88
		2637.8(41068)	18.08	18.09	18.09	18.01
		2593 (40620)	17.91	17.95	18.00	18.16
		2548.3(40173)	17.87	17.86	17.86	18.10
		2503.5 (39725)	17.94	17.95	17.95	18.16
	75RB (0)	2682.5 (41515)	18.02	17.98	17.99	17.88
		2637.8(41068)	18.07	18.08	18.08	18.00
		2593 (40620)	17.53	18.02	18.01	18.04
		2548.3(40173)	17.93	17.98	17.94	18.10
		2503.5 (39725)	17.97	17.93	17.97	18.11

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20MHz	1RB-High (99)	2680 (41490)	17.90	18.00	17.94	17.87
		2636.5(41055)	18.08	18.13	17.98	17.99
		2593 (40620)	17.84	17.88	17.81	18.13
		2549.5(40185)	17.83	17.75	17.59	18.19
		2506 (39750)	17.85	17.84	17.80	18.11
	1RB-Middle (50)	2680 (41490)	17.88	17.91	17.82	18.07
		2636.5(41055)	18.01	18.07	17.95	18.04
		2593 (40620)	17.81	18.15	17.91	18.03
		2549.5(40185)	17.86	17.87	17.90	17.99
		2506 (39750)	17.79	17.89	17.75	17.88
	1RB-Low (0)	2680 (41490)	17.81	18.04	17.86	18.00
		2636.5(41055)	18.06	18.19	17.99	18.09
		2593 (40620)	17.93	17.93	17.84	17.89
		2549.5(40185)	17.88	17.99	18.02	17.91
		2506 (39750)	17.76	17.70	17.67	17.93
	50RB-High (50)	2680 (41490)	17.95	17.95	17.92	17.94
		2636.5(41055)	18.03	18.03	17.99	17.86
		2593 (40620)	17.91	17.98	17.91	18.08
		2549.5(40185)	17.96	17.97	17.99	18.05
		2506 (39750)	17.87	17.93	17.94	17.81
	50RB-Middle (25)	2680 (41490)	17.95	17.96	17.97	18.18
		2636.5(41055)	18.12	18.14	18.14	18.14
		2593 (40620)	17.93	18.00	17.98	18.12
		2549.5(40185)	18.04	18.04	18.07	18.02
		2506 (39750)	17.86	17.90	17.89	17.82
	50RB-Low (0)	2680 (41490)	17.98	18.01	17.99	18.09
		2636.5(41055)	18.14	18.18	18.13	18.15
		2593 (40620)	17.83	17.92	17.92	17.80
		2549.5(40185)	17.98	17.98	17.97	17.91
		2506 (39750)	17.84	17.87	17.90	17.86
	100RB (0)	2680 (41490)	17.94	17.96	18.02	18.02
		2636.5(41055)	18.04	18.03	18.01	17.92
		2593 (40620)	17.96	17.95	18.00	18.06
		2549.5(40185)	17.99	17.99	17.99	17.92
		2506 (39750)	17.91	17.88	17.93	18.05

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LTE Band41 PC3(ANT6 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	22.08	21.43	20.89	17.79
		2640.3(41093)	22.19	21.51	20.97	17.60
		2593 (40620)	22.08	21.46	20.91	17.99
		2545.8(40148)	22.17	21.46	21.00	17.69
		2498.5 (39675)	22.09	21.51	20.95	17.92
	1RB-Middle (12)	2687.5 (41565)	22.19	21.51	20.94	17.81
		2640.3(41093)	22.28	21.80	21.15	17.92
		2593 (40620)	22.18	21.61	21.16	17.92
		2545.8(40148)	22.22	21.74	21.07	17.57
		2498.5 (39675)	22.15	21.69	21.12	17.85
	1RB-Low (0)	2687.5 (41565)	22.12	21.43	21.04	17.68
		2640.3(41093)	22.22	21.69	21.07	17.59
		2593 (40620)	22.05	21.43	20.94	18.00
		2545.8(40148)	22.22	21.47	21.00	17.76
		2498.5 (39675)	22.15	21.58	20.86	17.67
	12RB-High (13)	2687.5 (41565)	21.46	20.46	19.51	17.65
		2640.3(41093)	21.59	20.59	19.53	17.77
		2593 (40620)	21.47	20.49	19.53	17.74
		2545.8(40148)	21.58	20.70	19.54	17.78
		2498.5 (39675)	21.48	20.45	19.56	17.98
	12RB-Middle (6)	2687.5 (41565)	21.47	20.46	19.49	17.65
		2640.3(41093)	21.62	20.61	19.62	18.00
		2593 (40620)	21.53	20.59	19.60	18.00
		2545.8(40148)	21.60	20.60	19.66	17.63
		2498.5 (39675)	21.52	20.59	19.58	17.59
	12RB-Low (0)	2687.5 (41565)	21.47	20.54	19.44	18.00
		2640.3(41093)	21.58	20.60	19.69	17.69
		2593 (40620)	21.47	20.57	19.63	17.97
		2545.8(40148)	21.55	20.50	19.55	17.95
		2498.5 (39675)	21.44	20.39	19.39	17.90
	25RB (0)	2687.5 (41565)	21.45	20.44	19.50	17.79
		2640.3(41093)	21.57	20.58	19.56	17.55
		2593 (40620)	21.48	20.50	19.49	17.50
		2545.8(40148)	21.54	20.58	19.59	17.65
		2498.5 (39675)	21.49	20.50	19.49	17.94

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10MHz	1RB-High (49)	2685 (41540)	22.12	21.52	20.91	17.54
		2639(41080)	22.14	21.52	21.02	17.62
		2593 (40620)	22.19	21.63	20.90	17.75
		2547(40160)	22.14	21.66	20.80	17.60
		2501 (39700)	22.11	21.40	20.87	17.81
	1RB-Middle (24)	2685 (41540)	22.15	21.42	20.83	17.72
		2639(41080)	22.27	21.76	21.05	17.96
		2593 (40620)	22.14	21.46	20.91	17.53
		2547(40160)	22.27	21.47	20.97	17.53
		2501 (39700)	22.14	21.55	20.86	17.71
	1RB-Low (0)	2685 (41540)	22.13	21.53	20.86	17.77
		2639(41080)	22.33	21.79	20.95	17.90
		2593 (40620)	22.12	21.52	20.88	17.58
		2547(40160)	22.19	21.54	21.03	17.74
		2501 (39700)	22.19	21.47	20.86	17.57
	25RB-High (25)	2685 (41540)	21.48	20.48	19.50	17.54
		2639(41080)	21.52	20.54	19.56	17.50
		2593 (40620)	21.54	20.53	19.56	17.56
		2547(40160)	21.54	20.63	19.55	17.86
		2501 (39700)	21.45	20.51	19.52	17.82
	25RB-Middle (12)	2685 (41540)	21.52	20.49	19.51	17.93
		2639(41080)	21.66	20.71	19.61	17.80
		2593 (40620)	21.55	20.52	19.56	17.83
		2547(40160)	21.61	20.60	19.58	17.80
		2501 (39700)	21.47	20.54	19.49	17.72
	25RB-Low (0)	2685 (41540)	21.48	20.49	19.47	17.79
		2639(41080)	21.66	20.63	19.63	17.91
		2593 (40620)	21.53	20.61	19.52	17.77
		2547(40160)	21.55	20.65	19.61	17.64
		2501 (39700)	21.50	20.54	19.50	17.82
	50RB (0)	2685 (41540)	21.47	20.52	19.46	17.78
		2639(41080)	21.63	20.65	19.62	17.51
		2593 (40620)	21.54	20.52	19.51	17.69
		2547(40160)	21.58	20.60	19.56	17.74
		2501 (39700)	21.49	20.51	19.46	17.73

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15MHz	1RB-High (74)	2682.5 (41515)	22.01	21.32	20.82	17.68
		2637.8(41068)	22.10	21.44	20.93	17.98
		2593 (40620)	22.03	21.41	20.77	17.61
		2548.3(40173)	21.99	21.46	20.81	17.52
		2503.5 (39725)	21.85	21.22	20.72	17.87
	1RB-Middle (37)	2682.5 (41515)	21.89	21.41	20.72	17.59
		2637.8(41068)	22.10	21.55	20.90	17.84
		2593 (40620)	22.05	21.73	20.81	17.62
		2548.3(40173)	22.03	21.35	20.96	17.64
		2503.5 (39725)	21.93	21.83	20.75	17.52
	1RB-Low (0)	2682.5 (41515)	21.88	21.36	20.69	17.57
		2637.8(41068)	22.30	21.47	20.96	17.75
		2593 (40620)	21.93	21.32	20.76	17.65
		2548.3(40173)	22.25	21.36	20.88	17.91
		2503.5 (39725)	21.93	21.25	20.91	18.00
	36RB-High (38)	2682.5 (41515)	21.34	20.38	19.34	17.85
		2637.8(41068)	21.44	20.39	19.45	17.99
		2593 (40620)	21.41	20.40	19.48	17.54
		2548.3(40173)	21.41	20.45	19.42	17.87
		2503.5 (39725)	21.32	20.33	19.32	17.87
	36RB-Middle (19)	2682.5 (41515)	21.36	20.33	19.37	17.72
		2637.8(41068)	21.51	20.51	19.53	17.78
		2593 (40620)	21.43	20.45	19.44	17.78
		2548.3(40173)	21.47	20.50	19.44	17.94
		2503.5 (39725)	21.37	20.34	19.36	17.62
	36RB-Low (0)	2682.5 (41515)	21.41	20.39	19.35	17.88
		2637.8(41068)	21.55	20.59	19.56	17.72
		2593 (40620)	21.36	20.35	19.38	17.66
		2548.3(40173)	21.44	20.43	19.44	17.94
		2503.5 (39725)	21.39	20.38	19.36	17.70
	75RB (0)	2682.5 (41515)	21.36	20.37	19.37	17.69
		2637.8(41068)	21.51	20.54	19.54	17.66
		2593 (40620)	21.40	20.42	19.45	17.95
		2548.3(40173)	21.49	20.48	19.47	17.67
		2503.5 (39725)	21.33	20.41	19.37	17.54

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20MHz	1RB-High (99)	2680 (41490)	21.97	21.35	20.90	17.71
		2636.5(41055)	22.06	21.46	20.90	17.65
		2593 (40620)	21.96	21.47	20.83	17.78
		2549.5(40185)	21.93	21.48	20.85	17.98
		2506 (39750)	21.91	21.20	20.66	17.83
	1RB-Middle (50)	2680 (41490)	21.96	21.28	21.17	17.81
		2636.5(41055)	22.09	21.53	20.95	17.93
		2593 (40620)	22.00	21.52	21.08	17.77
		2549.5(40185)	22.04	21.86	21.17	17.64
		2506 (39750)	22.01	21.29	20.82	17.60
	1RB-Low (0)	2680 (41490)	22.13	21.56	20.79	17.69
		2636.5(41055)	22.27	21.66	20.99	17.64
		2593 (40620)	22.16	21.55	21.13	17.93
		2549.5(40185)	22.13	21.48	20.97	17.69
		2506 (39750)	21.94	21.29	20.88	17.52
	50RB-High (50)	2680 (41490)	21.57	20.35	19.37	17.79
		2636.5(41055)	21.57	20.42	19.43	17.98
		2593 (40620)	21.62	20.42	19.41	17.61
		2549.5(40185)	21.63	20.42	19.42	17.89
		2506 (39750)	21.55	20.36	19.37	18.00
	50RB-Middle (25)	2680 (41490)	21.57	20.37	19.38	18.00
		2636.5(41055)	21.74	20.54	19.54	17.60
		2593 (40620)	21.63	20.42	19.45	17.76
		2549.5(40185)	21.65	20.50	19.48	17.90
		2506 (39750)	21.59	20.37	19.36	17.89
	50RB-Low (0)	2680 (41490)	21.55	20.39	19.41	17.62
		2636.5(41055)	21.85	20.63	19.61	17.97
		2593 (40620)	21.56	20.36	19.37	17.84
		2549.5(40185)	21.64	20.45	19.45	17.57
		2506 (39750)	21.53	20.31	19.31	17.64
	100RB (0)	2680 (41490)	21.55	20.33	19.39	17.93
		2636.5(41055)	21.65	20.48	19.44	17.67
		2593 (40620)	21.59	20.44	19.44	17.89
		2549.5(40185)	21.71	20.45	19.51	17.74
		2506 (39750)	21.59	20.39	19.36	17.81

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LTE Band41 PC3(ANT6 DSI 5/9/10/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	20.15	20.12	20.16	17.68
		2640.3(41093)	20.13	20.18	20.04	17.75
		2593 (40620)	20.10	20.15	20.01	17.68
		2545.8(40148)	20.15	20.25	20.12	17.78
		2498.5 (39675)	20.10	20.15	20.13	17.50
	1RB-Middle (12)	2687.5 (41565)	20.10	20.19	20.13	17.50
		2640.3(41093)	20.30	20.25	20.28	17.72
		2593 (40620)	20.25	20.47	20.14	17.74
		2545.8(40148)	20.26	20.31	20.26	17.76
		2498.5 (39675)	20.19	20.37	20.26	17.56
	1RB-Low (0)	2687.5 (41565)	20.05	20.09	20.01	17.69
		2640.3(41093)	20.19	20.29	20.10	17.65
		2593 (40620)	20.10	20.15	20.15	17.64
		2545.8(40148)	20.15	20.15	20.18	17.60
		2498.5 (39675)	20.17	20.30	20.19	17.87
	12RB-High (13)	2687.5 (41565)	20.13	20.18	20.11	17.69
		2640.3(41093)	20.28	20.25	20.20	17.86
		2593 (40620)	20.18	20.20	20.33	17.68
		2545.8(40148)	20.23	20.23	20.19	17.78
		2498.5 (39675)	20.20	20.27	20.23	17.54
	12RB-Middle (6)	2687.5 (41565)	20.14	20.16	20.16	17.74
		2640.3(41093)	20.31	20.21	20.41	17.86
		2593 (40620)	20.22	20.31	20.24	17.71
		2545.8(40148)	20.28	20.36	20.33	17.59
		2498.5 (39675)	20.23	20.26	20.29	17.71
	12RB-Low (0)	2687.5 (41565)	20.13	20.15	20.21	17.65
		2640.3(41093)	20.29	20.37	20.37	17.78
		2593 (40620)	20.17	20.26	20.25	17.61
		2545.8(40148)	20.29	20.29	20.33	17.50
		2498.5 (39675)	20.16	20.17	20.00	17.89
	25RB (0)	2687.5 (41565)	20.19	20.21	20.16	17.75
		2640.3(41093)	20.25	20.25	20.30	17.80
		2593 (40620)	20.17	20.16	20.20	17.63
		2545.8(40148)	20.22	20.24	20.23	17.79
		2498.5 (39675)	20.25	20.23	20.22	17.67

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10MHz	1RB-High (49)	2685 (41540)	20.06	20.25	20.15	17.52
		2639(41080)	20.18	20.30	20.08	17.51
		2593 (40620)	20.15	20.17	20.07	17.68
		2547(40160)	20.18	20.22	20.29	17.57
		2501 (39700)	20.09	20.24	19.90	17.72
	1RB-Middle (24)	2685 (41540)	20.09	20.21	20.05	17.69
		2639(41080)	20.20	20.28	20.18	17.89
		2593 (40620)	20.12	20.29	20.15	17.66
		2547(40160)	20.23	20.38	20.21	17.52
		2501 (39700)	20.15	20.21	20.02	17.82
	1RB-Low (0)	2685 (41540)	20.05	20.03	20.13	17.78
		2639(41080)	20.25	20.37	20.21	17.74
		2593 (40620)	20.08	20.10	20.10	17.65
		2547(40160)	20.17	20.40	20.22	17.57
		2501 (39700)	20.14	20.41	20.26	17.66
	25RB-High (25)	2685 (41540)	20.15	20.13	20.19	17.57
		2639(41080)	20.24	20.21	20.22	17.51
		2593 (40620)	20.17	20.22	20.23	17.90
		2547(40160)	20.26	20.23	20.27	17.79
		2501 (39700)	20.14	20.19	20.19	17.57
	25RB-Middle (12)	2685 (41540)	20.22	20.18	20.21	17.67
		2639(41080)	20.34	20.35	20.34	17.50
		2593 (40620)	20.20	20.25	20.24	17.62
		2547(40160)	20.28	20.30	20.30	17.89
		2501 (39700)	20.17	20.26	20.20	17.68
	25RB-Low (0)	2685 (41540)	20.15	20.16	20.15	17.84
		2639(41080)	20.33	20.29	20.33	17.60
		2593 (40620)	20.22	20.21	20.24	17.52
		2547(40160)	20.27	20.28	20.33	17.76
		2501 (39700)	20.23	20.22	20.21	17.80
	50RB (0)	2685 (41540)	20.16	20.19	20.17	17.82
		2639(41080)	20.28	20.33	20.35	17.85
		2593 (40620)	20.22	20.26	20.24	17.83
		2547(40160)	20.28	20.29	20.31	17.90
		2501 (39700)	20.18	20.18	20.22	17.60

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15MHz	1RB-High (74)	2682.5 (41515)	19.93	20.04	20.12	17.54
		2637.8(41068)	20.04	20.12	20.05	17.62
		2593 (40620)	19.99	20.07	20.19	17.60
		2548.3(40173)	20.03	19.93	20.10	17.83
		2503.5 (39725)	20.00	19.91	19.82	17.60
	1RB-Middle (37)	2682.5 (41515)	19.92	20.00	20.12	17.67
		2637.8(41068)	20.04	20.24	20.00	17.78
		2593 (40620)	20.07	19.94	19.98	17.67
		2548.3(40173)	20.09	20.02	20.31	17.59
		2503.5 (39725)	19.86	19.84	19.90	17.70
	1RB-Low (0)	2682.5 (41515)	19.97	20.03	20.00	17.78
		2637.8(41068)	20.14	20.21	20.05	17.78
		2593 (40620)	19.95	20.14	20.16	17.72
		2548.3(40173)	20.13	20.09	19.91	17.70
		2503.5 (39725)	19.94	19.89	19.94	17.63
	36RB-High (38)	2682.5 (41515)	20.04	20.05	20.10	17.53
		2637.8(41068)	20.09	20.11	20.07	17.88
		2593 (40620)	20.07	20.12	20.11	17.87
		2548.3(40173)	20.15	20.16	20.18	17.82
		2503.5 (39725)	20.04	19.94	19.97	17.70
	36RB-Middle (19)	2682.5 (41515)	20.02	20.02	20.08	17.53
		2637.8(41068)	20.21	20.14	20.20	17.78
		2593 (40620)	20.10	20.14	20.11	17.74
		2548.3(40173)	20.13	20.14	20.16	17.55
		2503.5 (39725)	20.01	20.05	20.02	17.81
	36RB-Low (0)	2682.5 (41515)	20.02	20.09	20.04	17.76
		2637.8(41068)	20.26	20.23	20.28	17.76
		2593 (40620)	20.02	20.05	20.06	17.64
		2548.3(40173)	20.08	20.11	20.13	17.82
		2503.5 (39725)	20.02	19.99	20.08	17.50
	75RB (0)	2682.5 (41515)	20.03	20.02	20.07	17.76
		2637.8(41068)	20.22	20.21	20.20	17.62
		2593 (40620)	20.12	20.10	20.11	17.90
		2548.3(40173)	20.13	20.14	20.22	17.81
		2503.5 (39725)	20.03	20.01	20.04	17.70

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20MHz	1RB-High (99)	2680 (41490)	20.05	20.21	20.05	17.62
		2636.5(41055)	20.07	20.10	20.03	17.84
		2593 (40620)	19.97	19.95	19.85	17.76
		2549.5(40185)	19.93	20.00	19.89	17.72
		2506 (39750)	19.98	20.02	19.74	17.89
	1RB-Middle (50)	2680 (41490)	19.98	20.25	19.84	17.64
		2636.5(41055)	20.09	20.41	20.12	17.63
		2593 (40620)	20.03	20.59	20.15	17.51
		2549.5(40185)	20.06	20.40	19.86	17.82
		2506 (39750)	19.90	20.01	19.92	17.70
	1RB-Low (0)	2680 (41490)	20.10	20.11	20.07	17.60
		2636.5(41055)	20.29	20.36	20.18	17.66
		2593 (40620)	20.07	20.10	19.96	17.80
		2549.5(40185)	20.08	20.18	20.07	17.73
		2506 (39750)	20.02	19.96	19.93	17.67
	50RB-High (50)	2680 (41490)	20.07	20.07	19.35	17.77
		2636.5(41055)	20.13	20.12	19.43	17.54
		2593 (40620)	20.09	20.11	19.43	17.59
		2549.5(40185)	20.08	20.10	19.38	17.65
		2506 (39750)	20.02	20.02	19.35	17.71
	50RB-Middle (25)	2680 (41490)	20.04	20.10	19.36	17.58
		2636.5(41055)	20.24	20.22	19.54	17.83
		2593 (40620)	20.12	20.11	19.39	17.71
		2549.5(40185)	20.16	20.22	19.46	17.75
		2506 (39750)	20.02	20.04	19.40	17.81
	50RB-Low (0)	2680 (41490)	20.05	20.09	19.37	17.72
		2636.5(41055)	20.29	20.27	19.60	17.54
		2593 (40620)	20.03	20.11	19.34	17.71
		2549.5(40185)	20.10	20.14	19.40	17.69
		2506 (39750)	19.96	19.98	19.31	17.64
	100RB (0)	2680 (41490)	20.05	20.07	19.39	17.89
		2636.5(41055)	20.18	20.16	19.44	17.69
		2593 (40620)	20.11	20.14	19.39	17.58
		2549.5(40185)	20.11	20.18	19.45	17.90
		2506 (39750)	20.04	20.01	19.37	17.56

