TESTING
NVLAP LAB CODE 600118-0

SAR TEST REPORT

No. I21Z60790-SEM01

For

Honor Device Co., Ltd.

Smart Phone

Model Name: NTH-NX9

with

Hardware Version: HN2NTHM

Software Version: 4.2.0.107（C900E107R1P2）

FCC ID: 2AYGCNTH-NX9

Issued Date: 2021-9-9

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

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I21Z60790-SEM01	Rev.0	2021-8-8	Initial creation of test report
I21Z60790-SEM01	Rev.1	2021-9-7	Update the information in section16.3 on page343
I21Z60790-SEM01	Rev.2	2021-9-9	Update the information in section6 on page12 Update the table description in section12

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1 Test Laboratory

1.1 Testing Location

Company Name:	CTTL(Shouxiang)
Address:	No. 51 Shouxiang Science Building, Xueyuan Road, Haidian District, Beijing, P. R. China100191

1.2 Testing Environment

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

1.3 Project Data

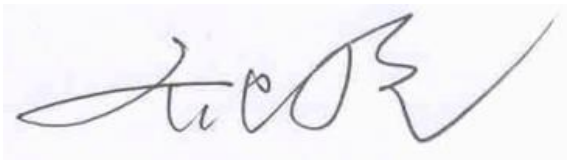
Project Leader:	Qi Dianyuan
Test Engineer:	Lin Xiaojun
Testing Start Date:	May17, 2021
Testing End Date:	August 5, 2021

1.4 Signature



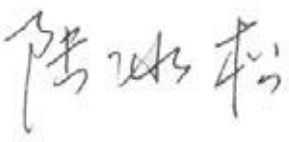
Lin Xiaojun

(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 Honor Device Co., Ltd. Smart Phone NTH-NX9 are as follows:

Table 2.1: Highest Reported SAR -Standalone(1g)

Mode		Antenna	Highest Reported SAR (1g)			Product Specific 10-g SAR 0mm
			1g SAR Head	1g SAR Body-worn 15mm	1g SAR Hotspot 10mm	
GSM	GSM 850	0	0.13	0.13	0.11	/
	GSM 850	2	0.25	0.18	0.05	/
	PCS 1900	1	0.12	0.12	0.14	/
	PCS 1900	6	0.94	0.18	0.14	/
WCDMA	UMTS FDD 2	1	0.15	0.27	0.44	/
	UMTS FDD 2	6	0.81	0.29	0.14	/
	UMTS FDD 4	1	0.17	0.24	0.49	/
	UMTS FDD 4	6	0.71	0.12	0.09	/
	UMTS FDD 5	0	0.23	0.29	0.16	/
	UMTS FDD 5	2	0.43	0.23	0.21	/
LTE	LTE Band 2	1	0.18	0.24	0.30	/
	LTE Band 2	6	0.73	0.13	0.12	/
	LTE Band 4	1	0.15	0.30	0.47	/
	LTE Band 4	6	0.58	0.06	0.04	/
	LTE Band 5	0	/	/	/	/
	LTE Band 5	2	/	/	/	/
	LTE Band 7	3	0.98	0.11	0.18	/
	LTE Band 7	9	0.76	0.10	0.11	/
	LTE Band 7	1	0.06	0.15	0.25	/
	LTE Band 7	6	1.03	0.14	0.15	/
	LTE Band 12	0	0.12	0.14	0.06	/
	LTE Band 12	2	0.26	0.16	0.09	/
	LTE Band 17	0	/	/	/	/
	LTE Band 17	2	/	/	/	/
	LTE Band 26	0	0.14	0.22	0.11	/
	LTE Band 26	2	0.40	0.20	0.16	/
	LTE Band 38	1	0.08	0.16	0.18	/
	LTE Band 38	6	0.63	0.09	0.07	/
	LTE Band 41	1	0.04	0.12	0.23	/
	LTE Band 41	6	0.59	0.09	0.09	/
	LTE Band 66	1	0.18	0.30	0.44	/
	LTE Band 66	6	0.55	0.07	0.09	/
NR	N7	3	0.99	0.16	0.22	/
	N7	9	0.95	0.21	0.08	/
	N7	1	0.24	0.37	0.46	/
	N7	6	1.08	0.18	0.13	/
	N38	3	0.92	0.23	0.21	/
	N38	9	0.68	0.23	0.10	/

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	N38	1	0.09	0.13	0.13	/
	N38	6	0.98	0.10	0.08	/
	N41	3	0.71	0.16	0.25	/
	N41	9	0.78	0.38	0.10	/
	N41	1	0.12	0.13	0.34	/
	N41	6	1.00	0.16	0.12	/
WLAN 2.4 GHz		core0	0.21	0.18[1]	0.18	/
WLAN 2.4 GHz		core1	0.10	0.10[1]	0.10	/
WLAN 5 GHz		core0	0.41	0.33[1]	0.33	1.60
WLAN 5 GHz		core1	0.06	0.55[1]	0.55	1.32
BT		core0	0.49	0.18[1]	0.18	/
BT		core1	0.28	0.13[1]	0.13	/

Note1: SAR result at 10mm is used for conservative evaluation.

Note2: The device have similar frequency in some LTE bands ： LTEB5/26,12/17, 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.

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 for hotspot and 15mm for body worn 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. A detailed description of the equipment under test can be found in chapter 4 of this test report.

Table 2.2: Highest Reported SAR -Simultaneous transmission

reported SAR 1g (W/kg)						
Head		WWAN		5G MIMO (+BT)	BT	WWAN+WiFi5G MIMO+BT
		LTE Band7 ANT9	N7 ANT6			
Tilt	Left	0.31	0.31	0.29	0.49	1.09

The detail for simultaneous transmission consideration is described in chapter 16.

The highest reported SAR for Head, Body Worn, Hotspot, Product Specific 10-g SAR and Simultaneous transmission exposure conditions are 1.08W/kg, 0.55W/kg, 0.55W/kg, 1.60W/kg and 1.09W/kg

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3 Client Information

3.1 Applicant Information

Company Name:	Honor Device Co., Ltd.
Address/Post:	Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, Guangdong, China
Contact Person:	Li Ming
E-mail:	liming136@hihonor.com
Telephone:	0755-61886688
Fax:	NA

3.2 Manufacturer Information

Company Name:	Honor Device Co., Ltd.
Address/Post:	Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, Guangdong, China
Contact Person:	Li Ming
E-mail:	liming136@hihonor.com
Telephone:	0755-61886688
Fax:	NA

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

4.1 About EUT

Description:	Smart Phone
Model name:	NTH-NX9
Operating mode(s):	GSM850/1900, WCDMA850/1700/1900, BT, Wi-Fi (2.4G/5G), 5G NR n7/n38/n41, LTE Band 2/4/5/7/12/17/26/38/41/66
Tested 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)
	704 –716 MHz (LTE Band 17)
	814 – 849 MHz (LTE Band 26)
	2570 – 2620 MHz (LTE Band 38)
	2496 – 2690 MHz (LTE Band 41)
	1710 – 1780 MHz (LTE Band 66)
	2500 – 2570 MHz (NR n7)
	2570 – 2620 MHz (NR n38)
	2496 – 2690 MHz (NR n41)
	2402 – 2480 MHz (Bluetooth)
	2412 – 2462 MHz (Wi-Fi 2.4G)
	5150-5825 MHz (Wi-Fi 5G)
GPRS/EGPRS Multislot Class:	12
GPRS capability Class:	B
Antenna type:	Integrated antenna
Hotspot mode:	Support

Note：

1 This device does not support DTM operation and supports GRPS/EGRPS mode up to multi-slot class 12.

2 WLAN transmit with WWAN/BT simultaneously, WLAN and WWAN will invoke reduced power level

3 The device incorporates the Smart Transmit (SmartTX) SAR averaging algorithm provided by Qualcomm for cellular technologies. Smart Transmit controls the Tx power of the cellular based wireless device in real-time to maintain the time-averaged Tx power, and in turn, time-averaged RF exposure, below the predefined time-average power limit characterized for each technology and band.

4 For 5G NR test, using FTM (Factory Test Mode) to perform SAR with default 100% transmission.

5 NTH-NX9 is a subscriber equipment in the GSM//WCDMA/LTE/NR system. The device is a dual SIM and single SIM smart phone, Single SIM delete SIM only by software. The Mobile Phone implements such functions as RF signal receiving/transmitting, voice, video, MMS service, GPS, BT, Wi-Fi etc. And the software in EUT is Android system.

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4.2 Internal Identification of EUT used during the test

EUT ID*	IMEI/SN	HW	SW Version
EUT1	861997050024558 861997050027650	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT2	861997050026173 861997050029276	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT3	861997050024830 861997050027932	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT4	861997050026249 861997050029342	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT5	861997050068340 861997050068746	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT6	861997050024566 861997050027668	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT7	AXPMVB1702000011	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT8	861997050024574 861997050027676	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT9	861997050025803 861997050028906	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT10	861997050026181 861997050029284	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT11	861997050027163 861997050030266	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT12	861997050025969 861997050029060	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT13	AXPM011428000145	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT14	AXPM011428000198	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT15	9VHQVB216R012185	HN2NTHM	4.2.0.107（C900E107R1P2）
EUT16	AXPM011428000294	HN2NTHM	4.2.0.107（C900E107R1P2）

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

Note: It is performed to test SAR with the EUT1-8 and conducted power with the EUT9-16.

4.3 Internal Identification of AE used during the test

AE ID*	Description	Model	SN	Manufacturer
AE1	Battery	HB476489EFW	/	SCUD
AE2	Battery	HB476489EFW	/	Sunwoda

*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 D01SAR measurement 100 MHz to 6 GHz v01r04: SAR Measurement Requirements for 100 MHz to 6 GHz.

KDB865664 D02RF Exposure Reporting v01r02: RF Exposure Compliance Reporting and Documentation Considerations

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6 Smart Transmit Feature

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. All conducted power and SAR measurements in this report (Part 1 test) were performed by setting Reserve_power_margin (Smart Transmit EFS entry) to 0dB.

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 Pmax, when needed, but enforces power limiting to maintain time-averaged transmit power to Plimit.

Below table shows Plimit EFS settings and maximum tune up output power Pmax configured for this EUT for various transmit conditions (Device State Index DSI).