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LTE Band41 PC3(ANT6 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	2687.5 (41565)	19.58	19.69	19.43	17.81
		2640.3(41093)	19.68	19.72	19.59	17.65
		2593 (40620)	19.53	19.66	19.54	17.62
		2545.8(40148)	19.66	19.76	19.60	17.59
		2498.5 (39675)	19.53	19.80	19.71	17.72
	1RB-Middle (12)	2687.5 (41565)	19.58	19.77	19.68	17.65
		2640.3(41093)	19.83	20.02	19.72	17.73
		2593 (40620)	19.71	19.87	19.65	17.98
		2545.8(40148)	19.70	19.90	19.89	17.52
		2498.5 (39675)	19.68	19.56	19.59	17.64
	1RB-Low (0)	2687.5 (41565)	19.56	19.75	19.47	17.55
		2640.3(41093)	19.72	19.82	19.72	17.87
		2593 (40620)	19.56	19.71	19.54	17.55
		2545.8(40148)	19.62	19.71	19.66	17.83
		2498.5 (39675)	19.70	19.50	19.79	17.79
	12RB-High (13)	2687.5 (41565)	19.66	19.64	19.68	17.81
		2640.3(41093)	19.75	19.75	19.85	17.52
		2593 (40620)	19.69	19.79	19.79	17.66
		2545.8(40148)	19.74	19.69	19.40	17.95
		2498.5 (39675)	19.66	19.56	19.43	17.70
	12RB-Middle (6)	2687.5 (41565)	19.67	19.69	19.72	17.83
		2640.3(41093)	19.80	19.84	19.75	17.98
		2593 (40620)	19.68	19.85	19.64	17.51
		2545.8(40148)	19.76	19.79	19.50	17.89
		2498.5 (39675)	19.72	19.72	19.50	17.80
	12RB-Low (0)	2687.5 (41565)	19.64	19.72	19.75	17.92
		2640.3(41093)	19.77	19.86	19.78	17.73
		2593 (40620)	19.69	19.66	19.74	17.81
		2545.8(40148)	19.72	19.83	19.54	17.94
		2498.5 (39675)	19.58	19.56	19.45	17.60
	25RB (0)	2687.5 (41565)	19.63	19.73	19.69	17.66
		2640.3(41093)	19.79	19.78	19.77	17.92
		2593 (40620)	19.67	19.76	19.48	17.99
		2545.8(40148)	19.75	19.76	19.53	17.97
		2498.5 (39675)	19.67	19.68	19.48	17.52

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10MHz	1RB-High (49)	2685 (41540)	19.61	19.64	19.56	17.95
		2639(41080)	19.70	19.75	19.54	17.61
		2593 (40620)	19.57	19.79	19.44	17.69
		2547(40160)	19.65	19.59	19.66	17.81
		2501 (39700)	19.51	19.56	19.49	17.72
	1RB-Middle (24)	2685 (41540)	19.62	19.56	19.54	17.95
		2639(41080)	19.85	19.84	19.82	17.71
		2593 (40620)	19.67	19.70	19.55	17.52
		2547(40160)	19.67	19.68	19.77	17.85
		2501 (39700)	19.61	19.51	19.56	17.89
	1RB-Low (0)	2685 (41540)	19.59	19.65	19.56	17.90
		2639(41080)	19.80	19.92	19.71	17.83
		2593 (40620)	19.56	19.66	19.51	17.87
		2547(40160)	19.66	19.64	19.70	17.74
		2501 (39700)	19.62	19.52	19.50	17.68
	25RB-High (25)	2685 (41540)	19.66	19.71	19.66	17.59
		2639(41080)	19.70	19.78	19.76	17.63
		2593 (40620)	19.71	19.73	19.69	17.50
		2547(40160)	19.69	19.76	19.76	17.93
		2501 (39700)	19.62	19.61	19.60	17.85
	25RB-Middle (12)	2685 (41540)	19.70	19.70	19.67	17.60
		2639(41080)	19.82	19.80	19.82	17.86
		2593 (40620)	19.73	19.80	19.75	17.79
		2547(40160)	19.77	19.80	19.77	17.86
		2501 (39700)	19.66	19.67	19.67	17.87
	25RB-Low (0)	2685 (41540)	19.64	19.63	19.65	17.85
		2639(41080)	19.84	19.83	19.83	17.85
		2593 (40620)	19.71	19.78	19.71	17.59
		2547(40160)	19.74	19.76	19.79	17.91
		2501 (39700)	19.69	19.70	19.64	17.71
	50RB (0)	2685 (41540)	19.65	19.69	19.68	17.98
		2639(41080)	19.79	19.79	19.83	17.97
		2593 (40620)	19.69	19.71	19.75	17.78
		2547(40160)	19.76	19.76	19.76	17.96
		2501 (39700)	19.66	19.66	19.62	17.66

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15MHz	1RB-High (74)	2682.5 (41515)	19.43	19.50	19.50	17.66
		2637.8(41068)	19.50	19.76	19.39	17.81
		2593 (40620)	19.47	19.44	19.69	17.64
		2548.3(40173)	19.46	19.61	19.33	17.64
		2503.5 (39725)	19.27	19.24	19.21	17.74
	1RB-Middle (37)	2682.5 (41515)	19.40	19.42	19.37	17.85
		2637.8(41068)	19.53	19.66	19.63	17.64
		2593 (40620)	19.54	19.51	19.37	17.69
		2548.3(40173)	19.43	19.57	19.50	17.78
		2503.5 (39725)	19.37	19.57	19.57	17.52
	1RB-Low (0)	2682.5 (41515)	19.39	19.36	19.33	17.99
		2637.8(41068)	19.61	19.71	19.58	17.54
		2593 (40620)	19.44	19.55	19.50	17.98
		2548.3(40173)	19.64	19.49	19.67	17.67
		2503.5 (39725)	19.46	19.47	19.28	17.65
	36RB-High (38)	2682.5 (41515)	19.50	19.51	19.52	17.96
		2637.8(41068)	19.53	19.51	19.54	17.72
		2593 (40620)	19.52	19.58	19.55	17.63
		2548.3(40173)	19.57	19.53	19.58	17.72
		2503.5 (39725)	19.43	19.47	19.42	17.96
	36RB-Middle (19)	2682.5 (41515)	19.49	19.49	19.51	17.81
		2637.8(41068)	19.66	19.62	19.70	17.92
		2593 (40620)	19.55	19.59	19.60	17.92
		2548.3(40173)	19.60	19.58	19.61	17.98
		2503.5 (39725)	19.49	19.49	19.48	17.89
	36RB-Low (0)	2682.5 (41515)	19.56	19.49	19.50	17.52
		2637.8(41068)	19.68	19.68	19.70	17.95
		2593 (40620)	19.48	19.49	19.49	17.92
		2548.3(40173)	19.54	19.55	19.53	17.63
		2503.5 (39725)	19.49	19.52	19.46	17.62
	75RB (0)	2682.5 (41515)	19.49	19.47	19.52	17.68
		2637.8(41068)	19.69	19.69	19.64	17.88
		2593 (40620)	19.55	19.57	19.55	17.95
		2548.3(40173)	19.59	19.56	19.58	17.99
		2503.5 (39725)	19.50	19.48	19.49	17.61

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20MHz	1RB-High (99)	2680 (41490)	19.46	19.54	19.36	17.90
		2636.5(41055)	19.61	19.62	19.46	17.60
		2593 (40620)	19.45	19.54	19.32	17.54
		2549.5(40185)	19.41	19.29	19.28	17.90
		2506 (39750)	19.28	19.29	19.29	17.75
	1RB-Middle (50)	2680 (41490)	19.45	19.76	19.57	17.86
		2636.5(41055)	19.62	19.83	20.00	17.73
		2593 (40620)	19.43	19.41	19.49	17.65
		2549.5(40185)	19.41	19.59	19.35	17.80
		2506 (39750)	19.34	19.54	19.33	17.57
	1RB-Low (0)	2680 (41490)	19.55	19.48	19.27	17.92
		2636.5(41055)	19.78	19.80	19.77	17.62
		2593 (40620)	19.57	19.63	19.27	17.80
		2549.5(40185)	19.49	19.53	19.49	17.58
		2506 (39750)	19.41	19.46	19.30	17.93
	50RB-High (50)	2680 (41490)	19.49	19.52	19.54	17.83
		2636.5(41055)	19.58	19.57	19.53	17.72
		2593 (40620)	19.58	19.56	19.55	17.82
		2549.5(40185)	19.56	19.53	19.53	17.78
		2506 (39750)	19.46	19.46	19.47	17.55
	50RB-Middle (25)	2680 (41490)	19.58	19.53	19.51	17.94
		2636.5(41055)	19.77	19.71	19.69	17.86
		2593 (40620)	19.56	19.57	19.50	17.67
		2549.5(40185)	19.60	19.59	19.61	17.71
		2506 (39750)	19.50	19.53	19.47	17.99
	50RB-Low (0)	2680 (41490)	19.57	19.51	19.51	17.82
		2636.5(41055)	19.77	19.74	19.76	17.67
		2593 (40620)	19.50	19.53	19.47	17.53
		2549.5(40185)	19.51	19.56	19.52	17.50
		2506 (39750)	19.41	19.44	19.33	17.52
	100RB (0)	2680 (41490)	19.50	19.51	19.51	17.54
		2636.5(41055)	19.61	19.56	19.62	17.50
		2593 (40620)	19.57	19.56	19.54	17.53
		2549.5(40185)	19.61	19.63	19.58	17.68
		2506 (39750)	19.50	19.48	19.50	17.53

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LTE Band48(ANT6 DSI 4/9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	20.04	19.43	18.18	14.71
		55990	19.99	19.53	18.18	14.79
		55265	20.18	19.67	18.40	14.75
	1RB-Middle (12)	56715	20.12	19.43	18.23	14.70
		55990	20.08	19.50	18.28	14.82
		55265	20.37	19.73	18.42	14.85
	1RB-Low (0)	56715	19.93	19.28	18.18	14.76
		55990	19.95	19.41	18.30	14.91
		55265	20.22	19.60	18.38	14.97
	12RB-High (13)	56715	19.17	18.22	17.17	14.76
		55990	19.08	18.09	17.11	14.96
		55265	19.34	18.34	17.45	14.98
	12RB-Middle (6)	56715	19.17	18.31	17.34	14.94
		55990	19.13	18.13	17.16	14.88
		55265	19.34	18.49	17.40	14.84
	12RB-Low (0)	56715	19.13	18.18	17.17	14.86
		55990	19.13	18.16	17.24	14.85
		55265	19.32	18.39	17.42	14.74
	25RB (0)	56715	19.15	18.20	17.19	14.72
		55990	19.10	18.13	17.18	14.98
		55265	19.34	18.43	17.31	15.00
10MHz	1RB-High (49)	56690	20.00	19.50	18.48	14.76
		55990	20.04	19.54	18.31	14.91
		55290	20.21	19.60	18.36	14.87
	1RB-Middle (24)	56690	20.10	19.33	18.31	14.81
		55990	20.06	19.43	18.25	14.85
		55290	20.30	19.56	18.59	14.85
	1RB-Low (0)	56690	19.94	19.47	18.31	14.79
		55990	20.00	19.65	18.34	14.80
		55290	20.27	19.88	18.38	14.84
	25RB-High (25)	56690	19.13	18.20	17.18	15.00
		55990	19.07	18.11	17.12	14.71
		55290	19.29	18.26	17.33	14.82
	25RB-Middle (12)	56690	19.18	18.20	17.18	15.00
		55990	19.13	18.15	17.16	14.86
		55290	19.33	18.34	17.31	14.72
	25RB-Low (0)	56690	19.10	18.15	17.16	14.91
		55990	19.09	18.13	17.13	14.93
		55290	19.36	18.36	17.34	14.82
	50RB (0)	56690	19.14	18.20	17.14	14.86
		55990	19.15	18.13	17.10	14.97
		55290	19.27	18.31	17.27	15.00

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15MHz	1RB-High (74)	56665	19.85	19.21	18.10	14.78
		55990	19.90	19.20	18.17	14.84
		55315	20.00	19.26	18.22	14.92
	1RB-Middle (37)	56665	19.85	19.23	18.27	14.70
		55990	19.87	19.29	18.19	14.80
		55315	20.05	19.63	18.40	14.95
	1RB-Low (0)	56665	19.80	19.24	18.15	14.96
		55990	19.79	19.19	18.08	14.88
		55315	20.01	19.48	18.36	14.95
	36RB-High (38)	56665	19.07	18.07	17.08	14.71
		55990	18.96	17.96	16.99	14.70
		55315	19.16	18.14	17.14	14.94
	36RB-Middle (19)	56665	19.01	18.04	17.03	14.94
		55990	19.01	18.02	17.03	14.86
		55315	19.20	18.28	17.25	14.82
	36RB-Low (0)	56665	19.02	18.03	17.02	14.97
		55990	19.03	18.02	17.02	14.89
		55315	19.23	18.28	17.21	14.70
	75RB (0)	56665	19.04	18.06	17.07	14.91
		55990	19.02	18.05	17.04	14.76
		55315	19.16	18.15	17.13	14.96
20MHz	1RB-High (99)	56640	20.74	19.73	18.40	14.72
		55990	20.10	19.04	18.01	14.73
		55340	20.07	19.02	17.93	14.92
	1RB-Middle (50)	56640	20.65	19.75	18.25	14.91
		55990	20.23	19.19	18.20	14.80
		55340	19.99	19.51	18.16	15.00
	1RB-Low (0)	56640	20.52	19.71	18.22	14.93
		55990	20.27	19.33	18.21	15.00
		55340	20.26	19.20	17.98	14.89
	50RB-High (50)	56640	19.72	18.75	17.40	14.75
		55990	19.22	18.25	17.27	14.97
		55340	19.13	18.17	17.12	14.95
	50RB-Middle (25)	56640	19.79	18.77	17.34	14.70
		55990	19.32	18.31	17.35	14.90
		55340	19.11	18.09	17.13	14.91
	50RB-Low (0)	56640	19.73	18.72	17.31	14.81
		55990	19.31	18.33	17.31	14.86
		55340	19.15	18.13	17.14	14.74
	100RB (0)	56640	19.76	18.81	17.32	14.79
		55990	19.27	18.35	17.31	14.85
		55340	19.11	18.10	17.10	14.72

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LTE Band48(ANT6 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	19.84	19.43	18.18	14.99
		55990	19.79	19.53	18.18	14.72
		55265	19.98	19.67	18.40	14.84
	1RB-Middle (12)	56715	19.92	19.43	18.23	14.79
		55990	19.88	19.50	18.28	14.94
		55265	19.97	19.73	18.42	14.72
	1RB-Low (0)	56715	19.73	19.28	18.18	14.89
		55990	19.75	19.41	18.30	14.95
		55265	19.92	19.60	18.38	14.89
	12RB-High (13)	56715	19.17	18.22	17.17	14.96
		55990	19.08	18.09	17.11	14.96
		55265	19.34	18.34	17.45	14.81
	12RB-Middle (6)	56715	19.17	18.31	17.34	14.73
		55990	19.13	18.13	17.16	14.70
		55265	19.34	18.49	17.40	14.96
	12RB-Low (0)	56715	19.13	18.18	17.17	14.72
		55990	19.13	18.16	17.24	14.96
		55265	19.32	18.39	17.42	14.90
	25RB (0)	56715	19.15	18.20	17.19	14.75
		55990	19.10	18.13	17.18	14.96
		55265	19.34	18.43	17.31	14.93
10MHz	1RB-High (49)	56690	19.80	19.50	18.48	14.79
		55990	19.84	19.54	18.31	14.75
		55290	19.91	19.60	18.36	14.94
	1RB-Middle (24)	56690	19.90	19.33	18.31	14.71
		55990	19.86	19.43	18.25	14.91
		55290	19.92	19.56	18.59	14.97
	1RB-Low (0)	56690	19.74	19.47	18.31	14.80
		55990	19.80	19.65	18.34	14.96
		55290	19.87	19.88	18.38	14.99
	25RB-High (25)	56690	19.13	18.20	17.18	14.79
		55990	19.07	18.11	17.12	14.80
		55290	19.29	18.26	17.33	14.74
	25RB-Middle (12)	56690	19.18	18.20	17.18	14.83
		55990	19.13	18.15	17.16	14.89
		55290	19.33	18.34	17.31	14.98
	25RB-Low (0)	56690	19.10	18.15	17.16	14.75
		55990	19.09	18.13	17.13	14.84
		55290	19.36	18.36	17.34	14.82
	50RB (0)	56690	19.14	18.20	17.14	14.90
		55990	19.15	18.13	17.10	14.73
		55290	19.27	18.31	17.27	14.81

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15MHz	1RB-High (74)	56665	19.85	19.21	18.10	14.81
		55990	19.90	19.20	18.17	14.94
		55315	19.80	19.26	18.22	14.85
	1RB-Middle (37)	56665	19.85	19.23	18.27	14.74
		55990	19.87	19.29	18.19	14.79
		55315	19.85	19.63	18.40	14.77
	1RB-Low (0)	56665	19.80	19.24	18.15	14.73
		55990	19.79	19.19	18.08	14.77
		55315	19.81	19.48	18.36	14.99
	36RB-High (38)	56665	19.07	18.07	17.08	14.88
		55990	18.96	17.96	16.99	14.95
		55315	19.16	18.14	17.14	14.89
	36RB-Middle (19)	56665	19.01	18.04	17.03	14.81
		55990	19.01	18.02	17.03	14.91
		55315	19.20	18.28	17.25	14.88
	36RB-Low (0)	56665	19.02	18.03	17.02	14.88
		55990	19.03	18.02	17.02	14.79
		55315	19.23	18.28	17.21	14.75
	75RB (0)	56665	19.04	18.06	17.07	14.93
		55990	19.02	18.05	17.04	14.79
		55315	19.16	18.15	17.13	14.89
20MHz	1RB-High (99)	56640	19.95	19.84	18.24	14.71
		55990	19.36	19.20	18.19	14.85
		55340	19.19	19.07	17.99	15.00
	1RB-Middle (50)	56640	19.86	19.87	18.45	14.82
		55990	19.40	19.48	18.21	14.99
		55340	19.28	19.31	18.11	14.88
	1RB-Low (0)	56640	19.80	19.65	18.06	14.92
		55990	19.50	19.32	18.23	14.89
		55340	19.25	19.15	18.04	15.00
	50RB-High (50)	56640	19.79	18.76	17.41	14.96
		55990	19.24	18.23	17.30	14.86
		55340	19.12	18.20	17.17	14.78
	50RB-Middle (25)	56640	19.84	18.81	17.36	14.98
		55990	19.33	18.36	17.31	14.84
		55340	19.11	18.11	17.12	14.92
	50RB-Low (0)	56640	19.76	18.76	17.34	14.81
		55990	19.36	18.34	17.39	14.85
		55340	19.15	18.15	17.16	14.87
	100RB (0)	56640	19.74	18.78	17.32	14.89
		55990	19.36	18.32	17.33	14.80
		55340	19.10	18.10	17.11	14.82

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LTE Band48(ANT6 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	18.18	18.32	18.37	14.90
		55990	18.11	18.18	18.29	14.89
		55265	18.40	18.36	18.40	14.99
	1RB-Middle (12)	56715	18.24	18.47	18.28	14.77
		55990	18.13	18.18	18.35	14.71
		55265	18.42	18.48	18.34	14.91
	1RB-Low (0)	56715	18.40	18.38	18.26	14.72
		55990	18.11	18.26	18.22	14.73
		55265	18.30	18.44	18.18	14.97
	12RB-High (13)	56715	18.21	17.25	17.23	14.86
		55990	18.03	17.11	17.24	14.99
		55265	18.34	17.39	17.55	14.86
	12RB-Middle (6)	56715	18.24	17.32	17.29	14.77
		55990	18.15	17.19	17.28	14.95
		55265	18.11	17.36	17.55	14.99
	12RB-Low (0)	56715	18.17	17.25	17.22	14.81
		55990	18.11	17.19	17.17	14.90
		55265	18.34	17.31	17.34	14.74
	25RB (0)	56715	18.16	17.18	17.17	14.81
		55990	18.11	17.23	17.18	14.97
		55265	18.32	17.41	17.37	14.74
10MHz	1RB-High (49)	56690	18.17	18.39	18.37	14.98
		55990	18.15	18.17	18.27	14.91
		55290	18.40	18.43	18.29	14.74
	1RB-Middle (24)	56690	18.14	18.13	18.30	14.96
		55990	18.40	18.27	18.32	14.93
		55290	18.39	18.47	18.38	14.91
	1RB-Low (0)	56690	18.13	18.39	18.36	14.79
		55990	18.13	18.40	18.11	14.97
		55290	18.37	18.33	18.24	14.76
	25RB-High (25)	56690	18.18	17.17	17.18	14.88
		55990	18.09	17.13	17.14	14.84
		55290	18.26	17.31	17.30	14.72
	25RB-Middle (12)	56690	18.19	17.23	17.16	14.99
		55990	18.20	17.17	17.23	14.72
		55290	18.30	17.35	17.36	14.90
	25RB-Low (0)	56690	18.17	17.17	17.19	14.97
		55990	18.14	17.14	17.16	15.00
		55290	18.37	17.39	17.37	14.96
	50RB (0)	56690	18.16	17.20	17.18	14.88
		55990	18.18	17.20	17.17	14.94
		55290	18.27	17.33	17.30	14.78

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15MHz	1RB-High (74)	56665	18.34	18.39	18.21	14.76
		55990	18.21	18.21	17.98	14.70
		55315	18.39	18.31	18.19	14.81
	1RB-Middle (37)	56665	18.21	18.19	18.21	15.00
		55990	18.23	18.31	17.98	14.73
		55315	18.22	18.17	18.32	14.79
	1RB-Low (0)	56665	18.22	18.21	17.99	14.88
		55990	18.37	18.17	17.99	14.88
		55315	18.16	18.14	18.25	14.83
	36RB-High (38)	56665	18.10	17.11	17.04	14.74
		55990	17.94	16.95	17.02	14.84
		55315	18.12	17.16	17.18	14.84
	36RB-Middle (19)	56665	18.04	17.08	17.05	14.73
		55990	18.06	17.05	17.02	14.92
		55315	18.23	17.26	17.21	14.89
	36RB-Low (0)	56665	18.01	17.04	17.01	14.92
		55990	18.00	17.06	17.01	14.83
		55315	18.18	17.23	17.25	14.89
	75RB (0)	56665	18.05	17.07	17.02	14.85
		55990	18.01	17.06	17.03	14.86
		55315	18.15	17.20	17.19	14.92
20MHz	1RB-High (99)	56640	18.44	18.27	17.94	14.97
		55990	17.97	17.97	17.81	14.94
		55340	17.81	17.84	17.77	14.93
	1RB-Middle (50)	56640	18.36	18.29	17.92	14.77
		55990	17.95	18.18	17.74	14.91
		55340	17.79	17.90	17.97	14.83
	1RB-Low (0)	56640	18.29	18.34	17.92	14.88
		55990	18.06	18.18	17.98	14.95
		55340	17.89	17.75	17.75	14.93
	50RB-High (50)	56640	18.49	18.49	17.13	14.79
		55990	18.00	18.01	16.97	14.95
		55340	17.85	17.91	16.86	14.80
	50RB-Middle (25)	56640	18.48	18.04	17.05	14.74
		55990	18.06	18.06	17.03	14.80
		55340	17.80	17.81	16.81	14.77
	50RB-Low (0)	56640	18.45	18.49	17.06	14.88
		55990	18.04	18.09	17.08	14.91
		55340	17.85	17.91	16.90	14.82
	100RB (0)	56640	18.42	18.50	17.05	14.85
		55990	18.05	18.05	17.03	14.75
		55340	17.80	17.83	16.80	14.83

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LTE Band48(ANT6 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	17.19	17.28	17.32	14.77
		55990	17.09	17.26	17.27	14.85
		55265	17.34	17.43	17.31	14.74
	1RB-Middle (12)	56715	17.23	17.38	17.12	14.94
		55990	17.22	17.41	17.15	14.99
		55265	17.42	17.48	17.49	14.97
	1RB-Low (0)	56715	17.16	17.23	17.13	14.91
		55990	17.10	17.23	17.24	14.73
		55265	17.33	17.48	17.29	14.80
	12RB-High (13)	56715	17.27	17.27	17.27	14.96
		55990	17.17	17.26	17.09	14.83
		55265	17.50	17.16	17.16	14.87
	12RB-Middle (6)	56715	17.30	17.03	17.03	14.84
		55990	17.32	17.18	17.20	14.85
		55265	17.48	17.15	17.24	14.90
	12RB-Low (0)	56715	17.24	17.18	17.18	14.88
		55990	17.25	17.28	17.15	14.77
		55265	17.48	17.15	17.06	14.76
	25RB (0)	56715	17.25	17.24	17.14	14.79
		55990	17.25	17.18	17.15	14.87
		55265	17.43	17.11	17.09	14.94
10MHz	1RB-High (49)	56690	17.17	17.35	17.25	14.75
		55990	17.16	17.31	17.24	14.92
		55290	17.36	17.49	17.25	14.82
	1RB-Middle (24)	56690	17.17	17.41	17.11	14.78
		55990	17.17	17.15	17.35	14.71
		55290	17.33	17.46	17.40	14.89
	1RB-Low (0)	56690	17.17	17.34	17.38	14.73
		55990	17.14	17.33	17.12	14.89
		55290	17.37	17.48	17.40	14.70
	25RB-High (25)	56690	17.28	17.23	17.22	14.95
		55990	17.18	17.15	17.10	14.88
		55290	17.42	17.02	17.07	14.85
	25RB-Middle (12)	56690	17.30	17.20	17.22	14.87
		55990	17.30	17.19	17.21	14.72
		55290	17.42	17.04	17.06	14.75
	25RB-Low (0)	56690	17.27	17.17	17.14	14.89
		55990	17.25	17.18	17.14	14.79
		55290	17.46	17.06	17.11	14.75
	50RB (0)	56690	17.26	17.21	17.19	14.75
		55990	17.28	17.19	17.19	14.90
		55290	17.42	17.03	17.02	14.79

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15MHz	1RB-High (74)	56665	17.27	17.32	17.20	14.81
		55990	17.23	17.34	17.15	14.76
		55315	17.12	17.46	17.32	14.81
	1RB-Middle (37)	56665	17.27	17.30	17.32	14.77
		55990	17.28	17.36	17.35	14.96
		55315	17.18	17.46	17.37	14.80
	1RB-Low (0)	56665	17.28	17.38	17.19	14.80
		55990	17.20	17.35	17.09	14.93
		55315	17.17	17.44	17.48	14.77
	36RB-High (38)	56665	17.20	17.10	17.09	14.80
		55990	17.05	16.98	16.98	14.98
		55315	17.29	17.22	17.19	14.94
	36RB-Middle (19)	56665	17.14	17.10	17.05	14.87
		55990	17.17	17.06	17.05	14.87
		55315	17.37	17.27	17.25	14.81
	36RB-Low (0)	56665	17.13	17.08	17.08	14.91
		55990	17.16	17.07	17.03	14.94
		55315	17.33	17.28	17.28	14.87
	75RB (0)	56665	17.14	17.07	17.11	14.87
		55990	17.16	17.10	17.04	14.90
		55315	17.27	17.16	17.21	14.76
20MHz	1RB-High (99)	56640	17.44	17.45	16.99	15.00
		55990	16.99	16.92	17.05	14.95
		55340	16.77	16.95	16.54	14.76
	1RB-Middle (50)	56640	17.32	17.43	16.99	14.85
		55990	16.91	17.03	17.09	14.91
		55340	16.77	16.87	16.78	14.97
	1RB-Low (0)	56640	17.28	17.31	16.93	14.83
		55990	16.92	16.94	16.95	14.79
		55340	16.85	16.82	16.95	14.84
	50RB-High (50)	56640	17.44	17.34	17.13	14.78
		55990	16.96	16.99	16.99	14.97
		55340	16.87	16.83	16.88	14.99
	50RB-Middle (25)	56640	17.50	17.41	17.11	14.72
		55990	17.05	17.03	17.07	14.84
		55340	16.82	16.87	16.85	14.86
	50RB-Low (0)	56640	17.44	17.46	17.09	14.90
		55990	17.04	17.08	17.05	14.89
		55340	16.86	16.91	16.90	14.97
	100RB (0)	56640	17.50	17.50	17.09	14.95
		55990	17.04	17.06	17.05	14.83
		55340	16.81	16.83	16.80	14.73

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LTE Band48(ANT8 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	22.79	22.07	20.90	18.16
		55990	22.67	22.09	21.05	18.40
		55265	23.06	22.36	21.20	18.26
	1RB-Middle (12)	56715	22.79	22.42	21.01	18.21
		55990	22.77	22.27	21.04	18.20
		55265	23.01	22.38	21.28	18.19
	1RB-Low (0)	56715	22.71	22.18	20.99	18.31
		55990	22.65	22.05	20.97	18.09
		55265	22.92	22.26	21.16	18.10
	12RB-High (13)	56715	22.13	21.14	20.10	18.07
		55990	22.01	21.09	19.97	18.02
		55265	22.31	21.25	20.45	18.21
	12RB-Middle (6)	56715	22.18	21.11	20.21	18.34
		55990	22.09	21.11	20.14	18.27
		55265	22.35	21.33	20.34	18.19
	12RB-Low (0)	56715	22.13	21.08	20.14	18.01
		55990	22.04	21.05	20.00	18.28
		55265	22.29	21.35	20.32	18.20
	25RB (0)	56715	22.16	21.17	20.14	18.19
		55990	22.05	21.08	20.12	18.23
		55265	22.31	21.26	20.32	18.31
10MHz	1RB-High (49)	56690	22.79	22.22	20.97	18.02
		55990	22.73	22.24	21.11	18.15
		55290	22.99	22.30	21.31	18.38
	1RB-Middle (24)	56690	22.83	22.17	21.07	18.23
		55990	22.74	22.22	21.11	18.29
		55290	23.03	22.26	21.34	18.34
	1RB-Low (0)	56690	22.74	22.14	21.11	18.06
		55990	22.73	22.20	21.13	18.34
		55290	23.00	22.27	21.33	18.24
	25RB-High (25)	56690	22.20	21.20	20.21	18.33
		55990	22.02	21.03	20.06	18.39
		55290	22.25	21.28	20.28	18.22
	25RB-Middle (12)	56690	22.20	21.19	20.18	18.08
		55990	22.14	21.12	20.08	18.13
		55290	22.30	21.33	20.29	18.13
	25RB-Low (0)	56690	22.12	21.15	20.15	18.40
		55990	22.05	21.10	20.10	18.18
		55290	22.35	21.34	20.31	18.13
	50RB (0)	56690	22.15	21.17	20.14	18.00
		55990	22.12	21.13	20.11	18.23
		55290	22.30	21.29	20.25	18.25

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15MHz	1RB-High (74)	56665	22.73	21.83	20.92	18.23
		55990	22.49	21.87	20.95	18.29
		55315	22.71	22.09	21.18	18.25
	1RB-Middle (37)	56665	22.62	21.80	20.94	18.00
		55990	22.50	21.93	20.99	18.36
		55315	22.86	22.31	21.12	18.09
	1RB-Low (0)	56665	22.49	21.89	20.94	18.29
		55990	22.52	21.93	20.97	18.32
		55315	22.81	22.11	21.05	18.17
	36RB-High (38)	56665	22.04	21.02	20.05	18.24
		55990	21.93	20.87	19.91	18.27
		55315	22.15	21.16	20.17	18.17
	36RB-Middle (19)	56665	22.02	21.05	20.03	18.22
		55990	21.92	20.97	19.99	18.40
		55315	22.19	21.21	20.19	18.32
	36RB-Low (0)	56665	22.01	21.02	20.00	18.29
		55990	21.95	20.96	20.00	18.02
		55315	22.21	21.21	20.20	18.24
	75RB (0)	56665	22.04	21.03	20.01	18.10
		55990	21.94	20.96	19.99	18.12
		55315	22.09	21.14	20.14	18.01
20MHz	1RB-High (99)	56640	23.04	22.23	21.14	18.05
		55990	22.91	22.19	21.00	18.31
		55340	23.04	22.43	21.32	18.31
	1RB-Middle (50)	56640	22.97	22.25	21.35	18.21
		55990	22.88	22.28	21.33	18.00
		55340	23.17	22.63	21.53	18.38
	1RB-Low (0)	56640	23.01	22.29	21.29	18.27
		55990	23.11	22.77	21.01	18.03
		55340	23.09	22.56	21.50	18.02
	50RB-High (50)	56640	22.25	21.35	20.33	18.00
		55990	22.24	21.29	20.24	18.10
		55340	22.45	21.49	20.46	18.05
	50RB-Middle (25)	56640	22.39	21.41	20.37	18.06
		55990	22.34	21.31	20.30	18.35
		55340	22.48	21.50	20.48	18.18
	50RB-Low (0)	56640	22.34	21.31	20.37	18.36
		55990	22.28	21.31	20.31	18.40
		55340	22.52	21.56	20.57	18.11
	100RB (0)	56640	22.34	21.41	20.39	18.40
		55990	22.25	21.32	20.29	18.24
		55340	22.45	21.48	20.44	18.25

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LTE Band48(ANT8 DSI 9)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	20.54	20.66	20.52	18.09
		55990	20.50	20.55	20.42	18.21
		55265	20.76	20.84	20.70	18.25
	1RB-Middle (12)	56715	20.65	20.90	20.68	18.37
		55990	20.53	20.64	20.35	18.13
		55265	20.81	20.93	20.75	18.36
	1RB-Low (0)	56715	20.48	20.66	20.52	18.26
		55990	20.46	20.61	20.44	18.15
		55265	20.76	20.73	20.61	18.20
	12RB-High (13)	56715	20.62	20.69	20.62	18.13
		55990	20.48	20.47	20.53	18.22
		55265	20.80	20.81	20.86	18.38
	12RB-Middle (6)	56715	20.62	20.57	20.64	18.35
		55990	20.57	20.59	20.54	18.31
		55265	20.84	20.81	20.83	18.15
	12RB-Low (0)	56715	20.60	20.58	20.60	18.13
		55990	20.52	20.59	20.54	18.19
		55265	20.82	20.68	20.79	18.38
	25RB (0)	56715	20.59	20.63	20.63	18.34
		55990	20.53	20.53	20.57	18.01
		55265	20.80	20.81	20.78	18.11
10MHz	1RB-High (49)	56690	20.56	20.64	20.45	18.07
		55990	20.49	20.52	20.43	18.28
		55290	20.75	20.87	20.69	18.16
	1RB-Middle (24)	56690	20.58	20.74	20.56	18.14
		55990	20.49	20.68	20.45	18.07
		55290	20.76	20.93	20.66	18.18
	1RB-Low (0)	56690	20.50	20.64	20.37	18.02
		55990	20.54	20.42	20.53	18.26
		55290	20.71	20.87	20.78	18.06
	25RB-High (25)	56690	20.61	20.59	20.61	18.18
		55990	20.49	20.51	20.52	18.17
		55290	20.76	20.76	20.75	18.10
	25RB-Middle (12)	56690	20.61	20.67	20.64	18.37
		55990	20.56	20.58	20.60	18.13
		55290	20.78	20.78	20.79	18.04
	25RB-Low (0)	56690	20.59	20.58	20.63	18.26
		55990	20.56	20.56	20.58	18.06
		55290	20.81	20.84	20.85	18.11
	50RB (0)	56690	20.65	20.61	20.62	18.05
		55990	20.59	20.58	20.55	18.11
		55290	20.78	20.77	20.77	18.34

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15MHz	1RB-High (74)	56665	20.32	20.35	20.38	18.12
		55990	20.21	20.53	20.29	18.24
		55315	20.56	20.72	20.63	18.19
	1RB-Middle (37)	56665	20.41	20.64	20.35	18.05
		55990	20.35	20.50	20.40	18.01
		55315	20.57	20.70	20.60	18.06
	1RB-Low (0)	56665	20.32	20.36	20.16	18.23
		55990	20.32	20.41	20.32	18.06
		55315	20.51	20.69	20.61	18.07
	36RB-High (38)	56665	20.49	20.54	20.49	18.17
		55990	20.38	20.39	20.37	18.16
		55315	20.63	20.64	20.63	18.01
	36RB-Middle (19)	56665	20.44	20.49	20.49	18.28
		55990	20.39	20.44	20.46	18.21
		55315	20.67	20.68	20.68	18.26
	36RB-Low (0)	56665	20.46	20.45	20.46	18.30
		55990	20.44	20.43	20.44	18.01
		55315	20.71	20.67	20.68	18.27
	75RB (0)	56665	20.44	20.44	20.46	18.38
		55990	20.42	20.46	20.44	18.20
		55315	20.61	20.60	20.64	18.12
20MHz	1RB-High (99)	56640	20.47	20.40	20.40	18.06
		55990	20.32	20.62	20.28	18.23
		55340	20.54	20.69	20.53	18.40
	1RB-Middle (50)	56640	20.40	20.64	20.48	18.17
		55990	20.44	20.49	20.42	18.32
		55340	20.62	20.80	20.61	18.24
	1RB-Low (0)	56640	20.38	20.50	20.38	18.10
		55990	20.52	20.57	20.36	18.11
		55340	20.64	20.61	20.50	18.21
	50RB-High (50)	56640	20.51	20.50	20.31	18.24
		55990	20.44	20.48	20.25	18.08
		55340	20.66	20.67	20.50	18.13
	50RB-Middle (25)	56640	20.57	20.54	20.35	18.37
		55990	20.50	20.53	20.31	18.05
		55340	20.67	20.67	20.49	18.22
	50RB-Low (0)	56640	20.51	20.53	20.38	18.22
		55990	20.47	20.49	20.28	18.10
		55340	20.74	20.73	20.53	18.33
	100RB (0)	56640	20.54	20.54	20.36	18.09
		55990	20.51	20.56	20.33	18.11
		55340	20.67	20.68	20.47	18.37

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LTE Band48(ANT8 DSI 14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	19.93	20.14	19.97	18.05
		55990	19.90	19.93	19.86	18.15
		55265	20.13	20.27	20.15	18.38
	1RB-Middle (12)	56715	19.99	20.19	20.05	18.36
		55990	19.95	20.00	19.97	18.36
		55265	20.21	20.40	20.19	18.34
	1RB-Low (0)	56715	19.94	20.01	19.90	18.28
		55990	19.84	19.89	19.72	18.17
		55265	20.15	20.35	19.98	18.26
	12RB-High (13)	56715	20.04	20.00	20.03	18.25
		55990	19.88	19.81	19.91	18.15
		55265	20.23	20.22	20.16	18.17
	12RB-Middle (6)	56715	20.03	19.94	20.05	18.34
		55990	19.99	19.93	19.96	18.27
		55265	20.25	20.29	20.32	18.10
	12RB-Low (0)	56715	19.97	19.98	20.01	18.13
		55990	19.92	19.96	19.93	18.35
		55265	20.21	20.19	20.26	18.03
	25RB (0)	56715	19.98	20.05	20.01	18.03
		55990	19.93	19.95	19.95	18.16
		55265	20.21	20.23	20.22	18.35
10MHz	1RB-High (49)	56690	19.95	19.98	19.92	18.07
		55990	19.85	19.98	19.85	18.14
		55290	20.17	20.34	20.12	18.22
	1RB-Middle (24)	56690	20.02	19.96	20.07	18.31
		55990	19.91	19.91	19.96	18.25
		55290	20.21	20.33	20.24	18.02
	1RB-Low (0)	56690	19.96	20.11	19.90	18.24
		55990	19.93	20.04	19.95	18.23
		55290	20.12	20.27	20.18	18.19
	25RB-High (25)	56690	20.01	20.11	20.02	18.11
		55990	19.88	19.90	19.93	18.34
		55290	20.18	20.22	20.19	18.02
	25RB-Middle (12)	56690	20.04	20.06	20.02	18.10
		55990	19.98	20.01	20.04	18.39
		55290	20.16	20.23	20.22	18.14
	25RB-Low (0)	56690	19.99	20.00	20.01	18.18
		55990	19.94	20.00	19.94	18.06
		55290	20.19	20.24	20.25	18.17
	50RB (0)	56690	20.01	20.06	20.05	18.03
		55990	19.97	19.97	19.97	18.00
		55290	20.19	20.18	20.18	18.18

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15MHz	1RB-High (74)	56665	19.70	19.78	19.88	18.20
		55990	19.70	19.78	19.63	18.31
		55315	19.96	20.10	20.02	18.10
	1RB-Middle (37)	56665	19.79	19.82	19.85	18.33
		55990	19.74	19.96	19.71	18.34
		55315	20.01	20.03	20.18	18.34
	1RB-Low (0)	56665	19.71	19.84	19.66	18.24
		55990	19.73	19.80	19.73	18.26
		55315	19.95	20.10	20.03	18.23
	36RB-High (38)	56665	19.94	19.89	19.93	18.22
		55990	19.75	19.77	19.75	18.21
		55315	20.01	20.04	20.03	18.04
	36RB-Middle (19)	56665	19.85	19.92	19.90	18.40
		55990	19.83	19.86	19.86	18.21
		55315	20.08	20.08	20.06	18.12
	36RB-Low (0)	56665	19.87	19.88	19.86	18.23
		55990	19.83	19.85	19.85	18.15
		55315	20.05	20.09	20.08	18.05
	75RB (0)	56665	19.89	19.90	19.87	18.20
		55990	19.82	19.86	19.86	18.37
		55315	20.03	20.03	20.06	18.39
20MHz	1RB-High (99)	56640	20.04	20.03	19.91	18.15
		55990	19.91	20.16	19.79	18.07
		55340	19.98	20.06	20.10	18.10
	1RB-Middle (50)	56640	19.84	20.07	19.95	18.13
		55990	19.92	20.43	19.81	18.09
		55340	20.06	20.22	20.00	18.10
	1RB-Low (0)	56640	19.89	19.89	19.75	18.24
		55990	20.00	19.96	19.99	18.23
		55340	20.05	20.18	20.09	18.40
	50RB-High (50)	56640	20.02	20.05	19.98	18.29
		55990	19.96	19.97	19.98	18.03
		55340	20.21	20.18	20.23	18.06
	50RB-Middle (25)	56640	20.07	20.09	20.05	18.18
		55990	20.01	19.98	20.03	18.38
		55340	20.20	20.21	20.18	18.06
	50RB-Low (0)	56640	20.01	20.03	20.04	18.17
		55990	19.97	20.02	19.98	18.40
		55340	20.22	20.27	20.28	18.38
	100RB (0)	56640	20.03	20.06	19.99	18.35
		55990	19.96	20.05	20.03	18.25
		55340	20.17	20.16	20.18	18.09

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LTE Band48(ANT8 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	17.54	17.68	17.58	17.28
		55990	17.53	17.65	17.49	17.32
		55265	17.81	18.04	17.89	17.47
	1RB-Middle (12)	56715	17.63	17.70	17.70	17.32
		55990	17.64	17.64	17.67	17.41
		55265	17.89	18.06	17.79	17.49
	1RB-Low (0)	56715	17.58	17.68	17.60	17.32
		55990	17.52	17.51	17.54	17.23
		55265	17.79	17.86	17.74	17.12
	12RB-High (13)	56715	17.68	17.65	17.69	17.25
		55990	17.50	17.50	17.56	17.11
		55265	17.89	17.79	17.85	17.35
	12RB-Middle (6)	56715	17.65	17.66	17.69	17.11
		55990	17.65	17.42	17.63	17.35
		55265	17.90	17.80	17.94	17.37
	12RB-Low (0)	56715	17.61	17.66	17.67	17.27
		55990	17.60	17.53	17.54	17.12
		55265	17.87	17.97	17.87	17.40
	25RB (0)	56715	17.62	17.68	17.67	17.50
		55990	17.61	17.58	17.57	17.32
		55265	17.87	17.85	17.83	17.41
10MHz	1RB-High (49)	56690	17.57	17.74	17.58	17.30
		55990	17.55	17.60	17.42	17.50
		55290	17.84	17.84	17.74	17.19
	1RB-Middle (24)	56690	17.64	17.69	17.62	17.30
		55990	17.63	17.69	17.56	17.39
		55290	17.82	17.93	17.75	17.35
	1RB-Low (0)	56690	17.57	17.67	17.55	17.41
		55990	17.66	17.68	17.38	17.45
		55290	17.83	17.94	17.72	17.11
	25RB-High (25)	56690	17.63	17.67	17.62	17.42
		55990	17.53	17.53	17.55	17.20
		55290	17.81	17.81	17.77	17.24
	25RB-Middle (12)	56690	17.66	17.63	17.66	17.24
		55990	17.66	17.59	17.61	17.50
		55290	17.85	17.77	17.79	17.21
	25RB-Low (0)	56690	17.60	17.62	17.60	17.38
		55990	17.64	17.60	17.56	17.10
		55290	17.89	17.85	17.83	17.14
	50RB (0)	56690	17.62	17.65	17.59	17.44
		55990	17.65	17.56	17.58	17.19
		55290	17.81	17.78	17.74	17.25

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15MHz	1RB-High (74)	56665	17.36	17.38	17.33	17.13
		55990	17.39	17.40	17.49	17.14
		55315	17.72	17.67	17.56	17.20
	1RB-Middle (37)	56665	17.46	17.40	17.38	17.39
		55990	17.39	17.36	17.35	17.33
		55315	17.65	17.68	17.67	17.37
	1RB-Low (0)	56665	17.36	17.50	17.44	17.24
		55990	17.41	17.73	17.46	17.44
		55315	17.67	17.71	17.54	17.41
	36RB-High (38)	56665	17.56	17.55	17.52	17.47
		55990	17.40	17.41	17.38	17.43
		55315	17.66	17.68	17.61	17.21
	36RB-Middle (19)	56665	17.50	17.54	17.56	17.29
		55990	17.47	17.48	17.48	17.50
		55315	17.74	17.70	17.64	17.17
	36RB-Low (0)	56665	17.47	17.51	17.52	17.14
		55990	17.50	17.47	17.49	17.32
		55315	17.73	17.72	17.68	17.33
	75RB (0)	56665	17.47	17.54	17.57	17.43
		55990	17.51	17.45	17.47	17.47
		55315	17.66	17.62	17.58	17.14
20MHz	1RB-High (99)	56640	17.58	17.60	17.58	17.16
		55990	17.43	17.46	17.24	17.47
		55340	17.60	17.65	17.58	17.23
	1RB-Middle (50)	56640	17.47	17.54	17.64	17.49
		55990	17.38	17.53	17.36	17.28
		55340	17.70	17.75	17.64	17.13
	1RB-Low (0)	56640	17.46	17.47	17.39	17.33
		55990	17.47	17.36	17.30	17.23
		55340	17.63	17.63	17.55	17.35
	50RB-High (50)	56640	17.48	17.50	17.55	17.33
		55990	17.47	17.39	17.42	17.19
		55340	17.71	17.70	17.62	17.19
	50RB-Middle (25)	56640	17.57	17.57	17.53	17.17
		55990	17.55	17.50	17.51	17.24
		55340	17.77	17.64	17.68	17.24
	50RB-Low (0)	56640	17.53	17.53	17.53	17.33
		55990	17.51	17.47	17.44	17.27
		55340	17.75	17.72	17.68	17.50
	100RB (0)	56640	17.57	17.55	17.55	17.18
		55990	17.54	17.49	17.51	17.38
		55340	17.67	17.62	17.63	17.26