Band	Antenna	Plimit（dBm）					Pmax (dBm)
		Head	Body	WWAN+Wifi5 G+BT Head	WWAN+Wifi5 G+BT Body	Hotspot	
		DSI 1	DSI 3	DSI 5	DSI 9	DSI 13	
GSM_B850	0	32.2	32.2	28.2	30.2	28.2	32.2
GSM_B850	2	32.2	32.2	28.2	30.2	28.2	32.2
GSM_B1900	1	29.2	29.2	25.2	27.2	25.2	29.2
GSM_B1900	6	25.1	28.1	21.1	26.1	21.1	28.1
LTE_B2	1	23	22.2	19	20.2	19	23
LTE_B2	6	15.8	19.2	11.8	17.2	11.8	21.7
LTE_B4	1	23.5	22.7	19.5	20.7	19.5	23.5

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LTE_B4	6	19.7	20.7	15.7	18.7	15.7	22.7
LTE_B5	0	24.5	24.5	20.5	22.5	20.5	24.5
LTE_B5	2	24.4	24.4	20.4	22.4	20.4	24.4
LTE_B7	1	22.5	22.5	18.5	20.5	18.5	22.5
LTE_B7	6	16.7	17.9	12.7	15.9	12.7	21
LTE_B7	3	21	21.4	17	19.4	17	23.5
LTE_B7	9	21.6	21.6	17.6	19.6	17.6	21.6
LTE_B12	0	24	24	20	22	20	24
LTE_B12	2	24.1	24.1	20.1	22.1	20.1	24.1
LTE_B17	0	24	24	20	22	20	24
LTE_B17	2	24.1	24.1	20.1	22.1	20.1	24.1
LTE_B26	0	24.5	24.5	20.5	22.5	20.5	24.5
LTE_B26	2	24.4	24.4	20.4	22.4	20.4	24.4
LTE_B38	1	23.6	23.6	19.6	21.6	19.6	24.5
LTE_B38	6	18.3	19.4	14.3	17.4	14.3	23.5
LTE_B41	1	23.4	23.2	19.4	21.2	19.4	24.5
LTE_B41	6	18.2	19.4	14.2	17.4	14.2	23.5
LTE_B66	1	23.5	22.5	19.5	20.5	19.5	23.5
LTE_B66	6	19.4	20.7	15.4	18.7	15.4	22.7
NR5G_N7	3	20.2	20.2	16.2	18.2	16.2	23.5
NR5G_N7	9	18.6	21.3	14.6	19.3	14.6	21.6
NR5G_N7	1	22.5	21.7	18.5	19.7	18.5	22.5
NR5G_N7	6	16.7	17.9	12.7	15.9	12.7	21
NR5G_N38	3	20.3	21.5	16.3	19.5	16.3	24.5
NR5G_N38	9	18.7	22.4	14.7	20.4	14.7	22.4
NR5G_N38	1	21.1	21.1	17.1	19.1	17.1	23.3
NR5G_N38	6	17.2	18	13.2	16	13.2	22.3
NR5G_N41	3	21.6	21.6	17.6	19.6	17.6	24.5
NR5G_N41	9	17.8	22.1	13.8	20.1	13.8	22.4
NR5G_N41	1	21.1	21.1	17.1	19.1	17.1	23.3
NR5G_N41	6	16	17.5	12	15.5	12	22.3
WCDMA_B2	1	23.5	21.9	19.5	19.9	19.5	23.5
WCDMA_B2	6	15.8	19.2	11.8	17.2	11.8	22.2
WCDMA_B4	1	23.5	22.2	19.5	20.2	19.5	23.5
WCDMA_B4	6	18.9	19.9	14.9	17.9	14.9	22.4
WCDMA_B5	0	24.5	24.5	20.5	22.5	20.5	24.5
WCDMA_B5	2	24.4	24.4	20.4	22.4	20.4	24.4

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.

3 The device have similar frequency in some LTE bands ： LTEB5/26,12/17, since the supported

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frequency spans for the smaller LTE bands are completely cover by the larger LTE bands, therefore, only larger LTE bands were required to be tested for SAR.

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

The temperature of the tissue-equivalent medium used during measurement must also be within 18 °C to 25 °C and within ± 2 °C of the temperature when the tissue parameters are characterized. The dielectric parameters must be measured before the tissue-equivalent medium is used in a series of SAR measurements. The parameters should be re-measured after each 3 – 4 days of use; or earlier if the dielectric parameters can become out of tolerance; for example, when the parameters are marginal at the beginning of the measurement series.

The dielectric constant (εr) and conductivity (σ) of typical tissue-equivalent media recipes are expected to be within ± 5% of the required target values; but for SAR measurement systems that have implemented the SAR error compensation algorithms documented in IEEE Std 1528-2013, to automatically compensate the measured SAR results for deviations between the measured and required tissue dielectric parameters, the tolerance for εr and σ may be relaxed to ± 10%. This is limited to frequencies ≤ 3 GHz.

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
2450	Head	1.80	1.71～1.89	39.2	37.2～41.2
2600	Head	1.96	1.86～2.06	39.01	37.1～41.0
5250	Head	4.71	4.47～4.95	35.93	34.13～37.73
5600	Head	5.07	4.82～5.32	35.53	33.8～37.3
5750	Head	5.22	4.96～5.48	35.36	33.59～37.13

8.2 Dielectric Performance

Table 8.2: Dielectric Performance of Tissue Simulating Liquid

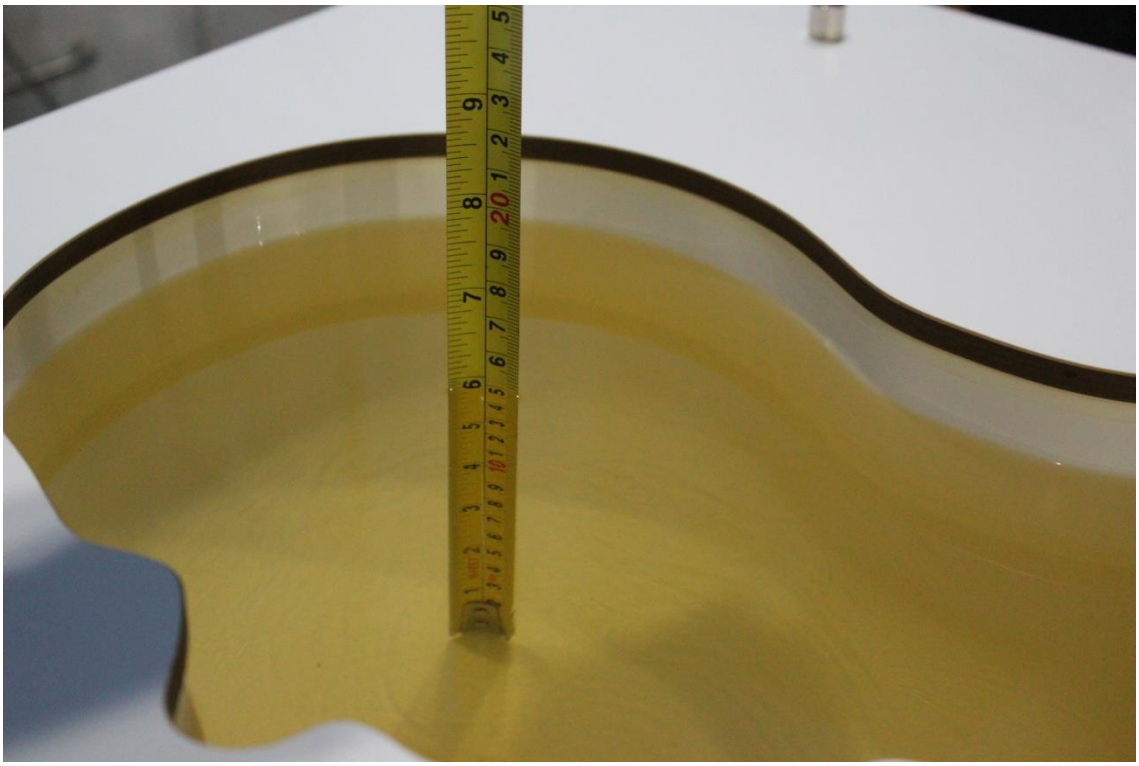
Measurement Date yyyy/mm/dd	Frequency	Type	Permittivity ε	Drift (%)	Conductivity σ (S/m)	Drift (%)
2021/6/14	750MHz	Head	43.87	4.60%	0.8688	-2.38%
2021/6/25	750MHz	Head	42.32	0.91%	0.8206	-7.80%
2021/6/14	835 MHz	Head	43.56	4.96%	0.9034	0.38%
2021/6/21	835 MHz	Head	43.54	4.92%	0.8585	-4.61%
2021/6/24	835 MHz	Head	42	1.20%	0.8553	-4.97%
2021/6/25	835 MHz	Head	42	1.20%	0.8553	-4.97%
2021/7/2	835 MHz	Head	43.17	4.02%	0.8821	-1.99%
2021/7/12	835 MHz	Head	43.24	4.19%	0.8779	-2.46%
2021/7/18	835 MHz	Head	43.36	4.48%	0.939	4.33%
2021/6/16	1750MHz	Head	41.92	4.59%	1.379	0.66%
2021/6/21	1750MHz	Head	41.85	4.42%	1.359	-0.80%
2021/6/24	1750MHz	Head	39.3	-1.95%	1.345	-1.82%

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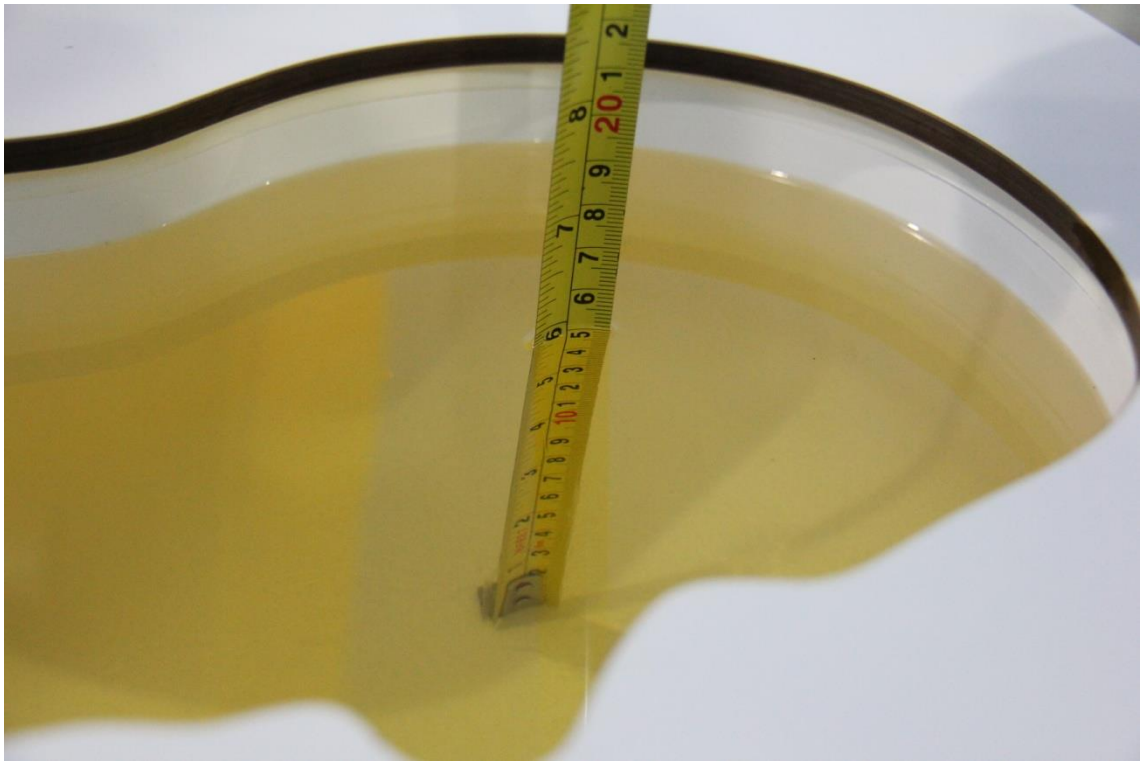
2021/7/2	1750MHz	Head	41.03	2.37%	1.364	-0.44%
2021/7/12	1750MHz	Head	41.68	3.99%	1.368	-0.15%
2021/7/20	1750MHz	Head	42.03	4.87%	1.35	-1.46%
2021/7/21	1750MHz	Head	40.68	1.50%	1.349	-1.53%
2021/6/16	1900 MHz	Head	41.65	4.13%	1.467	4.79%
2021/6/21	1900 MHz	Head	41.63	4.08%	1.444	3.14%
2021/6/24	1900 MHz	Head	38.86	-2.85%	1.436	2.57%
2021/7/2	1900 MHz	Head	40.71	1.78%	1.463	4.50%
2021/7/10	1900 MHz	Head	40.18	0.45%	1.439	2.79%
2021/7/22	1900 MHz	Head	41.2	3.00%	1.459	4.21%
2021/6/23	2450 MHz	Head	38.01	-3.04%	1.829	1.61%
2021/7/2	2450 MHz	Head	40.77	4.01%	1.855	3.06%
2021/7/5	2450 MHz	Head	40.62	3.62%	1.889	4.94%
2021/7/8	2450 MHz	Head	38.01	-3.04%	1.829	1.61%
2021/7/20	2450 MHz	Head	40.27	2.73%	1.875	4.17%
2021/6/21	2600 MHz	Head	40.59	4.05%	2.002	2.14%
2021/6/24	2600 MHz	Head	37.73	-3.28%	1.945	-0.77%
2021/7/2	2600 MHz	Head	39.45	1.13%	2.002	2.14%
2021/7/8	2600 MHz	Head	40.16	2.95%	2.022	3.16%
2021/7/14	2600 MHz	Head	39.17	0.41%	2.018	2.96%
2021/7/22	2600 MHz	Head	40.89	4.82%	2.028	3.47%
2021/7/23	2600 MHz	Head	38.6	-1.05%	2.018	2.96%
2021/6/27	5250 MHz	Head	35.64	-0.81%	4.59	-2.55%
2021/7/5	5250 MHz	Head	35.12	-2.25%	4.74	0.64%
2021/7/28	5250 MHz	Head	35.49	-1.22%	4.479	-4.90%
2021/6/27	5750 MHz	Head	34.6	-2.15%	5.158	-1.19%
2021/7/5	5750 MHz	Head	34.19	-3.31%	5.271	0.98%
2021/7/28	5750 MHz	Head	34.33	-2.91%	5.182	-0.73%