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LTE Band48(ANT10 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	19.84	19.19	18.13	14.59
		55990	19.91	19.29	18.05	14.65
		55265	20.14	19.55	18.30	14.68
	1RB-Middle (12)	56715	19.87	19.29	18.14	14.44
		55990	19.98	19.42	18.23	14.46
		55265	20.18	19.82	18.36	14.48
	1RB-Low (0)	56715	19.80	19.09	18.01	14.61
		55990	19.89	19.29	18.16	14.40
		55265	20.11	19.47	18.39	14.45
	12RB-High (13)	56715	18.98	18.09	17.02	14.80
		55990	18.93	17.97	16.96	14.49
		55265	19.27	18.33	17.32	14.68
	12RB-Middle (6)	56715	18.97	18.02	16.95	14.44
		55990	19.02	18.15	17.04	14.63
		55265	19.29	18.41	17.35	14.62
	12RB-Low (0)	56715	18.96	17.95	16.95	14.68
		55990	18.99	18.10	17.10	14.61
		55265	19.27	18.36	17.22	14.80
	25RB (0)	56715	18.88	17.99	17.04	14.59
		55990	19.01	18.04	17.03	14.77
		55265	19.26	18.26	17.26	14.73
10MHz	1RB-High (49)	56690	19.78	19.29	18.10	14.77
		55990	19.89	19.45	18.18	14.61
		55290	20.10	19.60	18.43	14.57
	1RB-Middle (24)	56690	19.81	19.26	18.04	14.76
		55990	19.92	19.35	18.15	14.57
		55290	20.21	19.60	18.46	14.55
	1RB-Low (0)	56690	19.84	19.22	18.12	14.42
		55990	19.94	19.52	18.14	14.64
		55290	20.16	19.62	18.33	14.73
	25RB-High (25)	56690	18.97	18.02	16.96	14.43
		55990	18.97	18.04	16.93	14.59
		55290	19.21	18.27	17.24	14.75
	25RB-Middle (12)	56690	18.93	17.99	17.00	14.60
		55990	19.04	18.04	17.07	14.45
		55290	19.19	18.27	17.24	14.43
	25RB-Low (0)	56690	18.92	17.98	16.97	14.55
		55990	19.02	18.06	17.02	14.69
		55290	19.26	18.31	17.27	14.51
	50RB (0)	56690	18.95	17.95	16.95	14.61
		55990	19.06	18.03	17.06	14.62
		55290	19.20	18.19	17.16	14.40

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15MHz	1RB-High (74)	56665	19.67	19.18	17.88	14.74
		55990	19.65	18.95	17.93	14.54
		55315	19.93	19.20	18.45	14.40
	1RB-Middle (37)	56665	19.65	18.99	17.93	14.56
		55990	19.77	19.16	17.93	14.46
		55315	20.01	19.35	18.25	14.79
	1RB-Low (0)	56665	19.59	19.05	17.88	14.73
		55990	19.69	18.97	18.04	14.78
		55315	19.98	19.37	18.22	14.75
	36RB-High (38)	56665	18.86	17.87	16.85	14.49
		55990	18.86	17.87	16.88	14.63
		55315	18.99	18.10	17.06	14.79
	36RB-Middle (19)	56665	18.84	17.84	16.81	14.46
		55990	18.86	17.93	16.93	14.80
		55315	19.13	18.18	17.15	14.47
	36RB-Low (0)	56665	18.80	17.82	16.84	14.80
		55990	18.88	17.86	16.91	14.68
		55315	19.12	18.17	17.15	14.76
	75RB (0)	56665	18.78	17.83	16.83	14.46
		55990	18.92	17.98	16.92	14.71
		55315	19.06	18.08	17.06	14.76
20MHz	1RB-High (99)	56640	20.18	19.22	18.17	14.58
		55990	19.69	18.74	17.67	14.45
		55340	19.88	18.74	17.84	14.50
	1RB-Middle (50)	56640	20.12	19.22	18.09	14.44
		55990	19.81	19.36	17.74	14.77
		55340	19.86	18.97	17.91	14.64
	1RB-Low (0)	56640	20.11	19.13	18.02	14.62
		55990	19.87	19.12	17.93	14.65
		55340	19.88	18.91	17.75	14.52
	50RB-High (50)	56640	19.26	18.24	17.24	14.75
		55990	18.83	17.89	16.86	14.80
		55340	18.90	17.90	16.85	14.64
	50RB-Middle (25)	56640	19.26	18.24	17.26	14.69
		55990	18.93	17.90	16.92	14.52
		55340	18.87	17.89	16.87	14.46
	50RB-Low (0)	56640	19.18	18.18	17.27	14.69
		55990	18.90	17.93	16.94	14.66
		55340	18.96	17.99	17.02	14.66
	100RB (0)	56640	19.26	18.25	17.25	14.65
		55990	18.92	17.94	16.89	14.43
		55340	18.86	17.90	16.88	14.73

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LTE Band48(ANT10 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	19.76	19.08	18.04	14.60
		55990	19.86	19.28	18.04	14.68
		55265	20.13	19.37	18.28	14.72
	1RB-Middle (12)	56715	19.84	19.31	18.07	14.54
		55990	19.99	19.42	18.18	14.74
		55265	20.20	19.42	18.47	14.57
	1RB-Low (0)	56715	19.69	19.14	17.95	14.50
		55990	19.82	19.20	18.05	14.62
		55265	20.10	19.40	18.29	14.64
	12RB-High (13)	56715	18.92	17.93	17.02	14.80
		55990	18.88	18.03	16.89	14.61
		55265	19.20	18.33	17.20	14.56
	12RB-Middle (6)	56715	18.92	18.04	16.99	14.43
		55990	18.97	18.05	17.01	14.80
		55265	19.22	18.29	17.34	14.54
	12RB-Low (0)	56715	18.90	17.83	16.94	14.78
		55990	18.93	17.98	17.08	14.72
		55265	19.17	18.18	17.19	14.58
	25RB (0)	56715	18.84	17.86	16.89	14.57
		55990	18.94	17.97	16.94	14.59
		55265	19.23	18.22	17.20	14.47
10MHz	1RB-High (49)	56690	19.75	19.19	17.93	14.42
		55990	19.80	19.27	18.07	14.50
		55290	20.06	19.22	18.37	14.48
	1RB-Middle (24)	56690	19.77	19.08	17.98	14.43
		55990	19.89	19.28	18.10	14.40
		55290	20.12	19.27	18.25	14.52
	1RB-Low (0)	56690	19.76	19.27	17.94	14.43
		55990	19.84	19.28	18.06	14.60
		55290	20.08	19.25	18.26	14.54
	25RB-High (25)	56690	18.89	17.91	16.87	14.79
		55990	18.90	17.91	16.94	14.68
		55290	19.15	18.13	17.17	14.42
	25RB-Middle (12)	56690	18.90	17.93	16.94	14.53
		55990	18.97	17.99	17.02	14.63
		55290	19.17	18.12	17.18	14.43
	25RB-Low (0)	56690	18.88	17.91	16.85	14.52
		55990	18.96	17.98	16.96	14.41
		55290	19.20	18.26	17.21	14.64
	50RB (0)	56690	18.87	17.87	16.88	14.74
		55990	19.01	17.96	16.97	14.61
		55290	19.14	18.15	17.13	14.57

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15MHz	1RB-High (74)	56665	19.55	18.99	17.86	14.60
		55990	19.64	18.94	17.80	14.53
		55315	19.84	19.35	17.91	14.74
	1RB-Middle (37)	56665	19.57	19.01	17.78	14.80
		55990	19.69	19.15	17.82	14.55
		55315	19.96	19.36	18.04	14.66
	1RB-Low (0)	56665	19.52	18.86	17.70	14.62
		55990	19.62	18.93	17.90	14.72
		55315	19.89	19.34	18.11	14.61
	36RB-High (38)	56665	18.75	17.77	16.80	14.73
		55990	18.77	17.81	16.80	14.58
		55315	18.96	18.02	17.05	14.49
	36RB-Middle (19)	56665	18.74	17.81	16.80	14.75
		55990	18.83	17.90	16.85	14.61
		55315	19.06	18.10	17.08	14.78
	36RB-Low (0)	56665	18.73	17.75	16.78	14.63
		55990	18.82	17.89	16.86	14.78
		55315	19.03	18.12	17.05	14.66
	75RB (0)	56665	18.74	17.73	16.72	14.68
		55990	18.86	17.89	16.87	14.76
		55315	18.98	18.01	17.02	14.75
20MHz	1RB-High (99)	56640	19.99	19.02	18.26	14.58
		55990	19.60	18.73	17.88	14.51
		55340	19.61	18.73	17.68	14.40
	1RB-Middle (50)	56640	19.83	19.05	18.20	14.71
		55990	19.49	18.75	17.92	14.49
		55340	19.54	19.00	17.73	14.73
	1RB-Low (0)	56640	19.73	19.02	17.93	14.80
		55990	19.58	19.03	17.89	14.50
		55340	19.58	19.06	17.90	14.64
	50RB-High (50)	56640	19.25	18.28	17.27	14.68
		55990	18.86	17.85	16.79	14.54
		55340	18.88	17.88	16.87	14.65
	50RB-Middle (25)	56640	19.26	18.29	17.32	14.44
		55990	18.91	17.92	16.97	14.71
		55340	18.90	17.88	16.89	14.43
	50RB-Low (0)	56640	19.22	18.18	17.18	14.73
		55990	18.96	17.94	16.91	14.78
		55340	18.97	17.97	16.94	14.64
	100RB (0)	56640	19.29	18.32	17.30	14.70
		55990	18.88	17.92	16.90	14.42
		55340	18.90	17.91	16.88	14.76

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BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	17.98	18.13	18.01	14.74
		55990	18.09	18.15	18.20	14.62
		55265	18.40	18.55	18.24	14.43
	1RB-Middle (12)	56715	18.06	18.37	18.08	14.43
		55990	18.11	18.35	18.32	14.76
		55265	18.46	18.58	18.31	14.74
	1RB-Low (0)	56715	17.93	17.97	17.94	14.74
		55990	18.06	18.22	18.06	14.57
		55265	18.36	18.35	18.33	14.76
	12RB-High (13)	56715	18.05	17.94	16.80	14.54
		55990	18.08	17.99	16.86	14.53
		55265	18.43	18.31	17.33	14.66
	12RB-Middle (6)	56715	18.05	17.93	16.94	14.63
		55990	18.19	17.88	17.00	14.58
		55265	18.48	18.28	17.29	14.69
	12RB-Low (0)	56715	17.99	17.85	16.85	14.43
		55990	18.11	17.92	16.96	14.79
		55265	18.45	18.31	17.19	14.40
	25RB (0)	56715	18.04	17.89	16.84	14.75
		55990	18.13	17.96	16.94	14.56
		55265	18.41	18.21	17.24	14.49
10MHz	1RB-High (49)	56690	18.01	18.07	17.74	14.51
		55990	18.11	18.11	17.81	14.56
		55290	18.31	18.44	18.18	14.56
	1RB-Middle (24)	56690	18.00	18.08	17.74	14.75
		55990	18.11	18.20	17.97	14.63
		55290	18.40	18.43	18.04	14.65
	1RB-Low (0)	56690	17.92	18.03	17.69	14.47
		55990	18.07	18.15	17.89	14.80
		55290	18.43	18.55	18.07	14.69
	25RB-High (25)	56690	18.03	17.89	16.87	14.60
		55990	18.10	17.90	16.95	14.52
		55290	18.37	18.15	17.12	14.67
	25RB-Middle (12)	56690	18.06	17.88	16.88	14.67
		55990	18.17	17.99	17.00	14.49
		55290	18.41	18.16	17.17	14.52
	25RB-Low (0)	56690	17.97	17.82	16.84	14.43
		55990	18.14	17.93	16.99	14.76
		55290	18.43	18.20	17.25	14.46
	50RB (0)	56690	18.04	17.84	16.86	14.47
		55990	18.17	17.92	16.99	14.52
		55290	18.39	18.18	17.19	14.63

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15MHz	1RB-High (74)	56665	17.94	17.80	17.56	14.50
		55990	17.86	17.91	17.83	14.63
		55315	18.15	18.18	17.91	14.53
	1RB-Middle (37)	56665	17.84	17.88	17.58	14.66
		55990	17.90	18.10	17.63	14.76
		55315	18.18	18.14	18.01	14.61
	1RB-Low (0)	56665	17.82	17.96	17.54	14.76
		55990	17.94	18.12	17.82	14.51
		55315	18.18	18.33	18.05	14.42
	36RB-High (38)	56665	17.98	17.83	16.79	14.40
		55990	18.01	17.83	16.76	14.69
		55315	18.22	18.06	17.04	14.59
	36RB-Middle (19)	56665	17.89	17.73	16.72	14.52
		55990	18.02	17.88	16.83	14.58
		55315	18.35	18.17	17.16	14.52
	36RB-Low (0)	56665	17.95	17.71	16.68	14.63
		55990	18.06	17.86	16.84	14.65
		55315	18.33	18.14	17.12	14.45
	75RB (0)	56665	17.94	17.74	16.77	14.45
		55990	18.08	17.85	16.86	14.77
		55315	18.23	18.04	17.06	14.49
20MHz	1RB-High (99)	56640	18.39	18.35	18.11	14.40
		55990	18.09	18.11	17.64	14.45
		55340	18.09	17.98	17.84	14.51
	1RB-Middle (50)	56640	18.35	18.73	18.26	14.64
		55990	17.98	18.02	18.04	14.62
		55340	18.08	18.09	17.76	14.68
	1RB-Low (0)	56640	18.19	18.35	17.91	14.78
		55990	18.11	18.05	17.86	14.49
		55340	18.02	18.08	17.90	14.50
	50RB-High (50)	56640	18.45	18.23	17.26	14.65
		55990	18.06	17.87	16.84	14.43
		55340	18.08	17.88	16.88	14.77
	50RB-Middle (25)	56640	18.46	18.33	17.30	14.62
		55990	18.11	17.96	16.95	14.77
		55340	18.08	17.90	16.89	14.71
	50RB-Low (0)	56640	18.43	18.20	17.23	14.68
		55990	18.15	17.92	16.93	14.44
		55340	18.16	17.97	16.93	14.42
	100RB (0)	56640	18.44	18.26	17.29	14.71
		55990	18.08	17.92	16.93	14.60
		55340	18.06	17.91	16.85	14.73

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LTE Band48(ANT10 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	18.28	18.28	18.16	14.66
		55990	18.25	18.20	18.18	14.79
		55265	18.53	18.65	18.44	14.75
	1RB-Middle (12)	56715	18.26	18.39	18.49	14.64
		55990	18.34	18.51	18.33	14.68
		55265	18.58	18.72	18.52	14.47
	1RB-Low (0)	56715	18.21	18.33	18.11	14.46
		55990	18.28	18.41	18.20	14.41
		55265	18.53	18.55	18.67	14.40
	12RB-High (13)	56715	18.31	17.54	17.55	14.41
		55990	18.31	17.65	17.60	14.76
		55265	18.62	18.08	18.00	14.70
	12RB-Middle (6)	56715	18.32	17.74	17.71	14.77
		55990	18.43	17.63	17.87	14.79
		55265	18.63	17.99	17.97	14.52
	12RB-Low (0)	56715	18.27	17.53	17.51	14.56
		55990	18.38	17.63	17.85	14.70
		55265	18.61	17.91	17.94	14.51
	25RB (0)	56715	18.29	17.64	17.63	14.70
		55990	18.34	17.65	17.65	14.41
		55265	18.62	17.94	17.95	14.52
10MHz	1RB-High (49)	56690	18.24	18.48	18.24	14.53
		55990	18.28	18.35	18.38	14.53
		55290	18.58	18.63	18.69	14.51
	1RB-Middle (24)	56690	18.22	18.37	18.33	14.48
		55990	18.35	18.30	18.42	14.66
		55290	18.58	18.61	18.58	14.69
	1RB-Low (0)	56690	18.24	18.24	18.20	14.41
		55990	18.31	18.54	18.52	14.72
		55290	18.58	18.64	18.54	14.61
	25RB-High (25)	56690	18.31	17.60	17.62	14.77
		55990	18.31	17.69	17.65	14.46
		55290	18.58	17.87	17.84	14.57
	25RB-Middle (12)	56690	18.34	17.65	17.67	14.66
		55990	18.40	17.71	17.73	14.80
		55290	18.58	17.90	17.90	14.73
	25RB-Low (0)	56690	18.30	17.58	17.61	14.54
		55990	18.38	17.68	17.68	14.76
		55290	18.61	17.97	17.94	14.77
	50RB (0)	56690	18.34	17.59	17.60	14.70
		55990	18.41	17.73	17.71	14.72
		55290	18.56	17.84	17.88	14.42

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15MHz	1RB-High (74)	56665	18.16	17.96	17.54	14.52
		55990	18.12	18.19	17.28	14.45
		55315	18.28	18.35	17.66	14.78
	1RB-Middle (37)	56665	18.02	18.07	17.43	14.79
		55990	18.12	18.24	17.43	14.62
		55315	18.37	18.39	17.88	14.42
	1RB-Low (0)	56665	18.00	18.05	17.42	14.64
		55990	18.14	18.25	17.40	14.53
		55315	18.43	18.47	17.88	14.70
	36RB-High (38)	56665	18.22	17.49	16.53	14.63
		55990	18.22	17.52	16.52	14.49
		55315	18.37	17.68	16.69	14.77
	36RB-Middle (19)	56665	18.15	17.48	16.49	14.75
		55990	18.26	17.58	16.54	14.70
		55315	18.48	17.81	16.78	14.41
	36RB-Low (0)	56665	18.15	17.44	16.47	14.75
		55990	18.24	17.56	16.52	14.64
		55315	18.47	17.81	16.82	14.40
	75RB (0)	56665	18.16	17.45	16.48	14.72
		55990	18.25	17.60	16.60	14.61
		55315	18.43	17.75	16.74	14.55
20MHz	1RB-High (99)	56640	18.95	19.06	18.27	14.46
		55990	18.40	18.47	17.75	14.76
		55340	18.47	18.58	17.76	14.72
	1RB-Middle (50)	56640	18.87	19.06	18.05	14.80
		55990	18.52	19.09	17.84	14.70
		55340	18.55	18.56	17.90	14.55
	1RB-Low (0)	56640	18.75	18.84	18.05	14.47
		55990	18.66	18.58	17.76	14.70
		55340	18.60	18.49	17.81	14.72
	50RB-High (50)	56640	18.95	18.25	17.28	14.51
		55990	18.52	17.82	16.85	14.74
		55340	18.58	17.93	16.90	14.52
	50RB-Middle (25)	56640	18.97	18.26	17.31	14.47
		55990	18.62	17.91	16.91	14.51
		55340	18.57	17.89	16.91	14.78
	50RB-Low (0)	56640	18.87	18.21	17.21	14.52
		55990	18.64	17.90	16.92	14.55
		55340	18.64	17.93	16.96	14.78
	100RB (0)	56640	18.99	18.27	17.28	14.66
		55990	18.59	17.90	16.91	14.66
		55340	18.57	17.82	16.87	14.76

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LTE Band48(ANT10 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	17.18	17.24	17.26	14.70
		55990	17.24	17.23	17.13	14.66
		55265	17.53	17.53	17.57	14.68
	1RB-Middle (12)	56715	17.31	17.42	17.19	14.75
		55990	17.36	17.58	17.31	14.40
		55265	17.66	17.64	17.61	14.47
	1RB-Low (0)	56715	17.20	17.27	17.02	14.77
		55990	17.23	17.32	17.19	14.45
		55265	17.54	17.45	17.37	14.56
	12RB-High (13)	56715	17.30	17.34	17.38	14.40
		55990	17.27	17.27	17.33	14.65
		55265	17.64	17.67	17.61	14.58
	12RB-Middle (6)	56715	17.29	17.30	17.39	14.58
		55990	17.43	17.47	17.53	14.41
		55265	17.66	17.65	17.71	14.63
	12RB-Low (0)	56715	17.25	17.26	17.30	14.41
		55990	17.31	17.30	17.46	14.71
		55265	17.63	17.59	17.51	14.55
	25RB (0)	56715	17.28	17.33	17.31	14.68
		55990	17.36	17.41	17.34	14.42
		55265	17.63	17.58	17.58	14.60
10MHz	1RB-High (49)	56690	17.27	17.24	17.36	14.46
		55990	17.35	17.43	17.35	14.41
		55290	17.59	17.66	17.43	14.40
	1RB-Middle (24)	56690	17.24	17.23	17.32	14.76
		55990	17.36	17.62	17.36	14.46
		55290	17.62	17.59	17.57	14.55
	1RB-Low (0)	56690	17.18	17.37	17.20	14.60
		55990	17.34	17.42	17.38	14.41
		55290	17.62	17.57	17.56	14.68
	25RB-High (25)	56690	17.28	17.29	17.31	14.56
		55990	17.30	17.39	17.37	14.67
		55290	17.55	17.58	17.58	14.48
	25RB-Middle (12)	56690	17.33	17.28	17.31	14.69
		55990	17.44	17.39	17.44	14.71
		55290	17.61	17.56	17.62	14.40
	25RB-Low (0)	56690	17.26	17.30	17.30	14.54
		55990	17.39	17.38	17.40	14.43
		55290	17.62	17.62	17.64	14.63
	50RB (0)	56690	17.27	17.28	17.32	14.48
		55990	17.40	17.36	17.38	14.68
		55290	17.59	17.52	17.54	14.54

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15MHz	1RB-High (74)	56665	17.10	17.12	17.19	14.49
		55990	17.15	17.25	17.14	14.63
		55315	17.31	17.33	17.45	14.59
	1RB-Middle (37)	56665	17.07	17.15	17.15	14.54
		55990	17.21	17.25	17.14	14.69
		55315	17.44	17.44	17.35	14.64
	1RB-Low (0)	56665	16.93	17.14	17.16	14.54
		55990	17.23	17.10	17.11	14.67
		55315	17.45	17.38	17.47	14.40
	36RB-High (38)	56665	17.15	17.21	16.49	14.48
		55990	17.22	17.21	16.51	14.51
		55315	17.40	17.41	16.71	14.51
	36RB-Middle (19)	56665	17.18	17.15	16.49	14.44
		55990	17.23	17.26	16.56	14.70
		55315	17.51	17.48	16.78	14.68
	36RB-Low (0)	56665	17.17	17.14	16.48	14.68
		55990	17.23	17.25	16.61	14.73
		55315	17.52	17.49	16.79	14.78
	75RB (0)	56665	17.14	17.20	16.49	14.57
		55990	17.26	17.28	16.57	14.69
		55315	17.42	17.40	16.73	14.64
20MHz	1RB-High (99)	56640	17.93	17.94	17.91	14.55
		55990	17.41	17.48	17.37	14.67
		55340	17.42	17.74	17.49	14.58
	1RB-Middle (50)	56640	17.86	17.95	17.73	14.67
		55990	17.47	17.62	17.45	14.73
		55340	17.65	18.12	17.49	14.78
	1RB-Low (0)	56640	17.71	17.82	17.80	14.44
		55990	17.64	17.79	17.53	14.75
		55340	17.55	17.57	17.64	14.76
	50RB-High (50)	56640	17.91	17.96	17.25	14.62
		55990	17.52	17.57	16.84	14.74
		55340	17.63	17.57	16.85	14.54
	50RB-Middle (25)	56640	17.97	17.94	17.26	14.65
		55990	17.60	17.62	16.96	14.66
		55340	17.61	17.60	16.90	14.56
	50RB-Low (0)	56640	17.88	17.90	17.16	14.41
		55990	17.62	17.64	16.93	14.80
		55340	17.68	17.65	16.94	14.47
	100RB (0)	56640	17.94	17.97	17.24	14.62
		55990	17.60	17.67	16.91	14.60
		55340	17.64	17.63	16.90	14.72

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LTE Band48(ANT12 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	24.10	23.34	22.21	19.09
		55990	24.05	23.47	22.25	19.04
		55265	24.24	23.76	22.38	18.97
	1RB-Middle (12)	56715	24.03	23.50	22.27	19.01
		55990	24.30	23.67	22.43	19.08
		55265	24.28	23.84	22.54	19.02
	1RB-Low (0)	56715	23.87	23.32	22.03	18.66
		55990	24.12	23.52	22.17	18.81
		55265	24.28	23.65	22.45	18.89
	12RB-High (13)	56715	23.13	22.21	21.20	18.72
		55990	23.14	22.28	21.19	18.87
		55265	23.44	22.46	21.40	18.68
	12RB-Middle (6)	56715	23.16	22.15	21.13	18.65
		55990	23.24	22.30	21.22	19.01
		55265	23.45	22.56	21.37	18.82
	12RB-Low (0)	56715	23.09	22.05	21.06	18.96
		55990	23.20	22.19	21.08	18.94
		55265	23.39	22.49	21.47	18.83
	25RB (0)	56715	23.10	22.07	21.08	19.09
		55990	23.18	22.21	21.19	18.97
		55265	23.36	22.39	21.45	18.63
10MHz	1RB-High (49)	56690	23.93	23.37	22.34	18.67
		55990	24.11	23.54	22.28	18.80
		55290	24.40	23.70	22.54	18.71
	1RB-Middle (24)	56690	24.06	23.32	22.17	18.91
		55990	24.15	23.49	22.44	18.60
		55290	24.28	23.69	22.55	19.07
	1RB-Low (0)	56690	23.92	23.48	22.14	19.02
		55990	24.09	23.59	22.22	18.63
		55290	24.33	23.78	22.54	18.98
	25RB-High (25)	56690	23.08	22.15	21.16	18.71
		55990	23.17	22.19	21.19	18.78
		55290	23.38	22.37	21.38	18.94
	25RB-Middle (12)	56690	23.12	22.13	21.16	18.77
		55990	23.28	22.28	21.25	19.02
		55290	23.40	22.36	21.44	18.83
	25RB-Low (0)	56690	23.11	22.13	21.10	19.01
		55990	23.17	22.26	21.25	18.83
		55290	23.39	22.43	21.42	18.63
	50RB (0)	56690	23.13	22.14	21.12	18.65
		55990	23.25	22.25	21.23	19.03
		55290	23.35	22.39	21.34	18.96

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15MHz	1RB-High (74)	56665	23.76	23.23	22.16	18.77
		55990	23.93	23.41	22.34	19.06
		55315	24.04	23.36	22.35	19.08
	1RB-Middle (37)	56665	23.87	23.44	22.07	18.82
		55990	23.90	23.36	22.27	19.07
		55315	24.14	23.56	22.35	18.69
	1RB-Low (0)	56665	23.77	23.08	22.27	18.74
		55990	23.91	23.52	22.18	18.65
		55315	24.11	23.50	22.40	19.08
	36RB-High (38)	56665	22.96	21.94	20.95	18.99
		55990	23.06	22.12	21.10	19.04
		55315	23.21	22.22	21.26	18.89
	36RB-Middle (19)	56665	22.97	22.01	21.02	18.69
		55990	23.11	22.15	21.15	18.89
		55315	23.26	22.28	21.31	18.81
	36RB-Low (0)	56665	22.97	21.98	20.98	18.82
		55990	23.09	22.02	21.14	18.91
		55315	23.27	22.28	21.32	18.90
	75RB (0)	56665	23.00	22.02	21.02	18.78
		55990	23.13	22.13	21.13	19.06
		55315	23.22	22.22	21.21	18.70
20MHz	1RB-High (99)	56640	24.03	23.02	21.96	19.07
		55990	24.13	23.03	22.02	18.91
		55340	24.14	23.24	22.02	18.69
	1RB-Middle (50)	56640	24.08	23.07	22.02	18.60
		55990	24.18	23.34	21.91	18.73
		55340	24.33	23.50	22.11	18.65
	1RB-Low (0)	56640	23.97	23.31	21.93	18.99
		55990	24.04	23.02	21.95	18.70
		55340	24.34	23.26	22.36	18.69
	50RB-High (50)	56640	23.12	22.10	21.06	18.72
		55990	23.17	22.16	21.05	19.00
		55340	23.25	22.22	21.21	18.97
	50RB-Middle (25)	56640	23.21	22.18	21.12	18.79
		55990	23.21	22.13	21.11	19.06
		55340	23.29	22.22	21.22	18.64
	50RB-Low (0)	56640	23.13	22.07	21.07	18.95
		55990	23.12	22.11	21.09	18.91
		55340	23.34	22.31	21.30	18.62
	100RB (0)	56640	23.19	22.13	21.06	18.90
		55990	23.15	22.11	21.05	19.06
		55340	23.28	22.26	21.19	18.78

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LTE Band48(ANT12 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	16.45	16.56	16.62	16.52
		55990	16.51	16.55	16.50	16.70
		55265	16.78	16.84	16.92	16.59
	1RB-Middle (12)	56715	16.57	16.73	16.56	16.56
		55990	16.62	16.89	16.67	16.58
		55265	16.91	16.94	16.96	16.53
	1RB-Low (0)	56715	16.47	16.59	16.39	16.65
		55990	16.50	16.64	16.56	16.75
		55265	16.79	16.76	16.73	16.53
	12RB-High (13)	56715	16.56	16.66	16.74	16.54
		55990	16.54	16.59	16.69	16.66
		55265	16.89	16.97	16.96	16.79
	12RB-Middle (6)	56715	16.56	16.62	16.75	16.54
		55990	16.69	16.78	16.88	16.63
		55265	16.91	16.95	17.06	16.70
	12RB-Low (0)	56715	16.52	16.58	16.66	16.59
		55990	16.57	16.62	16.82	16.52
		55265	16.88	16.90	16.86	16.74
	25RB (0)	56715	16.55	16.65	16.67	16.69
		55990	16.62	16.72	16.70	16.52
		55265	16.88	16.89	16.93	16.67
10MHz	1RB-High (49)	56690	16.54	16.56	16.72	16.62
		55990	16.61	16.74	16.71	16.60
		55290	16.84	16.96	16.79	16.65
	1RB-Middle (24)	56690	16.51	16.55	16.68	16.50
		55990	16.62	16.92	16.72	16.56
		55290	16.87	16.90	16.92	16.67
	1RB-Low (0)	56690	16.45	16.68	16.57	16.72
		55990	16.60	16.73	16.74	16.63
		55290	16.87	16.88	16.91	16.71
	25RB-High (25)	56690	16.55	16.61	16.67	16.61
		55990	16.56	16.70	16.73	16.77
		55290	16.80	16.89	16.93	16.69
	25RB-Middle (12)	56690	16.59	16.60	16.67	16.52
		55990	16.70	16.70	16.80	16.58
		55290	16.86	16.87	16.97	16.75
	25RB-Low (0)	56690	16.53	16.62	16.66	16.74
		55990	16.65	16.69	16.76	16.64
		55290	16.87	16.92	16.99	16.50
	50RB (0)	56690	16.54	16.60	16.68	16.67
		55990	16.66	16.67	16.74	16.74
		55290	16.84	16.83	16.89	16.54

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15MHz	1RB-High (74)	56665	16.37	16.44	16.56	16.53
		55990	16.42	16.57	16.51	16.71
		55315	16.57	16.65	16.81	16.64
	1RB-Middle (37)	56665	16.34	16.47	16.52	16.58
		55990	16.48	16.57	16.51	16.67
		55315	16.70	16.75	16.71	16.68
	1RB-Low (0)	56665	16.21	16.46	16.53	16.77
		55990	16.50	16.43	16.48	16.71
		55315	16.71	16.69	16.83	16.52
	36RB-High (38)	56665	16.42	16.53	16.38	16.73
		55990	16.49	16.53	16.40	16.74
		55315	16.66	16.72	16.59	16.52
	36RB-Middle (19)	56665	16.45	16.47	16.38	16.62
		55990	16.50	16.58	16.45	16.63
		55315	16.77	16.79	16.66	16.76
	36RB-Low (0)	56665	16.44	16.46	16.37	16.57
		55990	16.50	16.57	16.50	16.80
		55315	16.78	16.80	16.67	16.69
	75RB (0)	56665	16.41	16.52	16.38	16.80
		55990	16.53	16.60	16.46	16.77
		55315	16.68	16.71	16.61	16.69
20MHz	1RB-High (99)	56640	16.67	16.79	16.73	16.59
		55990	16.84	16.79	16.87	16.63
		55340	16.92	16.85	16.80	16.54
	1RB-Middle (50)	56640	16.75	16.97	16.85	16.79
		55990	16.81	17.06	16.80	16.70
		55340	17.04	17.05	16.92	16.58
	1RB-Low (0)	56640	16.70	16.67	16.68	16.76
		55990	16.80	16.77	16.73	16.78
		55340	16.98	17.09	17.10	16.69
	50RB-High (50)	56640	16.73	16.78	16.80	16.75
		55990	16.83	16.86	16.87	16.75
		55340	17.06	17.07	17.00	16.65
	50RB-Middle (25)	56640	16.82	16.84	16.87	16.70
		55990	16.92	16.88	16.93	16.53
		55340	17.14	17.11	17.05	16.63
	50RB-Low (0)	56640	16.76	16.83	16.80	16.72
		55990	16.86	16.92	16.88	16.69
		55340	17.08	17.13	17.08	16.67
	100RB (0)	56640	16.81	16.84	16.83	16.80
		55990	16.89	16.91	16.88	16.59
		55340	17.01	17.05	17.04	16.63

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LTE Band48(ANT12 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	14.60	14.60	14.61	15.10
		55990	14.64	14.59	14.51	14.90
		55265	14.89	14.85	14.87	15.21
	1RB-Middle (12)	56715	14.70	14.75	14.56	15.11
		55990	14.74	14.89	14.66	15.05
		55265	15.00	14.94	14.91	14.87
	1RB-Low (0)	56715	14.62	14.63	14.41	15.16
		55990	14.63	14.66	14.56	15.24
		55265	14.90	14.77	14.71	15.07
	12RB-High (13)	56715	14.69	14.68	14.72	15.25
		55990	14.67	14.63	14.67	15.09
		55265	14.98	14.95	14.91	14.89
	12RB-Middle (6)	56715	14.69	14.65	14.73	15.12
		55990	14.81	14.79	14.84	15.18
		55265	15.00	14.95	15.00	15.07
	12RB-Low (0)	56715	14.65	14.62	14.65	15.22
		55990	14.70	14.65	14.79	15.11
		55265	14.97	14.90	14.83	14.94
	25RB (0)	56715	14.68	14.67	14.66	15.08
		55990	14.74	14.74	14.68	14.97
		55265	14.97	14.89	14.88	15.03
10MHz	1RB-High (49)	56690	14.67	14.60	14.70	15.10
		55990	14.74	14.75	14.69	15.05
		55290	14.95	14.95	14.76	14.92
	1RB-Middle (24)	56690	14.64	14.59	14.66	15.16
		55990	14.74	14.92	14.70	15.08
		55290	14.96	14.90	14.87	14.97
	1RB-Low (0)	56690	14.60	14.70	14.57	15.14
		55990	14.73	14.75	14.72	15.10
		55290	14.96	14.88	14.86	15.24
	25RB-High (25)	56690	14.68	14.65	14.66	15.17
		55990	14.69	14.72	14.71	15.02
		55290	14.91	14.89	14.88	15.25
	25RB-Middle (12)	56690	14.72	14.64	14.66	15.06
		55990	14.82	14.72	14.77	15.12
		55290	14.95	14.87	14.92	15.19
	25RB-Low (0)	56690	14.66	14.65	14.65	15.14
		55990	14.77	14.71	14.74	15.05
		55290	14.96	14.92	14.94	15.23
	50RB (0)	56690	14.67	14.64	14.66	15.06
		55990	14.78	14.69	14.72	15.25
		55290	14.95	14.84	14.85	15.20

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15MHz	1RB-High (74)	56665	14.53	14.49	14.56	15.04
		55990	14.57	14.61	14.52	15.24
		55315	14.70	14.67	14.78	15.12
	1RB-Middle (37)	56665	14.50	14.52	14.53	15.00
		55990	14.63	14.61	14.52	15.23
		55315	14.82	14.76	14.69	15.25
	1RB-Low (0)	56665	14.38	14.51	14.54	14.93
		55990	14.63	14.48	14.49	14.91
		55315	14.83	14.71	14.80	15.08
	36RB-High (38)	56665	14.57	14.57	14.40	15.12
		55990	14.63	14.57	14.42	14.88
		55315	14.78	14.74	14.58	15.08
	36RB-Middle (19)	56665	14.60	14.52	14.40	15.08
		55990	14.63	14.62	14.46	14.92
		55315	14.88	14.80	14.65	15.01
	36RB-Low (0)	56665	14.59	14.51	14.39	15.07
		55990	14.63	14.61	14.51	15.12
		55315	14.89	14.81	14.66	15.01
	75RB (0)	56665	14.56	14.56	14.40	15.01
		55990	14.66	14.64	14.47	15.01
		55315	14.80	14.73	14.60	15.15
20MHz	1RB-High (99)	56640	14.79	14.80	14.71	14.90
		55990	14.78	14.76	14.68	15.23
		55340	14.95	15.07	14.92	15.02
	1RB-Middle (50)	56640	14.81	14.87	14.64	15.19
		55990	14.72	14.70	14.60	15.19
		55340	15.14	15.08	15.02	15.19
	1RB-Low (0)	56640	14.89	14.77	14.76	14.95
		55990	14.74	14.80	14.86	15.10
		55340	15.04	14.98	14.98	15.21
	50RB-High (50)	56640	14.83	14.84	14.85	14.90
		55990	14.79	14.80	14.77	14.97
		55340	15.14	15.13	15.15	15.12
	50RB-Middle (25)	56640	14.96	14.92	14.91	15.02
		55990	14.80	14.80	14.80	15.23
		55340	15.18	15.21	15.22	15.09
	50RB-Low (0)	56640	14.91	14.84	14.91	14.92
		55990	14.75	14.83	14.78	14.88
		55340	15.16	15.15	15.12	15.19
	100RB (0)	56640	14.92	14.91	14.92	14.98
		55990	14.81	14.79	14.82	15.01
		55340	15.07	15.12	15.11	15.13

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LTE Band48(ANT12 DSI 9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	22.08	22.26	22.13	19.05
		55990	22.12	22.26	21.97	19.04
		55265	22.46	22.42	22.45	18.99
	1RB-Middle (12)	56715	22.20	22.63	22.11	18.84
		55990	22.22	22.47	22.17	18.74
		55265	22.50	22.71	22.57	18.88
	1RB-Low (0)	56715	22.08	22.12	22.06	18.92
		55990	22.12	22.27	22.17	18.87
		55265	22.43	22.50	22.39	19.01
	12RB-High (13)	56715	22.16	21.90	21.01	18.62
		55990	22.15	22.01	21.06	18.81
		55265	22.51	22.25	21.30	19.05
	12RB-Middle (6)	56715	22.16	22.02	20.99	18.60
		55990	22.24	22.12	21.12	19.02
		55265	22.50	22.30	21.33	18.92
	12RB-Low (0)	56715	22.14	21.97	20.97	19.00
		55990	22.25	21.96	20.97	19.06
		55265	22.44	22.22	21.21	18.71
	25RB (0)	56715	22.17	22.03	20.98	18.88
		55990	22.21	22.04	21.03	18.60
		55265	22.47	22.28	21.26	18.97
10MHz	1RB-High (49)	56690	22.19	22.22	22.13	19.01
		55990	22.17	22.39	22.08	18.93
		55290	22.45	22.66	22.36	18.65
	1RB-Middle (24)	56690	22.12	22.12	22.19	19.06
		55990	22.23	22.29	22.26	18.94
		55290	22.43	22.46	22.59	18.66
	1RB-Low (0)	56690	22.09	22.31	22.12	18.95
		55990	22.18	22.19	22.19	19.08
		55290	22.45	22.68	22.53	18.65
	25RB-High (25)	56690	22.20	22.01	21.01	18.66
		55990	22.18	21.90	20.99	18.61
		55290	22.44	22.22	21.22	18.91
	25RB-Middle (12)	56690	22.19	22.00	21.02	18.67
		55990	22.27	22.07	21.07	18.80
		55290	22.45	22.23	21.24	18.86
	25RB-Low (0)	56690	22.13	21.89	20.93	18.89
		55990	22.22	22.06	21.04	18.85
		55290	22.52	22.27	21.27	18.61
	50RB (0)	56690	22.19	21.94	20.97	19.02
		55990	22.27	22.03	21.08	18.97
		55290	22.48	22.21	21.20	18.69

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15MHz	1RB-High (74)	56665	21.87	22.03	21.91	19.04
		55990	21.95	22.00	21.87	18.93
		55315	22.24	22.27	22.01	18.63
	1RB-Middle (37)	56665	21.93	21.95	21.90	18.79
		55990	22.06	21.93	21.88	18.87
		55315	22.29	22.24	22.11	18.76
	1RB-Low (0)	56665	21.94	22.00	21.93	18.74
		55990	21.91	22.04	21.90	19.07
		55315	22.24	22.31	22.33	18.74
	36RB-High (38)	56665	22.06	21.92	20.87	18.74
		55990	22.04	21.87	20.88	18.78
		55315	22.24	22.04	21.10	18.90
	36RB-Middle (19)	56665	22.03	21.84	20.84	18.74
		55990	22.10	21.90	20.91	19.00
		55315	22.33	22.17	21.17	19.03
	36RB-Low (0)	56665	21.99	21.79	20.83	18.78
		55990	22.11	21.90	20.90	18.92
		55315	22.30	22.16	21.14	18.81
	75RB (0)	56665	22.01	21.86	20.84	18.69
		55990	22.10	21.90	20.94	18.94
		55315	22.29	22.10	21.06	18.72
20MHz	1RB-High (99)	56640	22.12	22.20	21.91	18.97
		55990	22.10	22.31	22.02	18.82
		55340	22.35	22.32	22.06	19.10
	1RB-Middle (50)	56640	22.18	22.19	21.75	19.01
		55990	22.17	22.75	22.00	18.76
		55340	22.31	22.44	22.06	18.86
	1RB-Low (0)	56640	22.00	22.07	21.79	18.67
		55990	22.15	22.05	21.91	18.82
		55340	22.45	22.29	22.23	18.90
	50RB-High (50)	56640	22.21	21.99	20.94	18.99
		55990	22.17	22.00	21.04	18.99
		55340	22.35	22.15	21.14	18.74
	50RB-Middle (25)	56640	22.17	22.02	20.96	18.96
		55990	22.25	22.11	21.02	18.93
		55340	22.35	22.16	21.14	18.71
	50RB-Low (0)	56640	22.18	21.93	20.98	18.91
		55990	22.20	22.01	20.99	18.90
		55340	22.44	22.24	21.24	18.96
	100RB (0)	56640	22.26	22.02	21.03	18.68
		55990	22.26	22.04	20.94	18.95
		55340	22.36	22.13	21.14	19.01

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LTE Band48(ANT12 DSI 15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
5MHz	1RB-High (24)	56715	14.10	14.11	14.16	14.40
		55990	14.14	14.10	14.07	14.21
		55265	14.38	14.35	14.42	14.51
	1RB-Middle (12)	56715	14.19	14.25	14.11	14.41
		55990	14.23	14.39	14.21	14.35
		55265	14.48	14.44	14.45	14.18
	1RB-Low (0)	56715	14.12	14.14	13.97	14.46
		55990	14.13	14.16	14.11	14.53
		55265	14.39	14.27	14.26	14.37
	12RB-High (13)	56715	14.18	14.18	14.27	14.54
		55990	14.16	14.14	14.22	14.39
		55265	14.46	14.44	14.45	14.20
	12RB-Middle (6)	56715	14.18	14.16	14.28	14.42
		55990	14.30	14.29	14.39	14.48
		55265	14.48	14.44	14.54	14.37
	12RB-Low (0)	56715	14.14	14.13	14.20	14.52
		55990	14.19	14.16	14.34	14.41
		55265	14.45	14.40	14.38	14.25
	25RB (0)	56715	14.17	14.17	14.21	14.38
		55990	14.23	14.24	14.23	14.28
		55265	14.45	14.39	14.42	14.33
10MHz	1RB-High (49)	56690	14.16	14.11	14.25	14.40
		55990	14.23	14.25	14.24	14.35
		55290	14.43	14.44	14.31	14.23
	1RB-Middle (24)	56690	14.14	14.10	14.21	14.46
		55990	14.23	14.42	14.25	14.38
		55290	14.44	14.40	14.42	14.28
	1RB-Low (0)	56690	14.10	14.20	14.12	14.44
		55990	14.22	14.25	14.27	14.40
		55290	14.44	14.38	14.41	14.53
	25RB-High (25)	56690	14.17	14.16	14.21	14.47
		55990	14.18	14.22	14.26	14.32
		55290	14.40	14.39	14.42	14.54
	25RB-Middle (12)	56690	14.21	14.15	14.21	14.36
		55990	14.31	14.22	14.32	14.42
		55290	14.43	14.37	14.46	14.49
	25RB-Low (0)	56690	14.15	14.16	14.20	14.44
		55990	14.26	14.21	14.29	14.35
		55290	14.44	14.42	14.48	14.52
	50RB (0)	56690	14.16	14.15	14.21	14.36
		55990	14.27	14.19	14.27	14.54
		55290	14.43	14.34	14.40	14.50