Note: The liquid temperature is (22.0 -23.0)℃

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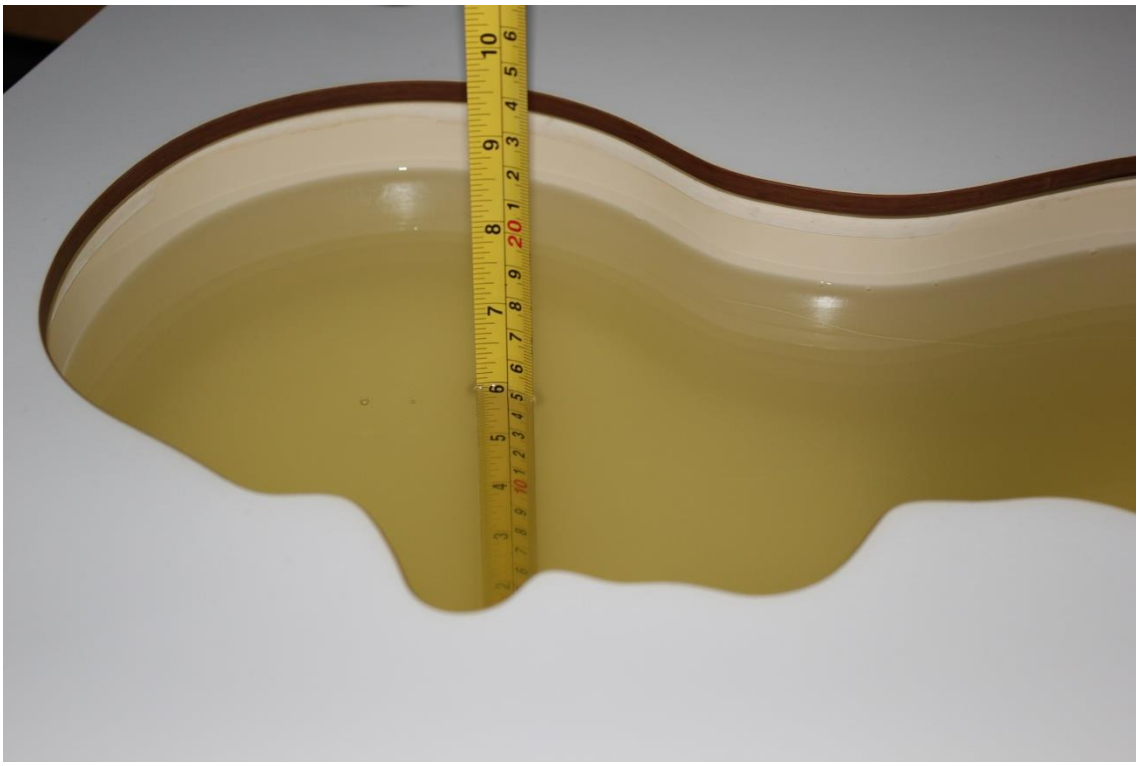


Picture 7-1 Liquid depth in the Head Phantom (750MHz)

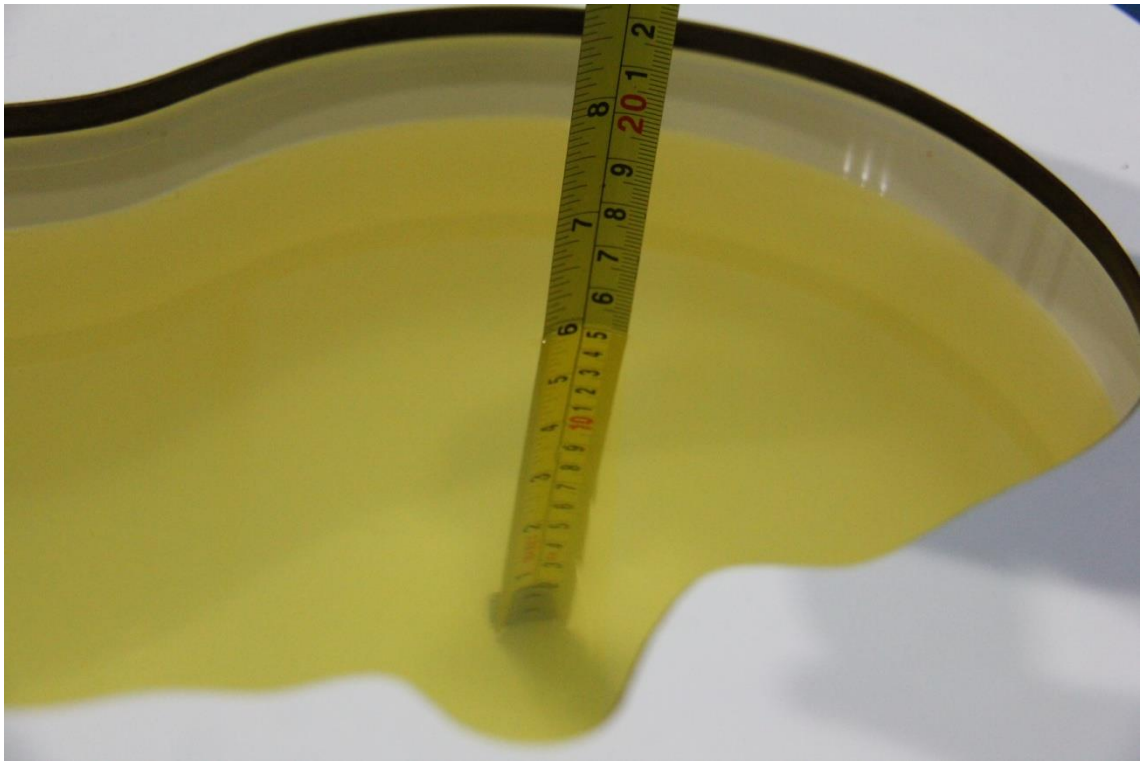


Picture 7-2 Liquid depth in the Head Phantom (835 MHz)

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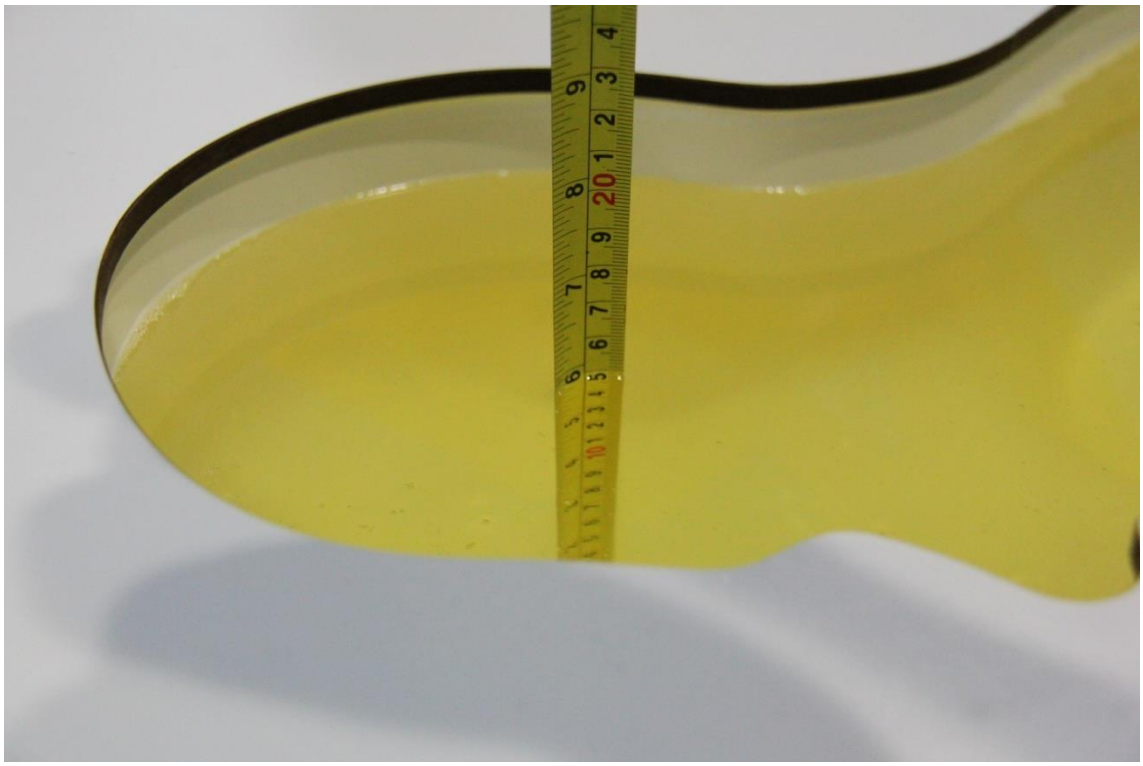