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15MHz	1RB-High (74)	56665	14.03	14.00	14.11	14.34
		55990	14.07	14.12	14.08	14.53
		55315	14.19	14.17	14.33	14.42
	1RB-Middle (37)	56665	14.00	14.03	14.09	14.31
		55990	14.13	14.12	14.08	14.52
		55315	14.31	14.26	14.24	14.54
	1RB-Low (0)	56665	13.88	14.02	14.10	14.24
		55990	14.13	13.99	14.05	14.22
		55315	14.32	14.21	14.35	14.38
	36RB-High (38)	56665	14.07	14.08	13.96	14.42
		55990	14.13	14.08	13.98	14.19
		55315	14.27	14.24	14.13	14.38
	36RB-Middle (19)	56665	14.10	14.03	13.96	14.38
		55990	14.13	14.13	14.02	14.23
		55315	14.37	14.30	14.20	14.31
	36RB-Low (0)	56665	14.09	14.02	13.95	14.37
		55990	14.13	14.12	14.07	14.42
		55315	14.38	14.31	14.21	14.31
	75RB (0)	56665	14.06	14.07	13.96	14.31
		55990	14.15	14.15	14.03	14.31
		55315	14.29	14.23	14.15	14.45
20MHz	1RB-High (99)	56640	14.28	14.30	14.26	14.21
		55990	14.36	14.30	14.23	14.52
		55340	14.65	14.38	14.55	14.32
	1RB-Middle (50)	56640	14.33	14.44	14.28	14.49
		55990	14.34	14.59	14.39	14.49
		55340	14.56	14.66	14.57	14.49
	1RB-Low (0)	56640	14.34	14.39	14.35	14.26
		55990	14.24	14.27	14.08	14.40
		55340	14.55	14.56	14.44	14.51
	50RB-High (50)	56640	14.35	14.37	14.33	14.21
		55990	14.31	14.31	14.32	14.28
		55340	14.65	14.65	14.60	14.42
	50RB-Middle (25)	56640	14.41	14.40	14.46	14.32
		55990	14.35	14.33	14.36	14.52
		55340	14.70	14.69	14.70	14.39
	50RB-Low (0)	56640	14.39	14.42	14.42	14.23
		55990	14.34	14.30	14.30	14.19
		55340	14.67	14.69	14.69	14.49
	100RB (0)	56640	14.40	14.42	14.42	14.29
		55990	14.37	14.30	14.35	14.31
		55340	14.62	14.63	14.60	14.43

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LTE Band66(ANT0 DSI 4/15)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	17.77	17.90	17.69	16.95
		1745 (132322)	18.15	18.49	18.22	16.95
		1710.7 (131979)	18.57	18.74	18.67	17.00
	1RB-Middle (3)	1779.3 (132665)	17.75	18.08	17.85	16.98
		1745 (132322)	18.14	18.39	18.35	16.90
		1710.7 (131979)	18.54	18.53	18.73	17.20
	1RB-Low (0)	1779.3 (132665)	17.75	17.98	17.65	17.03
		1745 (132322)	18.19	18.47	18.19	17.09
		1710.7 (131979)	18.55	18.40	18.69	17.30
	3RB-High (3)	1779.3 (132665)	17.71	17.90	17.71	17.14
		1745 (132322)	18.19	18.32	18.23	16.93
		1710.7 (131979)	18.50	18.68	18.55	17.30
	3RB-Middle (1)	1779.3 (132665)	17.67	17.97	17.72	17.02
		1745 (132322)	18.17	18.38	18.27	17.18
		1710.7 (131979)	18.53	18.72	18.61	17.11
	3RB-Low (0)	1779.3 (132665)	17.74	17.98	17.82	17.04
		1745 (132322)	18.17	18.27	18.26	16.93
		1710.7 (131979)	18.64	18.65	18.66	17.14
	6RB (0)	1779.3 (132665)	17.75	17.73	17.70	17.22
		1745 (132322)	18.14	18.26	18.16	17.21
		1710.7 (131979)	18.57	18.57	18.60	17.22
3MHz	1RB-High (14)	1778.5 (132657)	17.70	18.02	17.72	17.17
		1745 (132322)	18.07	18.36	18.41	17.10
		1711.5 (131987)	18.49	18.75	18.66	17.21
	1RB-Middle (7)	1778.5 (132657)	17.84	18.00	17.94	17.04
		1745 (132322)	18.20	18.41	18.26	16.99
		1711.5 (131987)	18.63	18.54	18.77	17.09
	1RB-Low (0)	1778.5 (132657)	17.75	18.23	17.77	17.01
		1745 (132322)	18.15	18.45	18.34	16.92
		1711.5 (131987)	18.60	18.45	18.66	17.08
	8RB-High (7)	1778.5 (132657)	17.74	17.87	17.79	17.28
		1745 (132322)	18.22	18.25	18.27	17.25
		1711.5 (131987)	18.58	18.62	18.57	16.98
	8RB-Middle (4)	1778.5 (132657)	17.70	17.81	17.69	16.99
		1745 (132322)	18.30	18.33	18.24	16.94
		1711.5 (131987)	18.64	18.69	18.69	16.96
	8RB-Low (0)	1778.5 (132657)	17.64	17.72	17.72	16.92
		1745 (132322)	18.19	18.34	18.23	17.21
		1711.5 (131987)	18.59	18.64	18.61	17.29
	15RB (0)	1778.5 (132657)	17.67	17.78	17.66	17.00
		1745 (132322)	18.21	18.21	18.20	17.30
		1711.5 (131987)	18.62	18.61	18.63	17.06

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5MHz	1RB-High (24)	1777.5 (132647)	17.78	18.03	17.81	16.99
		1745 (132322)	18.13	18.67	18.24	17.28
		1712.5 (131997)	18.59	18.40	18.74	17.24
	1RB-Middle (12)	1777.5 (132647)	17.82	18.17	17.87	17.02
		1745 (132322)	18.20	18.54	18.45	17.27
		1712.5 (131997)	18.61	18.62	18.80	17.18
	1RB-Low (0)	1777.5 (132647)	17.82	18.14	17.81	17.01
		1745 (132322)	18.15	18.40	18.31	17.16
		1712.5 (131997)	18.57	18.38	18.67	17.13
	12RB-High (13)	1777.5 (132647)	17.76	17.78	17.72	17.27
		1745 (132322)	18.19	18.20	18.18	17.04
		1712.5 (131997)	18.54	18.65	18.63	17.04
	12RB-Middle (6)	1777.5 (132647)	17.84	17.82	17.81	16.95
		1745 (132322)	18.22	18.25	18.24	16.90
		1712.5 (131997)	18.58	18.60	18.60	17.15
	12RB-Low (0)	1777.5 (132647)	17.70	17.79	17.77	17.12
		1745 (132322)	18.11	18.22	18.20	17.03
		1712.5 (131997)	18.57	18.59	18.62	16.90
	25RB (0)	1777.5 (132647)	17.76	17.81	17.82	17.02
		1745 (132322)	18.23	18.22	18.23	16.90
		1712.5 (131997)	18.56	18.58	18.58	17.08
10MHz	1RB-High (49)	1775 (132622)	17.77	18.10	17.87	16.91
		1745 (132322)	18.08	18.44	18.30	17.13
		1715 (132022)	18.56	18.36	18.67	17.21
	1RB-Middle (24)	1775 (132622)	17.85	17.99	17.75	16.91
		1745 (132322)	18.17	18.44	18.47	17.16
		1715 (132022)	18.58	18.47	18.67	17.18
	1RB-Low (0)	1775 (132622)	17.81	18.03	17.93	17.10
		1745 (132322)	18.24	18.50	18.53	16.90
		1715 (132022)	18.44	18.71	18.66	16.99
	25RB-High (25)	1775 (132622)	17.83	17.84	17.75	17.19
		1745 (132322)	18.20	18.19	18.22	16.96
		1715 (132022)	18.68	18.69	18.68	17.16
	25RB-Middle (12)	1775 (132622)	17.71	17.77	17.67	17.29
		1745 (132322)	18.23	18.37	18.26	17.18
		1715 (132022)	18.65	18.65	18.64	17.29
	25RB-Low (0)	1775 (132622)	17.73	17.69	17.81	16.96
		1745 (132322)	18.32	18.24	18.25	17.24
		1715 (132022)	18.57	18.54	18.60	17.21
	50RB (0)	1775 (132622)	17.71	17.73	17.68	17.01
		1745 (132322)	18.19	18.31	18.30	17.17
		1715 (132022)	18.60	18.60	18.61	17.18

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15MHz	1RB-High (74)	1772.5 (132597)	17.47	17.91	17.90	16.94
		1745 (132322)	17.99	18.29	18.16	16.96
		1717.5 (132047)	18.42	18.71	18.40	16.90
	1RB-Middle (37)	1772.5 (132597)	17.53	17.88	17.78	16.94
		1745 (132322)	18.00	18.33	18.24	17.05
		1717.5 (132047)	18.41	18.38	18.62	17.07
	1RB-Low (0)	1772.5 (132597)	17.66	17.88	17.98	17.02
		1745 (132322)	18.17	18.43	18.27	17.23
		1717.5 (132047)	18.36	18.74	18.64	17.30
	36RB-High (38)	1772.5 (132597)	17.70	17.62	17.64	17.25
		1745 (132322)	18.01	18.04	18.01	17.15
		1717.5 (132047)	18.45	18.54	18.55	17.08
	36RB-Middle (19)	1772.5 (132597)	17.61	17.61	17.60	17.17
		1745 (132322)	18.20	18.10	18.15	16.92
		1717.5 (132047)	18.50	18.53	18.52	16.94
	36RB-Low (0)	1772.5 (132597)	17.57	17.62	17.67	17.28
		1745 (132322)	18.11	18.06	18.10	17.06
		1717.5 (132047)	18.39	18.37	18.38	17.11
	75RB (0)	1772.5 (132597)	17.69	17.64	17.67	17.30
		1745 (132322)	18.16	18.15	18.23	16.90
		1717.5 (132047)	18.52	18.44	18.55	17.13
20MHz	1RB-High (99)	1770 (132572)	17.22	17.72	17.40	16.93
		1745 (132322)	17.83	18.08	17.73	17.28
		1720 (132072)	18.29	18.57	18.35	17.16
	1RB-Middle (50)	1770 (132572)	17.45	17.79	17.56	17.05
		1745 (132322)	17.95	18.18	18.14	17.07
		1720 (132072)	18.39	18.53	18.51	17.28
	1RB-Low (0)	1770 (132572)	17.56	17.77	17.69	17.25
		1745 (132322)	18.14	18.50	18.36	17.30
		1720 (132072)	18.29	18.52	18.45	17.11
	50RB-High (50)	1770 (132572)	17.46	17.56	17.54	17.02
		1745 (132322)	17.91	17.90	17.90	17.07
		1720 (132072)	18.34	18.44	18.36	17.02
	50RB-Middle (25)	1770 (132572)	17.55	17.58	17.55	16.91
		1745 (132322)	18.08	18.02	18.07	17.08
		1720 (132072)	18.42	18.38	18.44	17.14
	50RB-Low (0)	1770 (132572)	17.48	17.59	17.47	17.18
		1745 (132322)	17.98	18.08	17.98	16.95
		1720 (132072)	18.32	18.35	18.32	17.18
	100RB (0)	1770 (132572)	17.57	17.57	17.58	17.14
		1745 (132322)	18.07	18.01	18.10	17.26
		1720 (132072)	18.36	18.41	18.39	17.28

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LTE Band66(ANT0 DSI 9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	15.66	16.12	15.69	15.94
		1745 (132322)	16.14	16.63	16.22	15.74
		1710.7 (131979)	16.57	16.71	16.68	16.03
	1RB-Middle (3)	1779.3 (132665)	15.71	16.20	15.81	16.09
		1745 (132322)	16.25	16.63	16.38	16.04
		1710.7 (131979)	16.60	16.79	16.79	15.71
	1RB-Low (0)	1779.3 (132665)	15.70	15.98	15.86	16.27
		1745 (132322)	16.23	16.52	16.21	15.84
		1710.7 (131979)	16.62	16.77	16.65	15.85
	3RB-High (3)	1779.3 (132665)	15.81	15.85	15.74	15.70
		1745 (132322)	16.21	16.32	16.37	16.14
		1710.7 (131979)	16.58	16.64	16.61	15.97
	3RB-Middle (1)	1779.3 (132665)	15.77	15.85	15.80	16.01
		1745 (132322)	16.28	16.34	16.27	15.83
		1710.7 (131979)	16.63	16.68	16.64	15.69
	3RB-Low (0)	1779.3 (132665)	15.67	15.87	15.84	16.34
		1745 (132322)	16.26	16.35	16.23	15.69
		1710.7 (131979)	16.61	16.61	16.79	16.28
	6RB (0)	1779.3 (132665)	15.70	15.76	15.73	15.73
		1745 (132322)	16.19	16.43	16.20	16.01
		1710.7 (131979)	16.63	16.63	16.61	15.94
3MHz	1RB-High (14)	1778.5 (132657)	15.68	16.02	15.81	16.18
		1745 (132322)	16.13	16.37	16.32	16.27
		1711.5 (131987)	16.51	16.64	16.62	16.24
	1RB-Middle (7)	1778.5 (132657)	15.78	16.06	15.87	16.18
		1745 (132322)	16.24	16.45	16.43	15.73
		1711.5 (131987)	16.68	16.73	16.66	16.30
	1RB-Low (0)	1778.5 (132657)	15.65	15.98	15.68	16.08
		1745 (132322)	16.14	16.49	16.28	16.23
		1711.5 (131987)	16.54	16.70	16.64	16.26
	8RB-High (7)	1778.5 (132657)	15.79	15.85	15.84	16.08
		1745 (132322)	16.28	16.30	16.30	16.00
		1711.5 (131987)	16.62	16.70	16.75	15.82
	8RB-Middle (4)	1778.5 (132657)	15.76	15.81	15.76	15.83
		1745 (132322)	16.26	16.41	16.31	16.13
		1711.5 (131987)	16.67	16.73	16.65	15.90
	8RB-Low (0)	1778.5 (132657)	15.81	15.76	15.79	16.14
		1745 (132322)	16.27	16.24	16.25	16.32
		1711.5 (131987)	16.59	16.70	16.70	16.21
	15RB (0)	1778.5 (132657)	15.66	15.67	15.74	15.92
		1745 (132322)	16.26	16.25	16.28	15.81
		1711.5 (131987)	16.63	16.64	16.64	15.88

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5MHz	1RB-High (24)	1777.5 (132647)	15.68	16.03	15.76	15.92
		1745 (132322)	16.13	16.52	16.29	16.07
		1712.5 (131997)	16.57	16.73	16.68	15.86
	1RB-Middle (12)	1777.5 (132647)	15.73	16.14	15.97	16.23
		1745 (132322)	16.24	16.55	16.42	15.76
		1712.5 (131997)	16.63	16.78	16.69	15.89
	1RB-Low (0)	1777.5 (132647)	15.68	16.01	15.96	16.02
		1745 (132322)	16.21	16.44	16.31	15.85
		1712.5 (131997)	16.53	16.64	16.72	16.22
	12RB-High (13)	1777.5 (132647)	15.71	15.88	15.76	15.93
		1745 (132322)	16.25	16.26	16.23	16.10
		1712.5 (131997)	16.66	16.62	16.60	16.32
	12RB-Middle (6)	1777.5 (132647)	15.83	15.81	15.81	15.83
		1745 (132322)	16.31	16.30	16.27	15.77
		1712.5 (131997)	16.62	16.71	16.70	15.83
	12RB-Low (0)	1777.5 (132647)	15.79	15.75	15.73	15.88
		1745 (132322)	16.17	16.17	16.18	15.80
		1712.5 (131997)	16.59	16.60	16.56	15.92
	25RB (0)	1777.5 (132647)	15.74	15.87	15.78	15.72
		1745 (132322)	16.21	16.31	16.19	15.89
		1712.5 (131997)	16.60	16.67	16.55	16.13
10MHz	1RB-High (49)	1775 (132622)	15.71	15.92	15.81	15.70
		1745 (132322)	16.05	16.39	16.23	16.10
		1715 (132022)	16.55	16.75	16.71	16.06
	1RB-Middle (24)	1775 (132622)	15.73	16.11	16.02	15.77
		1745 (132322)	16.17	16.40	16.36	15.90
		1715 (132022)	16.56	16.72	16.61	15.73
	1RB-Low (0)	1775 (132622)	15.71	15.90	15.91	15.98
		1745 (132322)	16.21	16.62	16.43	15.90
		1715 (132022)	16.49	16.71	16.74	16.13
	25RB-High (25)	1775 (132622)	15.74	15.83	15.76	16.01
		1745 (132322)	16.18	16.23	16.18	16.34
		1715 (132022)	16.54	16.63	16.61	15.85
	25RB-Middle (12)	1775 (132622)	15.63	15.75	15.69	15.87
		1745 (132322)	16.26	16.30	16.22	15.70
		1715 (132022)	16.60	16.58	16.56	15.97
	25RB-Low (0)	1775 (132622)	15.77	15.66	15.65	15.97
		1745 (132322)	16.12	16.24	16.19	16.21
		1715 (132022)	16.58	16.61	16.59	15.93
	50RB (0)	1775 (132622)	15.67	15.59	15.66	15.93
		1745 (132322)	16.22	16.22	16.20	15.84
		1715 (132022)	16.58	16.64	16.52	16.19

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15MHz	1RB-High (74)	1772.5 (132597)	15.38	15.61	15.69	16.15
		1745 (132322)	15.85	16.32	16.08	15.91
		1717.5 (132047)	16.41	16.63	16.53	15.97
	1RB-Middle (37)	1772.5 (132597)	15.58	15.82	15.81	15.98
		1745 (132322)	15.94	16.45	16.24	16.00
		1717.5 (132047)	16.36	16.67	16.42	16.25
	1RB-Low (0)	1772.5 (132597)	15.79	15.86	15.91	15.80
		1745 (132322)	16.11	16.45	16.25	16.07
		1717.5 (132047)	16.29	16.61	16.38	16.07
	36RB-High (38)	1772.5 (132597)	15.62	15.64	15.59	16.08
		1745 (132322)	16.00	16.07	15.98	16.01
		1717.5 (132047)	16.40	16.46	16.44	15.78
	36RB-Middle (19)	1772.5 (132597)	15.59	15.58	15.53	16.35
		1745 (132322)	16.10	16.16	16.06	15.93
		1717.5 (132047)	16.49	16.46	16.41	15.95
	36RB-Low (0)	1772.5 (132597)	15.65	15.64	15.57	15.69
		1745 (132322)	16.11	16.09	16.12	15.91
		1717.5 (132047)	16.42	16.41	16.29	16.31
	75RB (0)	1772.5 (132597)	15.55	15.54	15.60	16.29
		1745 (132322)	16.20	16.07	16.13	15.88
		1717.5 (132047)	16.49	16.45	16.42	16.14
20MHz	1RB-High (99)	1770 (132572)	15.30	15.76	15.55	15.88
		1745 (132322)	15.82	15.94	16.00	15.83
		1720 (132072)	16.29	16.74	16.49	16.09
	1RB-Middle (50)	1770 (132572)	15.48	15.71	15.62	15.78
		1745 (132322)	15.93	16.26	16.11	15.77
		1720 (132072)	16.38	16.53	16.50	15.93
	1RB-Low (0)	1770 (132572)	15.52	16.02	15.79	15.80
		1745 (132322)	16.15	16.31	16.16	16.14
		1720 (132072)	16.34	16.80	16.54	15.99
	50RB-High (50)	1770 (132572)	15.54	15.53	15.63	15.94
		1745 (132322)	15.93	15.93	15.93	16.33
		1720 (132072)	16.38	16.43	16.37	15.73
	50RB-Middle (25)	1770 (132572)	15.63	15.64	15.62	16.00
		1745 (132322)	16.05	16.04	16.04	15.70
		1720 (132072)	16.41	16.37	16.47	15.95
	50RB-Low (0)	1770 (132572)	15.56	15.59	15.66	16.05
		1745 (132322)	16.04	16.05	16.05	16.00
		1720 (132072)	16.39	16.28	16.27	16.29
	100RB (0)	1770 (132572)	15.55	15.68	15.63	15.78
		1745 (132322)	16.07	16.05	16.05	16.21
		1720 (132072)	16.42	16.49	16.39	16.08

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LTE Band66(ANT0 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	19.73	20.12	19.77	17.25
		1745 (132322)	20.14	20.43	20.38	17.20
		1710.7 (131979)	20.48	20.57	20.75	17.20
	1RB-Middle (3)	1779.3 (132665)	19.73	20.17	19.78	17.25
		1745 (132322)	20.16	20.47	20.30	17.12
		1710.7 (131979)	20.51	20.53	20.72	17.11
	1RB-Low (0)	1779.3 (132665)	19.68	19.86	19.74	17.22
		1745 (132322)	20.08	20.62	20.21	17.26
		1710.7 (131979)	20.51	20.66	20.49	17.10
	3RB-High (3)	1779.3 (132665)	19.75	19.93	19.76	17.24
		1745 (132322)	20.22	20.37	20.24	17.04
		1710.7 (131979)	20.46	20.72	20.56	17.04
	3RB-Middle (1)	1779.3 (132665)	19.79	19.88	19.81	17.25
		1745 (132322)	20.18	20.33	20.28	17.11
		1710.7 (131979)	20.48	20.72	20.72	17.08
	3RB-Low (0)	1779.3 (132665)	19.76	19.97	19.69	16.94
		1745 (132322)	20.21	20.25	20.36	16.94
		1710.7 (131979)	20.57	20.59	20.65	17.28
	6RB (0)	1779.3 (132665)	19.76	19.76	18.73	16.92
		1745 (132322)	20.21	20.28	19.13	16.95
		1710.7 (131979)	20.58	20.53	19.49	17.13
3MHz	1RB-High (14)	1778.5 (132657)	19.84	19.94	19.94	17.19
		1745 (132322)	19.47	20.47	20.33	17.04
		1711.5 (131987)	19.90	20.61	20.57	17.01
	1RB-Middle (7)	1778.5 (132657)	19.89	20.09	19.90	17.22
		1745 (132322)	19.54	20.52	20.36	17.04
		1711.5 (131987)	20.02	20.77	20.62	17.11
	1RB-Low (0)	1778.5 (132657)	19.90	19.93	19.73	16.93
		1745 (132322)	19.46	20.57	20.38	17.21
		1711.5 (131987)	19.63	20.71	20.46	17.22
	8RB-High (7)	1778.5 (132657)	19.97	19.80	18.82	16.95
		1745 (132322)	19.56	20.26	19.31	17.06
		1711.5 (131987)	20.66	20.65	19.66	17.29
	8RB-Middle (4)	1778.5 (132657)	19.87	19.75	18.82	17.12
		1745 (132322)	19.55	20.31	19.26	17.01
		1711.5 (131987)	20.65	20.72	19.60	17.15
	8RB-Low (0)	1778.5 (132657)	19.87	19.81	18.74	17.09
		1745 (132322)	19.53	20.32	19.22	17.20
		1711.5 (131987)	20.61	20.64	19.60	17.27
	15RB (0)	1778.5 (132657)	19.89	19.72	18.71	17.16
		1745 (132322)	19.58	20.28	19.25	17.04
		1711.5 (131987)	20.62	20.56	19.52	17.20