Picture 7-3 Liquid depth in the Head Phantom (1750 MHz)



Picture 7-4 Liquid depth in the Head Phantom (1900 MHz)

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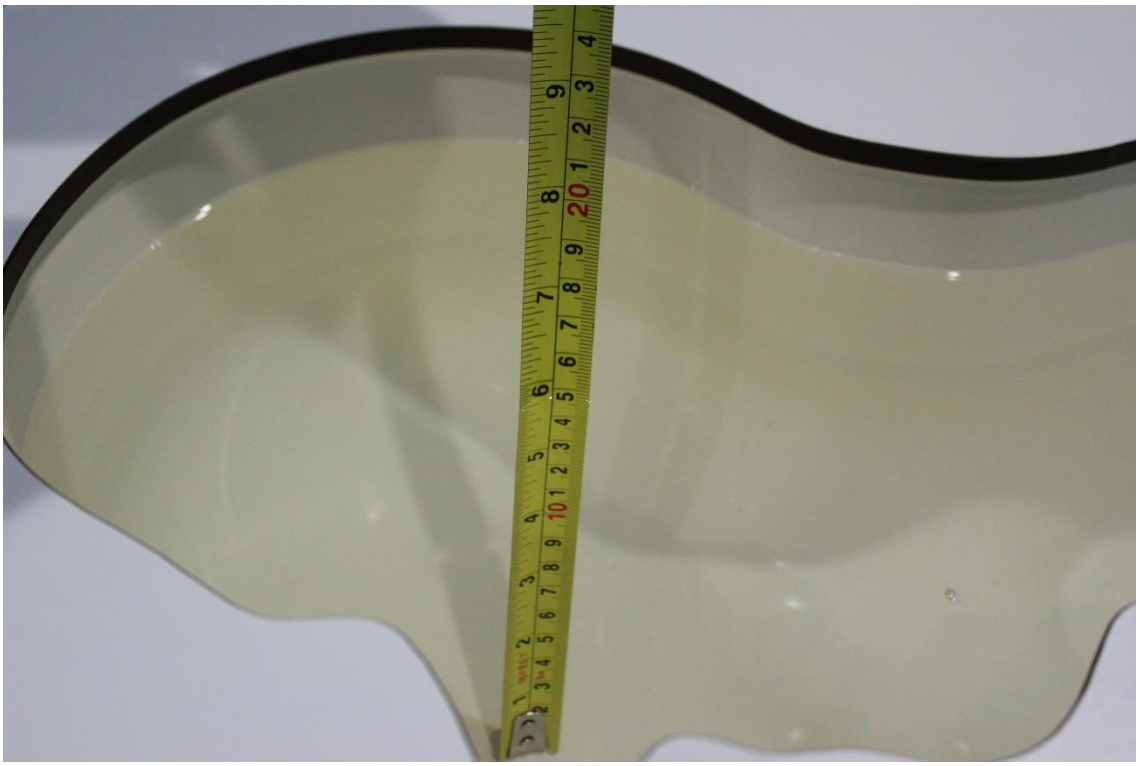


Picture 7-5 Liquid depth in the Head Phantom (2450MHz)



Picture 7-6 Liquid depth in the Head Phantom (2600 MHz)

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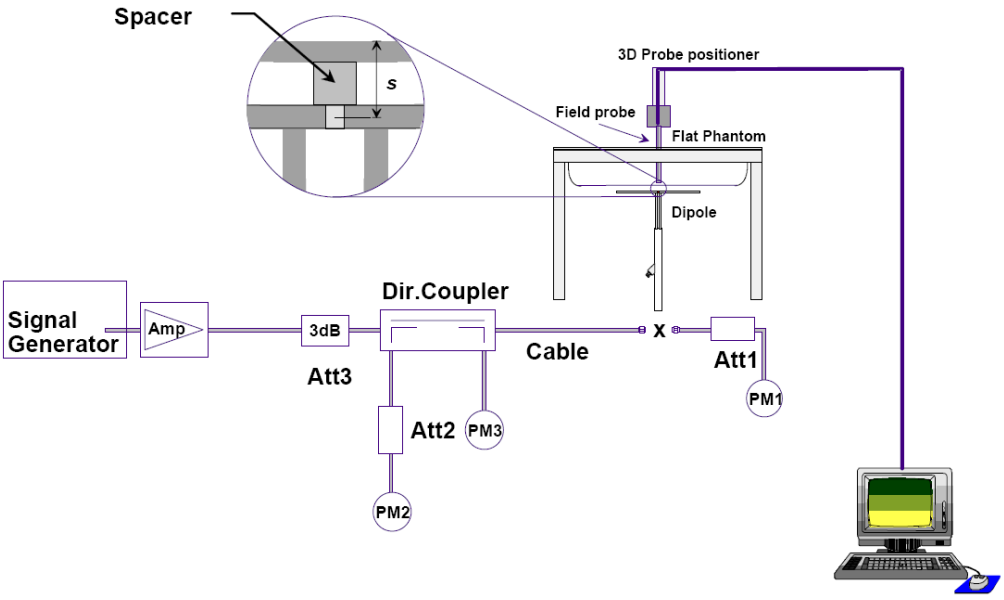
Picture 7-7 Liquid depth in the Head Phantom (5GHz)

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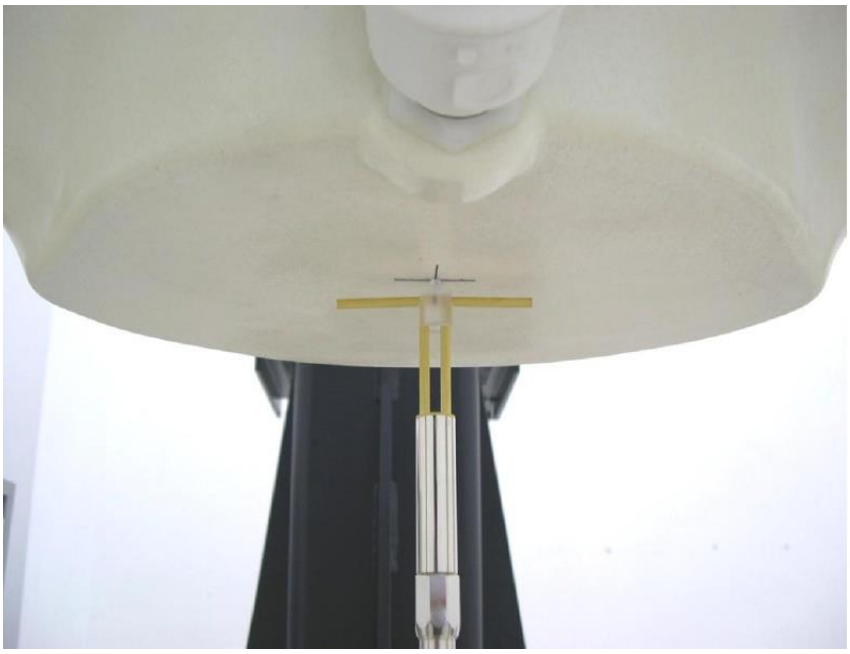
9 System verification

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.

Table 9.1: System Verification of Head

Calibration Date	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
2021/6/14	750 MHz	5.76	8.59	5.20	7.88	-9.72%	-8.27%
2021/6/25	750 MHz	5.76	8.59	5.24	7.96	-9.03%	-7.33%
2021/6/14	835 MHz	6.11	9.49	6.36	9.64	4.09%	1.58%
2021/6/21	835 MHz	6.11	9.49	5.88	8.92	-3.76%	-6.01%
2021/6/24	835 MHz	6.11	9.49	5.88	8.84	-3.76%	-6.85%
2021/6/25	835 MHz	6.11	9.49	6.16	9.32	0.82%	-1.79%
2021/7/2	835 MHz	6.11	9.49	5.96	9.00	-2.45%	-5.16%
2021/7/12	835 MHz	6.11	9.49	6.08	9.24	-0.49%	-2.63%
2021/7/18	835 MHz	6.25	9.6	6.48	9.80	3.68%	2.08%
2021/6/16	1750 MHz	18.9	36.4	19.1	35.5	0.95%	-2.53%
2021/6/21	1750 MHz	18.9	36.4	18.8	35.0	-0.53%	-3.85%
2021/6/24	1750 MHz	18.9	36.4	18.6	34.6	-1.59%	-4.95%
2021/7/2	1750 MHz	18.9	36.4	18.9	35.2	-0.11%	-3.41%
2021/7/12	1750 MHz	18.9	36.4	18.6	34.6	-1.59%	-4.84%
2021/7/20	1750 MHz	19.1	36.5	19.3	36.4	1.15%	-0.27%
2021/7/21	1750 MHz	19.1	36.5	18.6	35.0	-2.62%	-4.22%
2021/6/16	1900 MHz	20.3	40.1	19.5	37.2	-4.04%	-7.23%
2021/6/21	1900 MHz	20.3	40.1	20.2	38.8	-0.30%	-3.14%
2021/6/24	1900 MHz	20.3	40.1	19.8	38.2	-2.46%	-4.84%
2021/7/2	1900 MHz	20.3	40.1	20.4	39.1	0.69%	-2.54%
2021/7/10	1900 MHz	20.6	39.6	20.4	39.2	-0.97%	-1.11%
2021/7/22	1900 MHz	20.6	39.6	21.4	40.8	4.08%	3.03%
2021/6/23	2450 MHz	24.0	53.1	25.1	54.0	4.50%	1.69%
2021/7/2	2450 MHz	24.0	53.1	25.4	54.4	5.67%	2.45%
2021/7/5	2450 MHz	24.0	53.1	25.8	55.2	7.50%	3.95%
2021/7/8	2450 MHz	24.0	53.1	25.0	53.6	4.00%	0.94%
2021/7/20	2450 MHz	24.5	52.5	23.9	50.8	-2.37%	-3.24%
2021/6/21	2600 MHz	25.3	57.0	25.2	54.8	-0.40%	-3.86%
2021/6/24	2600 MHz	25.3	57.0	24.5	53.2	-3.08%	-6.67%
2021/7/2	2600 MHz	25.3	57.0	24.9	54.0	-1.50%	-5.26%
2021/7/8	2600 MHz	25.3	57.0	25.3	55.2	0.08%	-3.16%

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2021/7/14	2600 MHz	25.3	57.0	25.3	55.2	-0.08%	-3.16%
2021/7/22	2600 MHz	25.3	57.0	24.4	54.0	-3.72%	-5.26%
2021/7/23	2600 MHz	25.3	57.0	25.8	56.0	1.82%	-1.75%
2021/6/27	5250 MHz	22.5	78.5	22.5	81.0	0.00%	3.18%
2021/7/5	5250 MHz	22.5	78.5	21.4	79.8	-4.89%	1.66%
2021/7/28	5250 MHz	22.5	78.5	22.0	79.1	-2.22%	0.76%
2021/6/27	5750 MHz	21.8	76.7	20.9	75.7	-4.13%	-1.30%
2021/7/5	5750 MHz	21.8	76.7	21.3	77.2	-2.29%	0.65%
2021/7/28	5750 MHz	21.8	76.7	22.2	79.6	1.83%	3.78%

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10 General Measurement Procedure

10.1 *Power Reference Measurement*

The Power Reference Measurement and Power Drift Measurements are for monitoring the power drift of the device under test in the batch process. The minimum distance of probe sensors to surface determines the closest measurement point to phantom surface. This distance cannot be smaller than the distance of sensor calibration points to probe tip as defined in the probe properties.