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5MHz	1RB-High (24)	1777.5 (132647)	19.75	20.13	19.87	17.10
		1745 (132322)	20.16	20.52	20.37	17.04
		1712.5 (131997)	20.58	20.58	20.66	17.14
	1RB-Middle (12)	1777.5 (132647)	19.74	20.14	19.83	17.10
		1745 (132322)	20.20	20.66	20.30	17.30
		1712.5 (131997)	20.55	20.45	20.41	17.14
	1RB-Low (0)	1777.5 (132647)	19.70	19.94	19.90	17.11
		1745 (132322)	20.14	20.54	20.19	17.11
		1712.5 (131997)	20.55	20.58	20.65	17.15
	12RB-High (13)	1777.5 (132647)	19.79	19.76	18.84	17.30
		1745 (132322)	20.27	20.28	19.22	17.05
		1712.5 (131997)	20.58	20.65	19.59	17.28
	12RB-Middle (6)	1777.5 (132647)	19.90	19.86	18.82	17.04
		1745 (132322)	20.28	20.35	19.29	16.93
		1712.5 (131997)	20.65	20.65	19.69	17.18
	12RB-Low (0)	1777.5 (132647)	19.72	19.74	18.78	16.95
		1745 (132322)	20.23	20.25	19.19	17.20
		1712.5 (131997)	20.55	20.57	19.57	16.91
	25RB (0)	1777.5 (132647)	19.78	19.75	18.75	17.19
		1745 (132322)	20.28	20.25	19.28	17.29
		1712.5 (131997)	20.56	20.56	19.56	17.30
10MHz	1RB-High (49)	1775 (132622)	19.80	20.01	19.77	17.06
		1745 (132322)	20.12	20.37	20.18	17.30
		1715 (132022)	20.58	20.53	20.44	17.15
	1RB-Middle (24)	1775 (132622)	19.79	20.17	19.93	16.98
		1745 (132322)	20.21	20.39	20.47	17.09
		1715 (132022)	20.66	20.55	20.73	17.29
	1RB-Low (0)	1775 (132622)	19.81	20.14	20.03	16.92
		1745 (132322)	20.23	20.67	20.37	17.09
		1715 (132022)	20.49	20.64	20.64	17.01
	25RB-High (25)	1775 (132622)	19.75	19.79	18.77	17.03
		1745 (132322)	20.20	20.14	19.26	17.25
		1715 (132022)	20.64	20.60	19.62	17.24
	25RB-Middle (12)	1775 (132622)	19.73	19.70	18.69	17.10
		1745 (132322)	20.29	20.28	19.30	17.04
		1715 (132022)	20.71	20.65	19.65	16.93
	25RB-Low (0)	1775 (132622)	19.75	19.79	18.79	17.01
		1745 (132322)	20.16	20.24	19.25	17.05
		1715 (132022)	20.60	20.61	19.58	17.19
	50RB (0)	1775 (132622)	19.73	19.69	18.68	16.94
		1745 (132322)	20.24	20.20	19.18	17.28
		1715 (132022)	20.62	20.60	19.61	16.95

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15MHz	1RB-High (74)	1772.5 (132597)	19.43	19.75	19.63	17.30
		1745 (132322)	19.96	20.05	20.17	17.06
		1717.5 (132047)	20.48	20.42	20.50	17.20
	1RB-Middle (37)	1772.5 (132597)	19.47	19.88	19.81	17.14
		1745 (132322)	20.06	20.41	20.12	16.91
		1717.5 (132047)	20.38	20.45	20.54	17.19
	1RB-Low (0)	1772.5 (132597)	19.69	19.95	19.88	17.19
		1745 (132322)	20.21	20.38	20.35	16.93
		1717.5 (132047)	20.39	20.63	20.55	17.24
	36RB-High (38)	1772.5 (132597)	19.61	19.70	18.69	16.99
		1745 (132322)	20.03	20.12	19.03	16.95
		1717.5 (132047)	20.41	20.39	19.51	16.92
	36RB-Middle (19)	1772.5 (132597)	19.61	19.71	18.63	17.07
		1745 (132322)	20.16	20.18	19.18	17.25
		1717.5 (132047)	20.50	20.48	19.49	17.14
	36RB-Low (0)	1772.5 (132597)	19.67	19.67	18.71	17.25
		1745 (132322)	20.10	20.09	19.12	17.22
		1717.5 (132047)	20.36	20.45	19.43	16.99
	75RB (0)	1772.5 (132597)	19.59	19.57	18.66	17.10
		1745 (132322)	20.13	20.14	19.12	17.11
		1717.5 (132047)	20.42	20.49	19.48	16.96
20MHz	1RB-High (99)	1770 (132572)	19.32	19.54	19.40	17.23
		1745 (132322)	19.82	20.07	20.00	17.17
		1720 (132072)	20.28	20.58	20.45	17.12
	1RB-Middle (50)	1770 (132572)	19.43	19.84	19.51	17.07
		1745 (132322)	19.86	20.12	20.03	17.02
		1720 (132072)	20.28	20.70	20.33	17.08
	1RB-Low (0)	1770 (132572)	19.57	19.79	19.64	17.17
		1745 (132322)	20.14	20.51	20.22	17.15
		1720 (132072)	20.32	20.56	20.51	16.96
	50RB-High (50)	1770 (132572)	19.46	19.57	18.48	17.03
		1745 (132322)	19.87	19.92	18.87	17.26
		1720 (132072)	20.31	20.37	19.37	17.02
	50RB-Middle (25)	1770 (132572)	19.56	19.57	18.54	17.22
		1745 (132322)	19.93	20.01	19.05	17.05
		1720 (132072)	20.33	20.40	19.41	16.95
	50RB-Low (0)	1770 (132572)	19.57	19.56	18.46	17.14
		1745 (132322)	20.04	20.02	19.05	16.96
		1720 (132072)	20.33	20.40	19.31	17.05
	100RB (0)	1770 (132572)	19.59	19.59	18.57	16.90
		1745 (132322)	20.01	20.00	19.01	17.10
		1720 (132072)	20.26	20.41	19.33	17.11

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LTE Band66(ANT0 DSI 10)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	18.67	19.01	18.74	17.07
		1745 (132322)	18.96	19.53	19.19	17.05
		1710.7 (131979)	19.42	19.62	19.50	17.07
	1RB-Middle (3)	1779.3 (132665)	18.56	19.00	18.87	16.93
		1745 (132322)	19.08	19.37	19.22	16.90
		1710.7 (131979)	19.45	19.73	19.61	16.85
	1RB-Low (0)	1779.3 (132665)	18.58	18.93	18.81	17.20
		1745 (132322)	19.03	19.28	19.13	17.06
		1710.7 (131979)	19.41	19.62	19.44	16.91
	3RB-High (3)	1779.3 (132665)	18.69	18.69	18.65	17.28
		1745 (132322)	18.99	19.29	19.12	17.20
		1710.7 (131979)	19.45	19.68	19.53	17.02
	3RB-Middle (1)	1779.3 (132665)	18.57	18.86	18.66	17.08
		1745 (132322)	19.10	19.16	19.17	17.14
		1710.7 (131979)	19.47	19.50	19.56	17.12
	3RB-Low (0)	1779.3 (132665)	18.53	18.75	18.69	17.29
		1745 (132322)	19.03	19.20	19.21	17.09
		1710.7 (131979)	19.47	19.62	19.55	17.07
	6RB (0)	1779.3 (132665)	18.61	18.56	18.67	17.16
		1745 (132322)	19.07	19.27	19.14	17.30
		1710.7 (131979)	19.47	19.52	19.46	17.28
3MHz	1RB-High (14)	1778.5 (132657)	18.50	19.06	18.79	17.13
		1745 (132322)	19.00	19.22	19.27	16.99
		1711.5 (131987)	19.41	19.59	19.56	17.24
	1RB-Middle (7)	1778.5 (132657)	18.61	18.90	18.78	16.96
		1745 (132322)	19.15	19.40	19.21	17.07
		1711.5 (131987)	19.49	19.45	19.62	17.21
	1RB-Low (0)	1778.5 (132657)	18.47	19.20	18.76	16.97
		1745 (132322)	19.04	19.35	19.25	17.12
		1711.5 (131987)	19.39	19.58	19.44	17.19
	8RB-High (7)	1778.5 (132657)	18.62	18.62	18.65	16.85
		1745 (132322)	19.16	19.23	19.25	16.96
		1711.5 (131987)	19.50	19.54	19.53	17.07
	8RB-Middle (4)	1778.5 (132657)	18.59	18.72	18.60	17.11
		1745 (132322)	19.12	19.17	19.19	16.98
		1711.5 (131987)	19.46	19.52	19.50	17.08
	8RB-Low (0)	1778.5 (132657)	18.61	18.58	18.64	16.92
		1745 (132322)	19.14	19.18	19.18	17.11
		1711.5 (131987)	19.40	19.56	19.48	17.20
	15RB (0)	1778.5 (132657)	18.56	18.66	18.58	17.01
		1745 (132322)	19.11	19.17	19.08	17.28
		1711.5 (131987)	19.45	19.54	19.47	16.94

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5MHz	1RB-High (24)	1777.5 (132647)	18.49	18.80	18.71	17.18
		1745 (132322)	18.97	19.29	19.22	16.85
		1712.5 (131997)	19.25	19.73	19.54	16.97
	1RB-Middle (12)	1777.5 (132647)	18.61	18.95	18.82	16.97
		1745 (132322)	19.07	19.46	19.27	16.96
		1712.5 (131997)	19.43	19.75	19.61	17.04
	1RB-Low (0)	1777.5 (132647)	18.57	18.80	18.72	17.30
		1745 (132322)	19.07	19.37	19.27	17.25
		1712.5 (131997)	19.40	19.65	19.53	16.94
	12RB-High (13)	1777.5 (132647)	18.60	18.69	18.62	17.03
		1745 (132322)	19.08	19.07	19.03	17.20
		1712.5 (131997)	19.40	19.54	19.44	17.15
	12RB-Middle (6)	1777.5 (132647)	18.70	18.67	18.64	17.01
		1745 (132322)	19.14	19.18	19.01	17.11
		1712.5 (131997)	19.49	19.54	19.44	17.27
	12RB-Low (0)	1777.5 (132647)	18.57	18.60	18.54	17.29
		1745 (132322)	19.03	19.06	19.10	17.15
		1712.5 (131997)	19.46	19.50	19.45	17.29
	25RB (0)	1777.5 (132647)	18.61	18.68	18.68	17.07
		1745 (132322)	19.05	19.16	19.03	16.87
		1712.5 (131997)	19.47	19.49	19.46	17.14
10MHz	1RB-High (49)	1775 (132622)	18.59	19.00	18.71	17.16
		1745 (132322)	18.87	19.36	19.05	17.10
		1715 (132022)	19.35	19.69	19.59	17.30
	1RB-Middle (24)	1775 (132622)	18.59	18.84	18.90	16.99
		1745 (132322)	19.07	19.39	19.35	17.19
		1715 (132022)	19.45	19.74	19.64	17.01
	1RB-Low (0)	1775 (132622)	18.63	19.02	18.95	17.06
		1745 (132322)	19.08	19.36	19.22	17.20
		1715 (132022)	19.30	19.72	19.72	17.06
	25RB-High (25)	1775 (132622)	18.61	18.62	18.65	16.85
		1745 (132322)	19.07	19.10	19.00	17.12
		1715 (132022)	19.44	19.44	19.48	16.91
	25RB-Middle (12)	1775 (132622)	18.62	18.57	18.55	17.24
		1745 (132322)	19.13	19.17	19.12	17.11
		1715 (132022)	19.40	19.52	19.47	16.99
	25RB-Low (0)	1775 (132622)	18.54	18.60	18.57	17.01
		1745 (132322)	19.02	19.12	19.11	17.15
		1715 (132022)	19.40	19.45	19.46	17.27
	50RB (0)	1775 (132622)	18.53	18.58	18.58	16.97
		1745 (132322)	19.09	19.11	19.08	17.10
		1715 (132022)	19.46	19.47	19.42	16.86

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15MHz	1RB-High (74)	1772.5 (132597)	18.57	18.81	18.52	16.92
		1745 (132322)	19.01	19.20	19.05	17.30
		1717.5 (132047)	19.49	19.78	19.63	17.03
	1RB-Middle (37)	1772.5 (132597)	18.68	18.95	18.61	17.07
		1745 (132322)	19.14	19.20	19.42	17.26
		1717.5 (132047)	19.53	19.60	19.75	17.29
	1RB-Low (0)	1772.5 (132597)	18.87	18.95	18.78	16.98
		1745 (132322)	19.33	19.55	19.43	17.09
		1717.5 (132047)	19.50	19.66	19.58	17.15
	36RB-High (38)	1772.5 (132597)	18.82	18.72	18.70	17.09
		1745 (132322)	19.21	19.11	19.11	17.01
		1717.5 (132047)	19.65	19.58	19.51	17.04
	36RB-Middle (19)	1772.5 (132597)	18.83	18.70	18.73	17.08
		1745 (132322)	19.22	19.23	19.20	17.12
		1717.5 (132047)	19.64	19.55	19.49	17.15
	36RB-Low (0)	1772.5 (132597)	18.79	18.78	18.71	17.26
		1745 (132322)	19.26	19.28	19.25	17.05
		1717.5 (132047)	19.52	19.46	19.46	17.17
	75RB (0)	1772.5 (132597)	18.81	18.71	18.68	16.87
		1745 (132322)	19.30	19.18	19.17	17.05
		1717.5 (132047)	19.58	19.53	19.51	17.26
20MHz	1RB-High (99)	1770 (132572)	18.21	18.40	18.44	16.88
		1745 (132322)	18.59	18.93	18.65	16.89
		1720 (132072)	19.16	19.61	19.31	17.20
	1RB-Middle (50)	1770 (132572)	18.35	18.57	18.45	17.06
		1745 (132322)	18.70	18.90	18.88	17.23
		1720 (132072)	19.15	19.59	19.15	17.11
	1RB-Low (0)	1770 (132572)	18.45	18.85	18.98	17.06
		1745 (132322)	18.97	19.27	19.08	17.20
		1720 (132072)	19.27	19.45	19.30	17.02
	50RB-High (50)	1770 (132572)	18.37	18.39	18.31	16.96
		1745 (132322)	18.85	18.85	18.84	17.29
		1720 (132072)	19.17	19.29	19.26	17.11
	50RB-Middle (25)	1770 (132572)	18.37	18.50	18.41	17.27
		1745 (132322)	18.86	18.85	18.93	17.12
		1720 (132072)	19.30	19.30	19.30	17.09
	50RB-Low (0)	1770 (132572)	18.39	18.44	18.41	17.19
		1745 (132322)	18.91	18.98	18.89	17.04
		1720 (132072)	19.20	19.20	19.27	17.13
	100RB (0)	1770 (132572)	18.40	18.39	18.42	17.07
		1745 (132322)	18.85	18.85	18.96	17.19
		1720 (132072)	19.23	19.20	19.32	16.95

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LTE Band66(ANT5 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	20.96	21.54	21.14	19.24
		1745 (132322)	20.90	21.53	21.03	19.30
		1710.7 (131979)	21.30	21.51	21.32	18.96
	1RB-Middle (3)	1779.3 (132665)	21.09	21.43	21.10	19.23
		1745 (132322)	21.09	21.32	21.13	19.35
		1710.7 (131979)	21.28	21.47	21.30	19.29
	1RB-Low (0)	1779.3 (132665)	20.98	21.66	21.03	19.30
		1745 (132322)	21.02	21.68	21.13	18.97
		1710.7 (131979)	21.24	21.54	21.35	19.32
	3RB-High (3)	1779.3 (132665)	21.00	21.25	21.07	19.13
		1745 (132322)	21.09	21.24	21.11	19.39
		1710.7 (131979)	21.34	21.46	21.38	18.98
	3RB-Middle (1)	1779.3 (132665)	21.02	21.20	21.21	19.16
		1745 (132322)	21.06	21.23	21.12	19.25
		1710.7 (131979)	21.37	21.32	21.33	19.22
	3RB-Low (0)	1779.3 (132665)	21.04	21.20	21.12	19.26
		1745 (132322)	21.07	21.15	21.12	19.00
		1710.7 (131979)	21.34	21.42	21.30	19.20
	6RB (0)	1779.3 (132665)	21.05	21.11	21.00	19.08
		1745 (132322)	20.99	21.05	21.08	19.18
		1710.7 (131979)	21.28	21.32	21.33	19.14
3MHz	1RB-High (14)	1778.5 (132657)	20.88	21.46	21.02	19.36
		1745 (132322)	20.92	21.54	21.15	19.21
		1711.5 (131987)	21.05	21.39	21.42	18.95
	1RB-Middle (7)	1778.5 (132657)	21.10	21.37	21.24	19.38
		1745 (132322)	21.01	21.37	21.06	19.11
		1711.5 (131987)	21.14	21.70	21.57	19.37
	1RB-Low (0)	1778.5 (132657)	20.94	21.39	21.03	19.28
		1745 (132322)	21.00	21.34	21.02	18.96
		1711.5 (131987)	21.17	21.46	21.36	19.36
	8RB-High (7)	1778.5 (132657)	21.12	21.16	21.16	18.95
		1745 (132322)	21.11	21.09	21.11	19.21
		1711.5 (131987)	21.24	21.24	21.26	19.08
	8RB-Middle (4)	1778.5 (132657)	21.06	21.21	21.10	19.11
		1745 (132322)	21.13	21.14	21.04	19.07
		1711.5 (131987)	21.27	21.26	21.28	19.22
	8RB-Low (0)	1778.5 (132657)	21.04	21.19	21.08	19.24
		1745 (132322)	21.19	21.15	21.05	19.19
		1711.5 (131987)	21.35	21.31	21.39	19.27
	15RB (0)	1778.5 (132657)	21.05	21.03	21.06	19.07
		1745 (132322)	21.07	21.03	21.11	19.09
		1711.5 (131987)	21.24	21.21	21.21	19.30

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5MHz	1RB-High (24)	1777.5 (132647)	20.96	21.20	21.12	19.37
		1745 (132322)	21.00	21.34	21.22	19.13
		1712.5 (131997)	21.13	21.44	21.26	19.03
	1RB-Middle (12)	1777.5 (132647)	21.06	21.38	21.31	19.39
		1745 (132322)	21.04	21.58	21.04	19.10
		1712.5 (131997)	21.31	21.76	21.35	19.39
	1RB-Low (0)	1777.5 (132647)	20.98	21.28	21.11	19.14
		1745 (132322)	21.01	21.42	21.21	19.12
		1712.5 (131997)	21.25	21.47	21.38	19.16
	12RB-High (13)	1777.5 (132647)	20.96	21.08	21.18	19.32
		1745 (132322)	21.09	21.05	21.10	19.19
		1712.5 (131997)	21.18	21.20	21.13	19.29
	12RB-Middle (6)	1777.5 (132647)	21.07	21.16	21.04	19.08
		1745 (132322)	21.08	21.08	21.07	19.25
		1712.5 (131997)	21.26	21.33	21.35	19.30
	12RB-Low (0)	1777.5 (132647)	21.01	20.98	21.00	19.20
		1745 (132322)	21.05	21.02	21.00	19.40
		1712.5 (131997)	21.29	21.32	21.34	18.95
	25RB (0)	1777.5 (132647)	21.04	21.01	20.94	18.99
		1745 (132322)	21.04	21.02	21.08	19.04
		1712.5 (131997)	21.31	21.28	21.27	19.15
10MHz	1RB-High (49)	1775 (132622)	20.98	21.46	21.07	19.16
		1745 (132322)	21.01	21.64	21.09	19.33
		1715 (132022)	21.09	21.64	21.42	19.17
	1RB-Middle (24)	1775 (132622)	20.97	21.32	21.13	19.28
		1745 (132322)	21.08	21.32	21.10	19.07
		1715 (132022)	21.19	21.64	21.29	19.40
	1RB-Low (0)	1775 (132622)	20.91	21.28	20.99	19.05
		1745 (132322)	21.03	21.43	21.08	18.95
		1715 (132022)	21.15	21.48	21.41	19.15
	25RB-High (25)	1775 (132622)	21.03	21.05	21.01	18.97
		1745 (132322)	21.09	21.08	21.07	19.13
		1715 (132022)	21.11	21.10	21.24	19.37
	25RB-Middle (12)	1775 (132622)	21.14	21.02	21.01	19.21
		1745 (132322)	21.04	21.09	21.05	19.38
		1715 (132022)	21.26	21.15	21.23	19.01
	25RB-Low (0)	1775 (132622)	21.04	21.07	21.03	19.34
		1745 (132322)	21.06	21.07	21.06	19.10
		1715 (132022)	21.28	21.26	21.28	19.34
	50RB (0)	1775 (132622)	21.04	20.99	20.94	19.08
		1745 (132322)	21.13	21.04	21.02	18.96
		1715 (132022)	21.30	21.10	21.15	19.21