10.2 *Area Scan*

The area scan is used as a fast scan in two dimensions to find the area of high field values, before doing a fine measurement around the hot spot. The sophisticated interpolation routines implemented in DASY software can find the maximum found in the scanned area, within a range of the global maximum. The range (in dB0 is specified in the standards for compliance testing. For example, a 2 dB range is required in IEEE standard 1528 and IEC 62209 standards, whereby 3 dB is a requirement when compliance is assessed in accordance with the ARIB standard (Japan), if only one zoom scan follows the area scan, then only the absolute maximum will be taken as reference. For cases where multiple maximums are detected, the number of zoom scans has to be increased accordingly.
Area scan parameters extracted from FCC KDB 865664 D01v01r04 SAR measurement 100 MHz to 6 GHz.

	≤ 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.	

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10.3 *Zoom Scan*

Zoom Scans are used to assess the peak spatial SAR values within a cubic averaging volume containing 1 g and 10g of simulated tissue. The Zoom Scan measures points (refer to table below) within a cube whose base faces are centered on the maxima found in a preceding area scan job within the same procedure. When the measurement is done, the Zoom Scan evaluates the averaged SAR for 1 g and 10 g and displays these values next to the job’s label.

Zoom Scan Parameters extracted from KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz

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	≤ 1.5·$\Delta z_{Zoom}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm

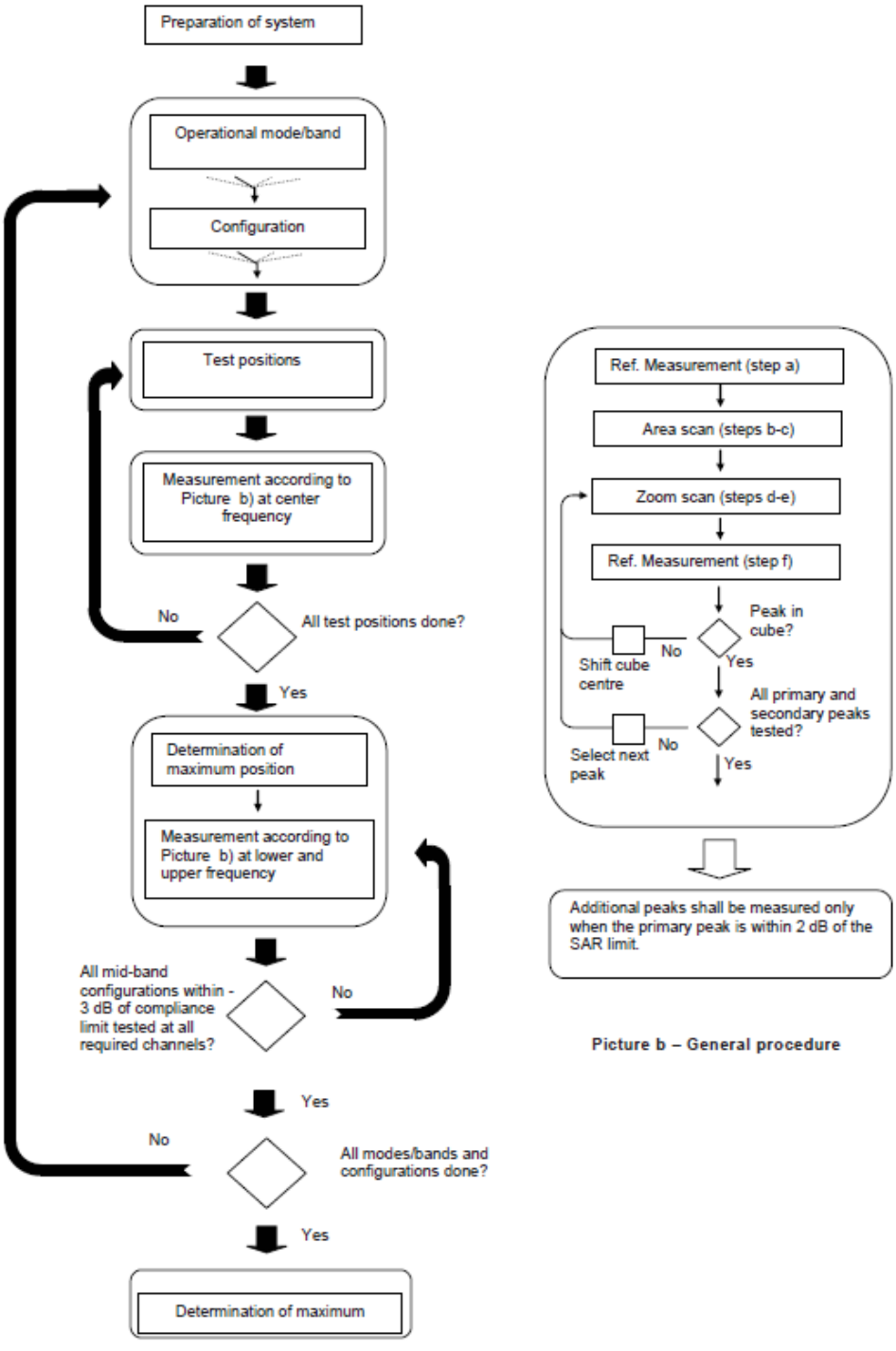
Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.

* 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.

10.4 *Power drift measurement*

The Power Drift Measurement measures the field at the same location as the most recent power reference measurement within the same procedure, and with the same settings. The Power Drift Measurement gives the field difference in dB from the reading conducted within the last Power Reference Measurement. This allows a user to monitor the power drift of the device under test within a batch process. The measurement procedure is the same as 10.1.

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Picture a – Tests to be performed

Picture b – General procedure

Picture 10.1Block diagram of the tests to be performed

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11 Measurement Procedure for different technologies

11.1 GSM/GPRS Measurement Procedures for SAR

GSM / GPRS / EDGE modes is determined by the source-based time-averaged output power including tune-up tolerance. The mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested. Other configurations of GSM / GPRS / EDGE are considered as secondary modes. The 3G SAR test reduction procedure is applied, when the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode, SAR measurement is not required for the secondary mode.

11.2 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	4	2	1.5	1.5	15	92

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							β_{ed2}:47/15						
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.7 Release 7 HSPA+ Data Devices

Table C.11.1.4: β values for transmitter characteristics tests with HS-DPCCH and E-DCH with 16QAM

Sub-test	β_c (Note3)	β_d	β_{HS} (Note1)	β_{ec}	β_{ed} (2xSF2) (Note 4)	β_{ed} (2xSF4) (Note 4)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 4)	E-TFCI (Note 5)	E-TFCI (boost)
1	1	0	30/15	30/15	β_{ed}1: 30/15 β_{ed}2: 30/15	β_{ed}3: 24/15 β_{ed}4: 24/15	3.5	2.5	14	105	105

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c.
Note 2: CM = 3.5 and the MPR is based on the relative CM difference, MPR = MAX(CM-1,0).
Note 3: DPDCH is not configured, therefore the β_c is set to 1 and β_d = 0 by default.
Note 4: β_{ed} can not be set directly; it is set by Absolute Grant Value.
Note 5: All the sub-tests require the UE to transmit 2SF2+2SF4 16QAM EDCH and they apply for UE using E-DPDCH category 7. E-DCH TTI is set to 2ms TTI and E-DCH table index = 2. To support these E-DCH configurations DPDCH is not allocated. The UE is signalled to use the extrapolation algorithm.

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.

Table C.8.1.12: Fixed Reference Channel H-Set 12

Parameter	Unit	Value
Nominal Avg. Inf. Bit Rate	kbps	60
Inter-TTI Distance	TTI's	1
Number of HARQ Processes	Processes	6
Information Bit Payload (N_{INF})	Bits	120
Number Code Blocks	Blocks	1
Binary Channel Bits Per TTI	Bits	960
Total Available SML's in UE	SML's	19200
Number of SML's per HARQ Proc.	SML's	3200
Coding Rate		0.15
Number of Physical Channel Codes	Codes	1
Modulation		QPSK

Note 1: The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table.
Note 2: Maximum number of transmission is limited to 1, i.e., retransmission is not allowed. The redundancy and constellation version 0 shall be used.

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11.3 LTE Measurement Procedures for SAR

SAR tests for LTE are performed with a base station simulator, Rohde & Rchwarz CMW500 or . Anritsu MT8821C Closed loop power control was used so the UE transmits with maximum output power during SAR testing.

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 v02r05 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 v02r05. SAR testing is performed using the extended cyclic prefix listed in 3GPP TS 36.211.

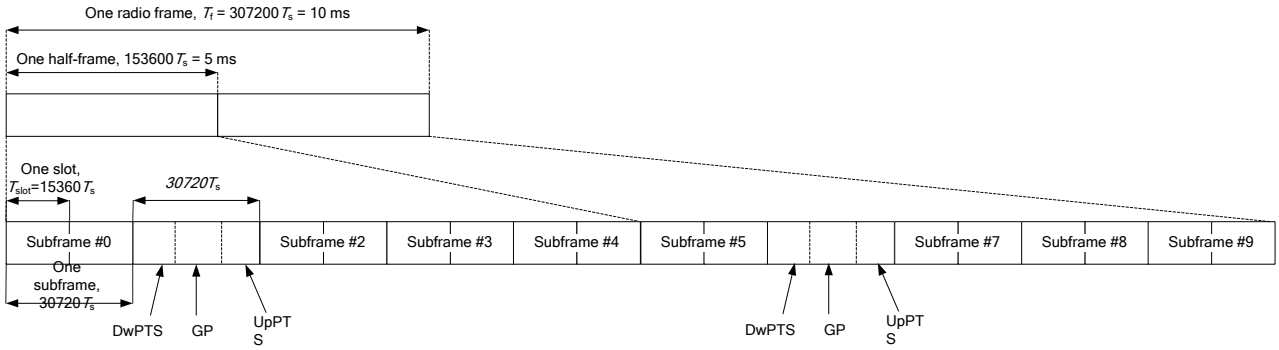


Figure 10.2: Frame structure type 2 (for 5 ms switch-point periodicity)

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Table 10.1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$	$7680 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$			$7680 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$
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 10.2: Uplink-downlink configurations

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

Duty factor is calculated by:

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

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

= 0.633

According to the KDB 447498 D01, SAR should be evaluated at more than 3 frequencies for devices supporting transmit bands wider than 100MHz. Oct.2014 FCC-TCB conference notes (Dec. 2014 rev.) specifies the 5 test channels to use for 3GPP band 38/41 SAR evaluation.

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11.4 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.

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12 Conducted Output Power

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

Head receiver on	Body worn receiver off	Head receiver on (WWAN+WLAN/BT)	Body worn receiver off (WWAN+WLAN/BT)	Hostpot	Full Power
Plimit					Pmax
DSI 1	DSI 3	DSI 5	DSI 9	DSI 13	

12.1 GSM Measurement result

During the process of testing, the EUT was controlled via R&S Digital Radio Communication tester (CMW500) to ensure the maximum power transmission and proper modulation. This result contains conducted output power for the EUT. In all cases, the measured peak output power should be greater and within 5% than EMI measurement.

Measured Pmax for all DSI

GSM850 ANT0

GSM 850	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	251	190	128			251	190	128
1 Txslot	32.40	32.44	32.24	33.20	/	/	/	/
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	32.48	32.27	32.43	33.20	-9.03	23.45	23.24	23.40
2 Txslots	29.19	29.22	29.24	30.20	-6.02	23.17	23.20	23.22
3Txslots	27.24	27.30	27.38	28.40	-4.26	22.98	23.04	23.12
4 Txslots	25.84	25.99	26.22	27.20	-3.01	22.83	22.98	23.21
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	251	190	128			251	190	128
1 Txslot	32.44	32.49	32.34	33.20	-9.03	23.41	23.46	23.31
2 Txslots	29.12	29.35	29.14	30.20	-6.02	23.10	23.33	23.12
3Txslots	27.27	27.40	27.28	28.40	-4.26	23.01	23.14	23.02
4 Txslots	26.21	26.21	26.12	27.20	-3.01	23.20	23.20	23.11
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	251	190	128			251	190	128
1 Txslot	26.24	26.18	26.10	27.00	-9.03	17.21	17.15	17.07

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2 Txslots	23.30	22.63	22.63	24.00	-6.02	17.28	16.61	16.61
3Txslots	21.16	21.31	21.43	22.20	-4.26	16.90	17.05	17.17
4 Txslots	19.54	19.68	19.79	21.00	-3.01	16.53	16.67	16.78

GSM850 ANT2

GSM 850	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	251	190	128			251	190	128
1 Txslot	32.35	32.45	32.30	33.20	/	/	/	/
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	32.32	32.44	32.36	33.20	-9.03	23.29	23.41	23.33
2 Txslots	29.14	29.46	29.28	30.20	-6.02	23.12	23.44	23.26
3Txslots	27.32	27.51	27.41	28.40	-4.26	23.06	23.25	23.15
4 Txslots	26.27	26.34	26.28	27.20	-3.01	23.26	23.33	23.27
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	251	190	128			251	190	128
1 Txslot	32.32	32.43	32.36	33.20	-9.03	23.29	23.40	23.33
2 Txslots	29.13	29.43	29.25	30.20	-6.02	23.11	23.41	23.23
3Txslots	27.30	27.50	27.40	28.40	-4.26	23.04	23.24	23.14
4 Txslots	26.26	26.31	26.24	27.20	-3.01	23.25	23.30	23.23
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	251	190	128			251	190	128
1 Txslot	26.64	26.48	26.82	27.00	-9.03	17.61	17.45	17.79
2 Txslots	23.16	23.19	23.20	24.00	-6.02	17.14	17.17	17.18
3Txslots	21.36	21.65	21.88	22.20	-4.26	17.10	17.39	17.62
4 Txslots	20.17	20.09	20.32	21.00	-3.01	17.16	17.08	17.31

GSM1900 ANT1

GSM 1900	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	810	661	512			810	661	512
1 Txslot	29.44	29.17	29.37	30.20	/	/	/	/
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	29.61	29.36	29.23	30.20	-9.03	20.58	20.33	20.20
2 Txslots	26.14	26.13	26.16	27.20	-6.02	20.12	20.11	20.14
3Txslots	24.29	24.41	24.24	25.40	-4.26	20.03	20.15	19.98
4 Txslots	23.19	23.26	23.03	24.20	-3.01	20.18	20.25	20.02
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	810	661	512			810	661	512
1 Txslot	29.17	29.53	29.49	30.20	-9.03	20.14	20.50	20.46
2 Txslots	26.05	26.10	26.03	27.20	-6.02	20.03	20.08	20.01
3Txslots	24.26	24.23	24.12	25.40	-4.26	20.00	19.97	19.86
4 Txslots	22.99	23.29	23.20	24.20	-3.01	19.98	20.28	20.19
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		

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EGPRS (8PSK)	810	661	512			810	661	512
1 Txslot	25.20	25.20	24.90	26.50	-9.03	16.17	16.17	15.87
2 Txslots	22.06	21.59	21.49	23.50	-6.02	16.04	15.57	15.47
3Txslots	19.88	19.85	20.04	21.50	-4.26	15.62	15.59	15.78
4 Txslots	18.55	18.68	18.69	20.50	-3.01	15.54	15.67	15.68

GSM1900 ANT6

GSM 1900	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	810	661	512			810	661	512
1 Txslot	28.48	28.13	28.23	29.10	/	/	/	/
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	28.16	28.43	28.29	29.10	-9.03	19.13	19.40	19.26
2 Txslots	24.76	25.01	24.87	26.10	-6.02	18.74	18.99	18.85
3Txslots	23.28	23.17	22.97	24.30	-4.26	19.02	18.91	18.71
4 Txslots	22.00	22.22	22.08	23.10	-3.01	18.99	19.21	19.07
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	810	661	512			810	661	512
1 Txslot	28.21	28.40	28.28	29.10	-9.03	19.18	19.37	19.25
2 Txslots	24.96	24.98	24.83	26.10	-6.02	18.94	18.96	18.81
3Txslots	23.19	23.13	22.91	24.30	-4.26	18.93	18.87	18.65
4 Txslots	21.93	22.19	22.04	23.10	-3.01	18.92	19.18	19.03
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	810	661	512			810	661	512
1 Txslot	24.29	24.58	24.65	25.40	-9.03	15.26	15.55	15.62
2 Txslots	21.44	21.25	21.43	22.40	-6.02	15.42	15.23	15.41
3Txslots	19.40	19.06	18.73	20.40	-4.26	15.14	14.80	14.47
4 Txslots	17.96	17.98	17.85	19.40	-3.01	14.95	14.97	14.84

Measured Plimit for DSI1

GSM850 ANT0

=Full power

GSM850 ANT2

=Full power

GSM1900 ANT1

=Full power

GSM1900 ANT6

GSM 1900	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	810	661	512			810	661	512
1 Txslot	24.59	24.80	24.28	26.10	/	/	/	/
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	24.89	24.82	24.87	26.10	-9.03	15.86	15.79	15.84

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2 Txslots	21.48	21.43	21.46	23.10	-6.02	15.46	15.41	15.44
3Txslots	20.31	20.36	20.37	21.30	-4.26	16.05	16.10	16.11
4 Txslots	18.55	18.60	18.46	20.10	-3.01	15.54	15.59	15.45
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	810	661	512			810	661	512
1 Txslot	24.65	24.63	24.59	26.10	-9.03	15.62	15.60	15.56
2 Txslots	21.26	21.23	21.29	23.10	-6.02	15.24	15.21	15.27
3Txslots	19.90	19.95	19.89	21.30	-4.26	15.64	15.69	15.63
4 Txslots	18.34	18.40	18.28	20.10	-3.01	15.33	15.39	15.27
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	810	661	512			810	661	512
1 Txslot	24.27	24.33	23.92	25.40	-9.03	15.24	15.30	14.89
2 Txslots	20.89	20.95	20.83	22.40	-6.02	14.87	14.93	14.81
3Txslots	19.36	18.99	18.58	20.40	-4.26	15.10	14.73	14.32
4 Txslots	17.83	17.54	17.19	19.40	-3.01	14.82	14.53	14.18

Measured Plimit for DSI3

GSM850ANT0

=Full Power

GSM850ANT2

=Full Power

GSM1900ANT1

=Full Power

GSM1900ANT6

=Full Power

Measured Plimit for DSI9

GSM850 ANT0

GSM 850	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	251	190	128			251	190	128
1 Txslot	29.56	29.71	29.64	31.20	/	/	/	/
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	29.71	30.01	29.95	31.20	-9.03	20.68	20.98	20.92
2 Txslots	26.49	26.63	26.52	28.20	-6.02	20.47	20.61	20.50
3Txslots	24.55	24.69	24.55	26.40	-4.26	20.29	20.43	20.29
4 Txslots	23.10	23.51	23.47	25.20	-3.01	20.09	20.50	20.46
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	251	190	128			251	190	128
1 Txslot	29.50	29.81	29.78	31.20	-9.03	20.47	20.78	20.75
2 Txslots	26.27	26.43	26.33	28.20	-6.02	20.25	20.41	20.31

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3Txslots	24.32	24.49	24.33	26.40	-4.26	20.06	20.23	20.07
4 Txslots	22.87	23.29	23.26	25.20	-3.01	19.86	20.28	20.25
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	251	190	128			251	190	128
1 Txslot	25.41	25.57	25.47	27.00	-9.03	16.38	16.54	16.44
2 Txslots	21.60	21.60	21.64	24.00	-6.02	15.58	15.58	15.62
3Txslots	19.58	19.83	19.79	22.20	-4.26	15.32	15.57	15.53
4 Txslots	18.73	18.83	18.46	21.00	-3.01	15.72	15.82	15.45

GSM850 ANT2

GSM 850	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	251	190	128			251	190	128
1 Txslot	30.41	30.50	30.36	31.20	/	/	/	/
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	30.10	30.22	30.09	31.20	-9.03	21.07	21.19	21.06
2 Txslots	26.86	26.27	26.84	28.20	-6.02	20.84	20.25	20.82
3Txslots	24.45	24.83	24.81	26.40	-4.26	20.19	20.57	20.55
4 Txslots	22.60	22.67	22.79	25.20	-3.01	19.59	19.66	19.78
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	251	190	128			251	190	128
1 Txslot	30.04	30.16	30.05	31.20	-9.03	21.01	21.13	21.02
2 Txslots	26.79	26.22	26.80	28.20	-6.02	20.77	20.20	20.78
3Txslots	24.39	24.78	24.78	26.40	-4.26	20.13	20.52	20.52
4 Txslots	22.54	22.61	22.76	25.20	-3.01	19.53	19.60	19.75
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	251	190	128			251	190	128
1 Txslot	25.66	25.94	25.82	27.00	-9.03	16.63	16.91	16.79
2 Txslots	22.89	22.19	21.88	24.00	-6.02	16.87	16.17	15.86
3Txslots	20.58	20.40	20.70	22.20	-4.26	16.32	16.14	16.44
4 Txslots	18.81	18.74	19.10	21.00	-3.01	15.80	15.73	16.09

GSM1900 ANT1

GSM 1900	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	810	661	512			810	661	512
1 Txslot	26.51	26.21	26.52	28.20	/	/	/	/
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	26.17	25.81	26.21	28.20	-9.03	17.14	16.78	17.18
2 Txslots	22.67	22.77	23.19	25.20	-6.02	16.65	16.75	17.17
3Txslots	21.42	21.43	21.28	23.40	-4.26	17.16	17.17	17.02
4 Txslots	20.32	20.38	20.23	22.20	-3.01	17.31	17.37	17.22
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	810	661	512			810	661	512