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15MHz	1RB-High (74)	1772.5 (132597)	20.77	21.09	20.95	18.96
		1745 (132322)	21.34	21.24	20.81	19.13
		1717.5 (132047)	21.24	21.27	21.46	19.40
	1RB-Middle (37)	1772.5 (132597)	20.88	21.28	20.76	18.99
		1745 (132322)	20.89	21.04	20.86	19.02
		1717.5 (132047)	20.90	21.35	21.15	19.26
	1RB-Low (0)	1772.5 (132597)	20.69	21.35	21.07	19.25
		1745 (132322)	20.82	20.80	20.78	19.37
		1717.5 (132047)	21.10	21.68	21.08	19.25
	36RB-High (38)	1772.5 (132597)	20.85	20.97	20.91	19.23
		1745 (132322)	20.97	20.94	20.90	19.06
		1717.5 (132047)	21.01	21.08	20.94	19.40
	36RB-Middle (19)	1772.5 (132597)	20.90	20.98	21.01	19.32
		1745 (132322)	21.00	20.90	20.92	19.18
		1717.5 (132047)	21.04	21.12	21.06	19.39
	36RB-Low (0)	1772.5 (132597)	20.99	20.88	20.94	19.38
		1745 (132322)	21.05	20.95	20.86	19.39
		1717.5 (132047)	21.09	21.16	21.11	19.39
	75RB (0)	1772.5 (132597)	20.93	20.97	21.00	19.39
		1745 (132322)	20.93	20.93	20.98	19.16
		1717.5 (132047)	21.08	21.06	20.96	19.31
20MHz	1RB-High (99)	1770 (132572)	20.72	20.85	20.99	18.97
		1745 (132322)	20.86	21.21	20.90	18.96
		1720 (132072)	20.95	21.24	21.26	19.24
	1RB-Middle (50)	1770 (132572)	20.85	21.56	21.58	19.32
		1745 (132322)	20.96	21.24	20.86	19.33
		1720 (132072)	20.94	21.35	21.52	19.22
	1RB-Low (0)	1770 (132572)	20.94	21.01	20.90	19.20
		1745 (132322)	21.17	21.07	20.99	19.11
		1720 (132072)	21.39	21.23	21.13	19.40
	50RB-High (50)	1770 (132572)	20.93	20.95	20.91	19.09
		1745 (132322)	20.99	20.98	20.94	19.08
		1720 (132072)	20.94	21.06	21.01	19.03
	50RB-Middle (25)	1770 (132572)	20.96	20.85	20.88	18.95
		1745 (132322)	20.99	21.05	21.00	18.96
		1720 (132072)	21.13	21.14	21.10	19.27
	50RB-Low (0)	1770 (132572)	21.02	20.87	20.85	18.98
		1745 (132322)	21.02	20.94	20.95	19.09
		1720 (132072)	21.12	21.08	21.08	19.28
	100RB (0)	1770 (132572)	20.93	20.90	20.91	19.32
		1745 (132322)	21.00	20.96	20.89	19.02
		1720 (132072)	21.00	21.00	21.05	19.34

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LTE Band66(ANT5 DSI 5)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	22.30	22.48	22.26	19.23
		1745 (132322)	22.11	22.17	22.35	19.24
		1710.7 (131979)	22.32	22.39	22.34	19.14
	1RB-Middle (3)	1779.3 (132665)	22.16	22.48	22.41	19.26
		1745 (132322)	22.30	22.53	22.37	19.07
		1710.7 (131979)	22.26	22.50	22.25	19.11
	1RB-Low (0)	1779.3 (132665)	22.20	22.23	22.36	19.20
		1745 (132322)	22.16	22.26	22.29	19.10
		1710.7 (131979)	22.29	22.46	22.33	19.30
	3RB-High (3)	1779.3 (132665)	22.11	22.28	22.11	19.27
		1745 (132322)	22.19	22.42	22.16	19.09
		1710.7 (131979)	22.24	22.42	22.36	18.95
	3RB-Middle (1)	1779.3 (132665)	22.19	22.51	22.27	19.12
		1745 (132322)	22.25	22.48	22.19	19.34
		1710.7 (131979)	22.35	22.50	22.38	19.24
	3RB-Low (0)	1779.3 (132665)	22.20	22.37	22.23	19.02
		1745 (132322)	22.26	22.30	22.31	18.96
		1710.7 (131979)	22.19	22.38	22.34	19.12
	6RB (0)	1779.3 (132665)	22.16	22.23	21.20	19.26
		1745 (132322)	22.21	22.24	21.26	19.03
		1710.7 (131979)	22.32	22.36	21.29	19.05
3MHz	1RB-High (14)	1778.5 (132657)	22.12	22.43	22.16	19.25
		1745 (132322)	22.08	22.19	22.32	19.24
		1711.5 (131987)	22.15	22.20	22.32	19.29
	1RB-Middle (7)	1778.5 (132657)	22.15	22.33	22.40	19.36
		1745 (132322)	22.20	22.53	22.38	19.22
		1711.5 (131987)	22.35	22.28	22.26	19.26
	1RB-Low (0)	1778.5 (132657)	22.13	22.47	22.14	19.14
		1745 (132322)	22.14	22.46	22.13	19.13
		1711.5 (131987)	22.20	22.16	22.19	19.12
	8RB-High (7)	1778.5 (132657)	22.17	22.27	21.16	18.98
		1745 (132322)	22.28	22.35	21.31	19.19
		1711.5 (131987)	22.37	22.37	21.29	19.23
	8RB-Middle (4)	1778.5 (132657)	22.26	22.33	21.22	19.13
		1745 (132322)	22.30	22.41	21.24	19.23
		1711.5 (131987)	22.40	22.42	21.40	19.31
	8RB-Low (0)	1778.5 (132657)	22.10	22.19	21.04	19.33
		1745 (132322)	22.23	22.40	21.25	19.04
		1711.5 (131987)	22.40	22.40	21.34	19.18
	15RB (0)	1778.5 (132657)	22.11	22.09	21.13	19.39
		1745 (132322)	22.21	22.25	21.19	19.20
		1711.5 (131987)	22.29	22.29	21.37	19.24

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5MHz	1RB-High (24)	1777.5 (132647)	22.06	22.18	22.33	18.97
		1745 (132322)	22.11	22.46	22.31	19.20
		1712.5 (131997)	22.35	22.18	22.40	19.35
	1RB-Middle (12)	1777.5 (132647)	22.32	22.23	22.47	19.21
		1745 (132322)	22.37	22.14	22.23	19.04
		1712.5 (131997)	22.30	22.25	22.36	19.14
	1RB-Low (0)	1777.5 (132647)	22.02	22.46	22.26	19.18
		1745 (132322)	22.16	22.47	22.29	18.99
		1712.5 (131997)	22.33	22.31	22.30	19.37
	12RB-High (13)	1777.5 (132647)	22.26	22.14	21.23	19.32
		1745 (132322)	22.22	22.28	21.27	19.09
		1712.5 (131997)	22.35	22.38	21.38	19.34
	12RB-Middle (6)	1777.5 (132647)	22.16	22.24	21.18	19.02
		1745 (132322)	22.33	22.38	21.29	19.00
		1712.5 (131997)	22.35	22.37	21.37	18.97
	12RB-Low (0)	1777.5 (132647)	22.18	22.11	21.16	19.34
		1745 (132322)	22.27	22.32	21.32	19.00
		1712.5 (131997)	22.32	22.41	21.29	19.16
	25RB (0)	1777.5 (132647)	22.13	22.06	21.19	19.30
		1745 (132322)	22.22	22.27	21.22	19.40
		1712.5 (131997)	22.28	22.34	21.31	19.26
10MHz	1RB-High (49)	1775 (132622)	22.10	22.22	22.34	19.00
		1745 (132322)	22.20	22.47	22.40	19.30
		1715 (132022)	22.19	22.56	22.16	19.25
	1RB-Middle (24)	1775 (132622)	22.15	22.18	22.16	19.11
		1745 (132322)	22.18	22.26	22.39	19.20
		1715 (132022)	22.40	22.35	22.43	19.12
	1RB-Low (0)	1775 (132622)	22.07	22.22	22.18	19.17
		1745 (132322)	22.14	22.36	22.15	18.97
		1715 (132022)	22.21	22.35	22.22	19.22
	25RB-High (25)	1775 (132622)	22.27	22.18	21.25	19.08
		1745 (132322)	22.30	22.24	21.31	19.00
		1715 (132022)	22.39	22.36	21.35	19.11
	25RB-Middle (12)	1775 (132622)	22.09	22.23	21.09	19.33
		1745 (132322)	22.27	22.31	21.28	19.04
		1715 (132022)	22.39	22.40	21.29	19.00
	25RB-Low (0)	1775 (132622)	22.10	22.09	21.16	19.37
		1745 (132322)	22.22	22.22	21.26	19.22
		1715 (132022)	22.33	22.35	21.37	18.98
	50RB (0)	1775 (132622)	22.12	22.07	21.15	19.09
		1745 (132322)	22.27	22.27	21.27	19.04
		1715 (132022)	22.34	22.32	21.31	18.98

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15MHz	1RB-High (74)	1772.5 (132597)	21.94	22.32	22.10	19.23
		1745 (132322)	22.01	22.29	22.04	19.40
		1717.5 (132047)	22.10	22.15	22.00	19.09
	1RB-Middle (37)	1772.5 (132597)	22.01	22.20	22.13	19.17
		1745 (132322)	21.93	22.31	21.95	19.21
		1717.5 (132047)	22.07	22.34	22.28	19.08
	1RB-Low (0)	1772.5 (132597)	22.03	22.30	22.10	19.08
		1745 (132322)	22.09	22.24	22.15	19.32
		1717.5 (132047)	22.10	22.24	22.12	19.09
	36RB-High (38)	1772.5 (132597)	22.10	22.09	21.08	18.95
		1745 (132322)	22.24	22.14	21.13	18.95
		1717.5 (132047)	22.10	22.15	21.23	19.10
	36RB-Middle (19)	1772.5 (132597)	21.96	22.03	21.00	19.34
		1745 (132322)	22.15	22.14	21.20	19.20
		1717.5 (132047)	22.11	22.08	21.12	19.09
	36RB-Low (0)	1772.5 (132597)	21.98	21.98	21.06	19.34
		1745 (132322)	22.07	22.14	21.16	19.14
		1717.5 (132047)	22.20	22.22	21.18	19.26
	75RB (0)	1772.5 (132597)	21.99	22.06	20.96	19.10
		1745 (132322)	22.10	22.09	21.15	18.98
		1717.5 (132047)	22.10	22.15	21.04	19.23
20MHz	1RB-High (99)	1770 (132572)	21.89	22.42	22.27	19.37
		1745 (132322)	22.09	22.34	22.41	19.05
		1720 (132072)	22.05	22.47	22.31	19.20
	1RB-Middle (50)	1770 (132572)	21.92	22.43	22.30	19.18
		1745 (132322)	21.91	22.17	22.07	19.30
		1720 (132072)	22.09	22.43	22.32	19.21
	1RB-Low (0)	1770 (132572)	21.91	22.05	22.00	19.28
		1745 (132322)	22.00	22.52	22.30	19.20
		1720 (132072)	22.14	22.36	22.30	19.05
	50RB-High (50)	1770 (132572)	22.12	22.10	21.28	18.98
		1745 (132322)	22.08	22.15	21.23	19.27
		1720 (132072)	22.17	22.18	21.27	19.19
	50RB-Middle (25)	1770 (132572)	22.14	22.17	21.24	18.97
		1745 (132322)	22.13	22.09	21.18	18.98
		1720 (132072)	22.18	22.15	21.23	19.32
	50RB-Low (0)	1770 (132572)	22.05	22.03	21.07	19.25
		1745 (132322)	22.10	22.11	21.17	19.14
		1720 (132072)	22.14	22.16	21.23	19.03
	100RB (0)	1770 (132572)	22.11	22.07	21.18	19.15
		1745 (132322)	22.10	22.11	21.17	19.33
		1720 (132072)	22.15	22.18	21.26	19.32

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LTE Band66(ANT5 DSI 9/14)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	18.53	19.18	19.16	18.91
		1745 (132322)	18.48	19.17	19.06	18.85
		1710.7 (131979)	18.83	19.15	19.12	18.63
	1RB-Middle (3)	1779.3 (132665)	18.64	19.28	19.12	18.61
		1745 (132322)	18.64	19.18	19.15	19.07
		1710.7 (131979)	18.81	19.12	19.30	18.89
	1RB-Low (0)	1779.3 (132665)	18.55	19.29	19.06	18.62
		1745 (132322)	18.58	19.30	19.15	18.87
		1710.7 (131979)	18.78	19.18	19.15	18.85
	3RB-High (3)	1779.3 (132665)	18.57	19.12	19.10	18.98
		1745 (132322)	18.64	19.11	19.13	18.77
		1710.7 (131979)	18.87	19.11	19.18	18.93
	3RB-Middle (1)	1779.3 (132665)	18.58	19.07	19.22	18.62
		1745 (132322)	18.62	19.10	19.14	18.93
		1710.7 (131979)	18.89	19.18	19.13	19.02
	3RB-Low (0)	1779.3 (132665)	18.60	19.07	19.14	19.11
		1745 (132322)	18.63	19.03	19.14	18.61
		1710.7 (131979)	18.87	19.27	19.30	18.78
	6RB (0)	1779.3 (132665)	18.61	18.99	19.03	18.92
		1745 (132322)	18.56	18.94	19.10	19.15
		1710.7 (131979)	18.81	19.18	19.13	19.17
3MHz	1RB-High (14)	1778.5 (132657)	18.46	19.11	19.05	18.86
		1745 (132322)	18.49	19.18	19.17	18.72
		1711.5 (131987)	18.61	19.24	19.21	18.77
	1RB-Middle (7)	1778.5 (132657)	18.65	19.23	19.25	18.89
		1745 (132322)	18.57	19.23	19.09	18.70
		1711.5 (131987)	18.69	18.22	19.05	18.99
	1RB-Low (0)	1778.5 (132657)	18.51	19.24	19.06	19.01
		1745 (132322)	18.57	19.20	19.05	18.95
		1711.5 (131987)	18.72	19.11	19.16	18.67
	8RB-High (7)	1778.5 (132657)	18.67	19.04	19.18	18.63
		1745 (132322)	18.66	18.97	19.13	18.69
		1711.5 (131987)	18.78	19.11	19.27	19.11
	8RB-Middle (4)	1778.5 (132657)	18.62	19.08	19.12	18.61
		1745 (132322)	18.68	19.02	19.07	18.70
		1711.5 (131987)	18.80	19.13	19.29	18.83
	8RB-Low (0)	1778.5 (132657)	18.60	19.06	19.10	18.96
		1745 (132322)	18.73	19.03	19.08	19.06
		1711.5 (131987)	18.87	19.17	19.19	19.16
	15RB (0)	1778.5 (132657)	18.61	18.92	19.09	18.79
		1745 (132322)	18.63	18.92	19.13	18.77
		1711.5 (131987)	18.78	19.08	19.22	18.68

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5MHz	1RB-High (24)	1777.5 (132647)	18.53	19.07	19.14	18.64
		1745 (132322)	18.57	19.20	19.23	18.68
		1712.5 (131997)	18.68	19.29	19.27	19.04
	1RB-Middle (12)	1777.5 (132647)	18.62	19.23	19.11	18.69
		1745 (132322)	18.60	19.21	19.07	18.62
		1712.5 (131997)	18.84	19.18	19.15	18.80
	1RB-Low (0)	1777.5 (132647)	18.55	19.14	19.13	18.98
		1745 (132322)	18.57	19.27	19.22	18.82
		1712.5 (131997)	18.79	19.12	19.18	18.89
	12RB-High (13)	1777.5 (132647)	18.53	18.97	19.20	19.19
		1745 (132322)	18.64	18.94	19.12	18.99
		1712.5 (131997)	18.72	19.07	19.15	19.13
	12RB-Middle (6)	1777.5 (132647)	18.63	19.04	19.07	18.72
		1745 (132322)	18.64	18.97	19.10	18.88
		1712.5 (131997)	18.80	19.19	19.15	19.01
	12RB-Low (0)	1777.5 (132647)	18.57	18.88	19.03	18.78
		1745 (132322)	18.61	18.91	19.03	18.77
		1712.5 (131997)	18.82	19.18	19.14	18.70
	25RB (0)	1777.5 (132647)	18.60	18.90	18.98	18.64
		1745 (132322)	18.60	18.91	19.10	18.72
		1712.5 (131997)	18.84	19.14	19.28	19.05
10MHz	1RB-High (49)	1775 (132622)	18.55	19.11	19.10	19.09
		1745 (132322)	18.57	19.27	19.11	18.67
		1715 (132022)	18.64	19.27	19.21	19.06
	1RB-Middle (24)	1775 (132622)	18.54	19.18	19.15	18.73
		1745 (132322)	18.64	19.18	19.12	18.88
		1715 (132022)	18.73	19.27	19.30	18.67
	1RB-Low (0)	1775 (132622)	18.49	19.14	19.02	18.72
		1745 (132322)	18.59	19.28	19.10	18.76
		1715 (132022)	18.70	19.12	19.20	19.02
	25RB-High (25)	1775 (132622)	18.59	18.94	19.04	18.84
		1745 (132322)	18.64	18.97	19.10	18.67
		1715 (132022)	18.66	18.98	19.25	18.94
	25RB-Middle (12)	1775 (132622)	18.69	18.91	19.04	18.95
		1745 (132322)	18.60	18.97	19.08	18.78
		1715 (132022)	18.80	19.03	19.24	19.16
	25RB-Low (0)	1775 (132622)	18.60	18.96	19.06	18.67
		1745 (132322)	18.62	18.96	19.09	19.04
		1715 (132022)	18.81	19.13	19.29	19.10
	50RB (0)	1775 (132622)	18.60	18.88	18.98	18.89
		1745 (132322)	18.68	18.93	19.05	19.13
		1715 (132022)	18.83	18.98	19.17	18.91

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15MHz	1RB-High (74)	1772.5 (132597)	18.36	18.97	18.99	18.63
		1745 (132322)	18.87	19.11	18.86	18.68
		1717.5 (132047)	18.78	19.14	19.25	18.68
	1RB-Middle (37)	1772.5 (132597)	18.46	19.14	18.81	18.83
		1745 (132322)	18.47	18.93	18.91	18.94
		1717.5 (132047)	18.48	19.21	19.17	19.17
	1RB-Low (0)	1772.5 (132597)	18.29	19.21	19.10	18.94
		1745 (132322)	18.41	18.71	18.83	18.69
		1717.5 (132047)	18.65	19.30	19.10	18.60
	36RB-High (38)	1772.5 (132597)	18.43	18.87	18.95	19.09
		1745 (132322)	18.54	18.84	18.94	18.69
		1717.5 (132047)	18.57	18.97	18.98	18.61
	36RB-Middle (19)	1772.5 (132597)	18.48	18.88	19.04	18.65
		1745 (132322)	18.57	18.80	18.96	18.74
		1717.5 (132047)	18.60	19.00	19.09	18.64
	36RB-Low (0)	1772.5 (132597)	18.56	18.79	18.98	18.69
		1745 (132322)	18.61	18.85	18.91	18.74
		1717.5 (132047)	18.64	19.04	19.13	18.63
	75RB (0)	1772.5 (132597)	18.50	18.87	19.03	19.12
		1745 (132322)	18.50	18.83	19.01	19.13
		1717.5 (132047)	18.64	18.95	19.00	18.64
20MHz	1RB-High (99)	1770 (132572)	18.66	18.87	18.72	19.18
		1745 (132322)	18.71	18.85	18.81	18.66
		1720 (132072)	18.79	19.08	18.88	18.88
	1RB-Middle (50)	1770 (132572)	18.68	19.14	18.91	19.06
		1745 (132322)	18.70	18.92	18.73	18.71
		1720 (132072)	18.89	18.98	18.80	18.67
	1RB-Low (0)	1770 (132572)	18.74	18.89	18.82	19.03
		1745 (132322)	18.74	18.82	18.89	19.19
		1720 (132072)	18.81	19.10	19.15	18.80
	50RB-High (50)	1770 (132572)	18.93	18.73	18.74	18.96
		1745 (132322)	18.84	18.77	18.79	18.81
		1720 (132072)	18.83	18.82	18.77	18.68
	50RB-Middle (25)	1770 (132572)	18.80	18.79	18.69	19.06
		1745 (132322)	18.76	18.84	18.73	18.76
		1720 (132072)	18.83	18.76	18.70	18.60
	50RB-Low (0)	1770 (132572)	18.75	18.69	18.71	19.14
		1745 (132322)	18.76	18.69	18.77	19.10
		1720 (132072)	18.84	18.90	18.87	18.88
	100RB (0)	1770 (132572)	18.80	18.73	18.71	18.87
		1745 (132322)	18.80	18.83	18.68	18.65
		1720 (132072)	18.80	18.85	18.73	19.06

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LTE Band66(ANT6 DSI 4)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM	256QAM
1.4MHz	1RB-High (5)	1779.3 (132665)	22.18	21.58	21.36	17.99
		1745 (132322)	22.11	22.53	21.42	18.25
		1710.7 (131979)	22.52	22.51	21.41	18.30
	1RB-Middle (3)	1779.3 (132665)	22.22	21.70	20.58	18.28
		1745 (132322)	22.28	22.42	21.41	17.93
		1710.7 (131979)	22.56	22.76	21.65	17.85
	1RB-Low (0)	1779.3 (132665)	22.24	21.82	20.57	17.87
		1745 (132322)	22.27	22.71	21.23	18.18
		1710.7 (131979)	22.42	22.65	21.56	18.10
	3RB-High (3)	1779.3 (132665)	22.26	21.61	20.45	17.88
		1745 (132322)	22.24	22.00	21.23	17.93
		1710.7 (131979)	22.51	22.04	21.59	18.18
	3RB-Middle (1)	1779.3 (132665)	22.34	21.61	20.66	18.23
		1745 (132322)	22.28	21.84	21.30	17.89
		1710.7 (131979)	22.52	22.09	21.63	18.13
	3RB-Low (0)	1779.3 (132665)	22.32	21.60	20.50	17.85
		1745 (132322)	22.36	21.83	21.26	18.18
		1710.7 (131979)	22.53	22.09	21.60	17.92
	6RB (0)	1779.3 (132665)	22.26	21.07	20.06	18.02
		1745 (132322)	22.22	21.88	20.75	18.18
		1710.7 (131979)	22.54	22.06	21.01	18.25
3MHz	1RB-High (14)	1778.5 (132657)	21.45	21.65	21.37	18.11
		1745 (132322)	22.23	22.52	21.27	18.07
		1711.5 (131987)	22.54	22.68	21.61	18.12
	1RB-Middle (7)	1778.5 (132657)	21.60	21.95	20.73	18.11
		1745 (132322)	22.31	22.46	21.41	17.89
		1711.5 (131987)	22.59	22.48	21.69	18.17
	1RB-Low (0)	1778.5 (132657)	21.51	21.77	20.69	18.11
		1745 (132322)	22.27	22.72	21.45	18.14
		1711.5 (131987)	22.48	22.71	21.73	17.89
	8RB-High (7)	1778.5 (132657)	21.63	21.17	20.09	18.27
		1745 (132322)	22.29	21.83	20.84	17.92
		1711.5 (131987)	22.56	22.12	21.07	18.09
	8RB-Middle (4)	1778.5 (132657)	21.60	21.25	20.10	18.10
		1745 (132322)	22.33	21.87	20.82	18.01
		1711.5 (131987)	22.61	22.11	21.07	18.28
	8RB-Low (0)	1778.5 (132657)	21.64	21.07	20.13	17.89
		1745 (132322)	22.23	21.76	20.72	17.96
		1711.5 (131987)	22.53	22.07	21.10	17.85
	15RB (0)	1778.5 (132657)	21.64	21.08	20.06	18.00
		1745 (132322)	22.29	21.80	20.77	17.87
		1711.5 (131987)	22.57	22.08	21.08	18.03

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