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1 Txslot	25.99	25.71	26.12	28.20	-9.03	16.96	16.68	17.09
2 Txslots	22.50	22.67	23.10	25.20	-6.02	16.48	16.65	17.08
3Txslots	21.30	21.34	21.19	23.40	-4.26	17.04	17.08	16.93
4 Txslots	20.24	20.28	20.15	22.20	-3.01	17.23	17.27	17.14
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	810	661	512			810	661	512
1 Txslot	24.67	24.79	24.57	26.50	-9.03	15.64	15.76	15.54
2 Txslots	20.99	21.08	20.89	23.50	-6.02	14.97	15.06	14.87
3Txslots	19.60	19.69	19.50	21.50	-4.26	15.34	15.43	15.24
4 Txslots	18.03	18.20	18.09	20.50	-3.01	15.02	15.19	15.08

GSM1900 ANT6

GSM 1900	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	810	661	512			810	661	512
1 Txslot	25.33	25.80	25.32	27.10	/	/	/	/
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	25.46	25.52	25.06	27.10	-9.03	16.43	16.49	16.03
2 Txslots	22.47	22.50	22.42	24.10	-6.02	16.45	16.48	16.40
3Txslots	20.65	20.52	19.76	22.30	-4.26	16.39	16.26	15.50
4 Txslots	19.54	19.64	19.46	21.10	-3.01	16.53	16.63	16.45
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	810	661	512			810	661	512
1 Txslot	25.50	25.73	25.67	27.10	-9.03	16.47	16.70	16.64
2 Txslots	22.42	22.51	22.51	24.10	-6.02	16.40	16.49	16.49
3Txslots	20.57	20.78	20.58	22.30	-4.26	16.31	16.52	16.32
4 Txslots	19.53	19.35	19.62	21.10	-3.01	16.52	16.34	16.61
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	810	661	512			810	661	512
1 Txslot	24.56	24.64	24.46	25.40	-9.03	15.53	15.61	15.43
2 Txslots	20.70	20.79	20.57	22.40	-6.02	14.68	14.77	14.55
3Txslots	19.36	19.65	18.92	20.40	-4.26	15.10	15.39	14.66
4 Txslots	17.83	18.08	17.48	19.40	-3.01	14.82	15.07	14.47

Measured Plimit for DSI13/DSI5

GSM850 ANT0

GSM 850	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	251	190	128			251	190	128
1 Txslot	27.73	27.81	27.72	29.20	/	/	/	/
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	27.65	27.63	27.49	29.20	-9.03	18.62	18.60	18.46

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2 Txslots	24.39	24.56	24.41	26.20	-6.02	18.37	18.54	18.39
3Txslots	22.51	22.67	22.54	24.40	-4.26	18.25	18.41	18.28
4 Txslots	21.39	21.54	20.97	23.20	-3.01	18.38	18.53	17.96
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	251	190	128			251	190	128
1 Txslot	27.71	27.65	27.46	29.20	-9.03	18.68	18.62	18.43
2 Txslots	24.44	24.61	24.44	26.20	-6.02	18.42	18.59	18.42
3Txslots	22.56	22.73	22.57	24.40	-4.26	18.30	18.47	18.31
4 Txslots	21.44	21.61	21.01	23.20	-3.01	18.43	18.60	18.00
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	251	190	128			251	190	128
1 Txslot	25.32	25.66	25.47	27.00	-9.03	16.29	16.63	16.44
2 Txslots	22.01	22.00	22.04	24.00	-6.02	15.99	15.98	16.02
3Txslots	20.44	20.09	20.38	22.20	-4.26	16.18	15.83	16.12
4 Txslots	18.85	19.11	18.26	21.00	-3.01	15.84	16.10	15.25

GSM850 ANT2

GSM 850	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	251	190	128			251	190	128
1 Txslot	27.78	27.84	27.83	29.20	/	/	/	/
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	27.25	27.24	27.28	29.20	-9.03	18.22	18.21	18.25
2 Txslots	24.44	24.48	24.45	26.20	-6.02	18.42	18.46	18.43
3Txslots	22.52	22.59	22.63	24.40	-4.26	18.26	18.33	18.37
4 Txslots	21.53	21.52	21.47	23.20	-3.01	18.52	18.51	18.46
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	251	190	128			251	190	128
1 Txslot	27.27	27.36	27.34	29.20	-9.03	18.24	18.33	18.31
2 Txslots	24.61	24.59	24.53	26.20	-6.02	18.59	18.57	18.51
3Txslots	22.68	22.69	22.70	24.40	-4.26	18.42	18.43	18.44
4 Txslots	21.70	21.62	21.60	23.20	-3.01	18.69	18.61	18.59
GSM 850	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	251	190	128			251	190	128
1 Txslot	25.14	25.45	25.53	27.00	-9.03	16.11	16.42	16.50
2 Txslots	22.19	22.72	22.07	24.00	-6.02	16.17	16.70	16.05
3Txslots	20.17	20.25	19.89	22.20	-4.26	15.91	15.99	15.63
4 Txslots	18.69	19.08	18.76	21.00	-3.01	15.68	16.07	15.75

GSM1900 ANT1

GSM 1900	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	810	661	512			810	661	512
1 Txslot	24.66	24.88	24.76	26.20	/	/	/	/
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		

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GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	24.25	24.46	24.36	26.20	-9.03	15.22	15.43	15.33
2 Txslots	21.36	21.36	21.29	23.20	-6.02	15.34	15.34	15.27
3Txslots	19.62	19.62	19.63	21.40	-4.26	15.36	15.36	15.37
4 Txslots	**18.64**	**18.58**	**18.41**	**20.20**	**-3.01**	**15.63**	**15.57**	**15.40**
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	810	661	512			810	661	512
1 Txslot	24.25	24.48	24.35	26.20	-9.03	15.22	15.45	15.32
2 Txslots	21.38	21.38	21.27	23.20	-6.02	15.36	15.36	15.25
3Txslots	19.62	19.61	19.62	21.40	-4.26	15.36	15.35	15.36
4 Txslots	**18.64**	**18.59**	**18.38**	**20.20**	**-3.01**	**15.63**	**15.58**	**15.37**
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	810	661	512			810	661	512
1 Txslot	24.66	24.71	24.79	26.20	-9.03	15.63	15.68	15.76
2 Txslots	21.74	21.55	21.42	23.20	-6.02	15.72	15.53	15.40
3Txslots	19.91	19.90	19.73	21.40	-4.26	15.65	15.64	15.47
4 Txslots	18.52	18.59	17.92	20.20	-3.01	15.51	15.58	14.91

GSM1900 ANT6

GSM 1900	Measured Power (dBm)			Tune up	calculation	Averaged Power (dBm)		
Speech (GMSK)	810	661	512			810	661	512
1 Txslot	20.97	21.13	20.94	22.10	/	/	/	/
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
GPRS (GMSK)	251	190	128			251	190	128
1 Txslot	20.90	21.38	20.69	22.10	-9.03	11.87	12.35	11.66
2 Txslots	17.71	17.62	17.46	19.10	-6.02	11.69	11.60	11.44
3Txslots	16.72	17.03	16.88	17.30	-4.26	12.46	12.77	12.62
4 Txslots	14.72	14.99	14.77	16.10	-3.01	11.71	11.98	11.76
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (GMSK)	810	661	512			810	661	512
1 Txslot	20.69	21.21	20.53	22.10	-9.03	11.66	12.18	11.50
2 Txslots	17.55	17.48	17.31	19.10	-6.02	11.53	11.46	11.29
3Txslots	16.55	16.89	16.43	17.30	-4.26	12.29	12.63	12.17
4 Txslots	14.54	14.83	14.32	16.10	-3.01	11.53	11.82	11.31
GSM 1900	Measured Power (dBm)				calculation	Averaged Power (dBm)		
EGPRS (8PSK)	810	661	512			810	661	512
1 Txslot	21.01	20.86	20.84	22.10	-9.03	11.98	11.83	11.81
2 Txslots	17.61	17.70	17.43	19.10	-6.02	11.59	11.68	11.41
3Txslots	15.97	16.49	15.67	17.30	-4.26	11.71	12.23	11.41
4 Txslots	14.22	14.74	13.95	16.10	-3.01	11.21	11.73	10.94

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12.2 WCDMA Measurement result

Measured Pmax for all DSI

WCDMA1900 ANT1

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	23.52	23.71	23.64	24.50
HSUPA	1	20.75	20.88	20.97	22.70
	2	17.34	17.41	17.58	19.50
	3	18.48	18.68	18.52	20.50
	4	17.13	17.36	17.45	19.50
	5	20.55	20.70	20.72	22.70
HSPA+		20.06	20.06	20.07	22.00
DC-HSDPA	1	20.68	20.74	20.70	22.70
	2	20.62	20.77	20.75	22.70
	3	20.76	20.90	20.96	23.00
	4	20.73	20.91	20.91	23.00

WCDMA1900 ANT6

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	22.39	22.43	22.37	23.20
HSUPA	1	19.84	19.94	19.88	21.40
	2	16.66	16.77	16.77	18.20
	3	17.65	17.76	17.74	19.20
	4	16.64	16.76	16.70	18.20
	5	19.85	19.93	19.87	21.40
HSPA+		19.62	19.51	19.53	19.70
DC-HSDPA	1	19.8	19.91	19.93	21.40
	2	20	20.07	20.04	21.40
	3	20.1	20.15	20.16	21.70
	4	20.26	20.28	20.21	21.70

WCDMA1700 ANT1

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	23.62	23.60	23.69	24.50
HSUPA	1	21.71	21.50	21.57	23.50
	2	19.81	19.46	19.81	21.50
	3	20.84	20.82	20.71	22.50
	4	19.88	19.76	19.76	21.50

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	5	21.85	21.51	21.50	23.50
HSPA+		21.18	21.31	21.36	23.00
DC-HSDPA	1	21.81	21.80	21.76	23.50
	2	21.8	21.81	21.77	23.50
	3	21.23	21.25	21.22	23.00
	4	21.24	21.24	21.23	23.00

WCDMA1700 ANT6

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	22.50	22.55	22.64	23.40
HSUPA	1	21.36	21.15	21.13	22.40
	2	19.16	19.16	19.27	20.40
	3	20.26	20.24	20.26	21.40
	4	19.3	19.23	19.33	20.40
	5	21.18	21.22	21.24	22.40
HSPA+		20.78	20.83	20.79	21.50
DC-HSDPA	1	21.16	21.16	21.21	22.40
	2	21.29	21.24	21.29	22.40
	3	20.62	20.66	20.70	21.90
	4	20.61	20.68	20.71	21.90

WCDMA850 ANT0

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	24.47	24.57	24.52	25.50
HSUPA	1	23.1	23.13	22.88	24.00
	2	20.84	20.80	20.94	22.00
	3	21.84	21.80	20.95	23.00
	4	20.75	20.70	20.82	22.00
	5	22.88	22.78	22.86	24.00
HSPA+		22.4	22.48	22.40	23.00
DC-HSDPA	1	22.77	22.87	22.79	24.00
	2	22.76	22.86	22.80	24.00
	3	22.21	22.30	22.28	23.50
	4	22.2	22.28	22.26	23.50

WCDMA850 ANT2

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	24.33	24.51	24.44	25.40

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HSUPA	1	22.86	22.93	22.84	24.00
	2	20.88	20.95	22.86	22.00
	3	21.85	21.89	21.83	23.00
	4	20.83	21.00	20.98	22.00
	5	22.89	22.90	22.85	24.00
HSPA+		22.56	22.55	22.59	23.00
DC-HSDPA	1	22.98	23.00	22.91	24.00
	2	23.1	23.05	23.03	24.00
	3	22.35	22.38	22.43	23.50
	4	22.3	22.35	22.37	23.50

Measured Plimit for DSI1

WCDMA1900 ANT1

=Full power

WCDMA1900 ANT6

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	16.21	16.25	16.19	16.80
HSUPA	1	13.88	13.90	13.92	15.00
	2	10.63	10.41	10.68	11.80
	3	11.67	11.64	11.58	12.80
	4	10.69	10.64	10.70	11.80
	5	13.79	13.89	13.86	15.00
HSPA+		13.32	13.29	13.27	14.80
DC-HSDPA	1	13.82	13.87	13.86	15.00
	2	13.82	13.85	13.86	15.00
	3	14.13	14.17	14.16	15.30
	4	14.12	14.16	14.16	15.30

WCDMA1700 ANT1

=Full power

WCDMA1700 ANT6

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	19.26	19.35	19.35	19.90
HSUPA	1	17.9	17.95	18.04	18.90
	2	16.02	15.92	16.02	16.90
	3	16.96	16.93	16.95	17.90
	4	15.93	15.96	15.97	16.90
	5	17.91	17.96	18.04	18.90
HSPA+		17.43	17.42	17.44	18.00

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DC-HSDPA	1	17.9	17.95	17.95	18.90
	2	17.91	17.96	17.95	18.90
	3	17.38	17.44	17.47	18.40
	4	17.4	17.45	17.48	18.40

WCDMA850 ANT0

=Full power

WCDMA850 ANT2

=Full power

Measured Plimit for DSI3

WCDMA1900 ANT1

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	21.95	21.97	21.98	22.90
HSUPA	1	19.41	19.37	19.42	21.10
	2	16.16	16.13	16.24	17.90
	3	17.06	17.16	17.19	18.90
	4	16.11	16.23	16.27	17.90
	5	19.32	19.36	19.38	21.10
HSPA+		18.82	18.97	19.06	20.40
DC-HSDPA	1	19.29	19.36	19.41	21.10
	2	19.31	19.39	19.42	21.10
	3	19.58	19.69	19.72	21.40
	4	19.57	19.66	19.71	21.40

WCDMA1900 ANT6

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	19.41	19.33	19.21	20.20
HSUPA	1	17.25	17.26	17.28	18.40
	2	14.12	14.07	14.07	15.20
	3	15.08	15.07	15.13	16.20
	4	14.04	14.04	14.08	15.20
	5	17.27	17.28	17.27	18.40
HSPA+		16.73	16.79	16.82	18.20
DC-HSDPA	1	17.24	17.26	17.27	18.40
	2	17.24	17.25	17.26	18.40
	3	17.53	17.57	17.55	18.70
	4	17.52	17.56	17.53	18.70

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WCDMA1700 ANT1

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	22.48	22.42	22.50	23.20
HSUPA	1	20.74	20.72	20.65	22.20
	2	18.78	18.76	18.73	20.20
	3	19.81	19.74	19.68	21.20
	4	18.77	18.70	18.68	20.20
	5	20.7	20.71	20.68	22.20
HSPA+		20.35	20.40	20.23	21.20
DC-HSDPA	1	20.73	20.69	20.70	22.20
	2	20.71	20.73	20.72	22.20
	3	20.22	20.24	20.19	21.70
	4	20.2	20.23	20.20	21.70

WCDMA1700 ANT6

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	19.61	19.72	19.68	20.90
HSUPA	1	18.94	18.94	18.98	19.90
	2	16.96	16.96	17.01	17.90
	3	17.96	18.02	17.96	18.90
	4	16.93	16.98	17.09	17.90
	5	18.9	18.92	18.98	19.90
HSPA+		18.55	18.54	18.52	19.00
DC-HSDPA	1	18.9	18.95	18.99	19.90
	2	18.89	18.94	18.98	19.90
	3	18.4	18.43	18.48	19.40
	4	18.39	18.42	18.48	19.40

WCDMA850 ANT0

=Full Power

WCDMA850 ANT2

=Full Power

Measured Plimit for DSI9

WCDMA1900 ANT1

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	20.03	20.10	20.16	20.90

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HSUPA	1	17.33	17.44	17.04	19.10
	2	14.2	14.24	14.28	15.90
	3	15.21	15.18	15.32	16.90
	4	14.2	14.21	14.31	15.90
	5	17.34	17.40	17.46	19.10
HSPA+		16.85	16.98	17.04	18.40
DC-HSDPA	1	17.34	17.44	17.46	19.10
	2	17.38	17.45	17.46	19.10
	3	17.63	17.72	17.78	19.40
	4	17.66	17.73	17.77	19.40

WCDMA1900 ANT6

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	17.86	17.89	17.92	18.20
HSUPA	1	15.25	15.26	15.30	16.40
	2	12.02	11.96	12.04	13.20
	3	13	13.06	12.97	14.20
	4	12.01	12.01	12.10	13.20
	5	15.2	15.24	15.25	16.40
HSPA+		14.82	14.68	14.73	16.20
DC-HSDPA	1	15.23	15.24	15.25	16.40
	2	15.2	15.25	15.24	16.40
	3	15.5	15.54	15.56	16.70
	4	15.53	15.55	15.57	16.70

WCDMA1700 ANT1

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	20.56	20.55	20.53	21.20
HSUPA	1	18.83	18.80	18.79	20.20
	2	16.8	16.79	16.82	18.20
	3	17.86	17.79	17.86	19.20
	4	16.86	16.85	16.78	18.20
	5	18.84	18.81	18.80	20.20
HSPA+		18.35	18.29	18.31	19.20
DC-HSDPA	1	18.8	18.77	18.76	20.20
	2	18.77	18.76	18.77	20.20
	3	18.3	18.27	18.27	19.70
	4	18.29	18.25	18.26	19.70

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WCDMA1700 ANT6

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	18.86	18.78	18.65	18.90
HSUPA	1	16.86	16.90	16.99	17.90
	2	14.95	14.91	14.99	15.90
	3	15.91	15.88	15.98	16.90
	4	14.87	14.95	15.01	15.90
	5	16.85	16.96	16.97	17.90
HSPA+		16.36	16.46	16.47	17.00
DC-HSDPA	1	16.87	16.92	16.94	17.90
	2	16.88	16.93	16.94	17.90
	3	16.36	16.40	16.44	17.40
	4	16.37	16.41	16.45	17.40

WCDMA850 ANT0

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	22.81	22.91	22.78	23.50
HSUPA	1	21.18	21.12	21.16	22.00
	2	19.14	19.26	19.15	20.00
	3	20.09	20.24	20.14	21.00
	4	19.18	19.26	19.06	20.00
	5	21.14	21.21	21.17	22.00
HSPA+		20.66	20.79	20.75	21.00
DC-HSDPA	1	21.14	21.17	21.10	22.00
	2	21.15	21.16	21.13	22.00
	3	20.61	20.62	20.60	21.50
	4	20.59	20.60	20.58	21.50

WCDMA850 ANT2

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	22.88	22.96	22.77	23.40
HSUPA	1	21.18	21.21	21.16	22.00
	2	19.02	19.25	19.25	20.00
	3	20.22	20.26	20.18	21.00
	4	19.15	19.23	19.13	20.00
	5	21.22	21.25	21.19	22.00
HSPA+		20.81	20.74	20.72	21.00
DC-HSDPA	1	21.2	21.26	21.23	22.00

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	2	21.17	21.17	21.16	22.00
	3	20.68	20.67	20.64	21.50
	4	20.72	20.70	20.68	21.50

Measured Plimit for DSI13/DSI5

WCDMA1900 ANT1

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	19.51	19.55	19.62	20.50
HSUPA	1	16.97	16.94	17.01	18.70
	2	13.75	13.89	13.99	15.50
	3	17.08	17.08	17.13	16.50
	4	13.79	13.89	13.88	15.50
	5	17.01	16.99	17.06	18.70
HSPA+		16.49	16.29	16.56	18.00
DC-HSDPA	1	17.05	17.07	17.06	18.70
	2	16.99	17.07	17.05	18.70
	3	17.27	17.36	17.40	19.00
	4	17.28	17.35	17.39	19.00

WCDMA1900 ANT6

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	12.28	12.35	12.21	12.8
HSUPA	1	9.81	9.91	9.94	11.00
	2	6.73	6.71	6.78	7.80
	3	7.7	7.73	7.81	8.80
	4	6.71	6.78	6.80	7.80
	5	9.86	9.86	9.88	11.00
HSPA+		9.35	9.36	9.39	10.80
DC-HSDPA	1	9.84	9.88	9.88	11.00
	2	9.84	9.87	9.88	11.00
	3	10.14	10.16	10.18	11.30
	4	10.15	10.17	10.18	11.30

WCDMA1700 ANT1

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	19.75	19.77	19.77	20.50

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HSUPA	1	18.11	17.97	18.01	19.50
	2	16.04	16.05	16.06	17.50
	3	18.13	18.09	18.10	18.50
	4	16.1	16.14	16.11	17.50
	5	18.04	18.05	18.02	19.50
HSPA+		17.63	17.53	17.61	18.50
DC-HSDPA	1	18.05	18.10	18.09	19.50
	2	18.06	18.09	18.09	19.50
	3	17.58	17.60	17.59	19.00
	4	17.57	17.58	17.59	19.00

WCDMA1700 ANT6

Item	band	FDDIV result			
	ARFCN	1513 (1752.6MHz)	1412 (1732.4MHz)	1312 (1712.4MHz)	Tune up
WCDMA	\	15.38	15.39	15.49	15.9
HSUPA	1	13.94	13.97	13.99	14.90
	2	11.81	11.96	12.00	12.90
	3	13.02	12.93	13.07	13.90
	4	11.93	11.99	11.98	12.90
	5	13.96	13.98	14.00	14.90
HSPA+		13.31	13.39	13.40	14.00
DC-HSDPA	1	13.91	13.97	14.01	14.90
	2	13.9	13.97	14.00	14.90
	3	13.41	13.46	13.51	14.40
	4	13.39	13.44	13.50	14.40

WCDMA850 ANT0

Item	band	FDDV result			
	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	20.75	20.84	20.72	21.50
HSUPA	1	19.15	19.24	19.20	20.00
	2	17.19	17.25	17.18	18.00
	3	18.19	18.24	18.18	19.00
	4	17.12	17.28	17.20	18.00
	5	19.24	19.26	19.23	20.00
HSPA+		18.68	18.71	18.77	19.00
DC-HSDPA	1	19.16	19.19	19.16	20.00
	2	19.18	19.20	19.17	20.00
	3	18.65	18.68	18.65	19.50
	4	18.63	18.66	18.64	19.50

WCDMA850 ANT2

Item	band	FDDV result

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	ARFCN	4233 (846.6MHz)	4183 (836.6MHz)	4132 (826.4MHz)	Tune up
WCDMA	\	20.62	20.62	20.57	21.4
HSUPA	1	19.18	19.27	19.24	20.00
	2	17.21	17.26	17.25	18.00
	3	18.24	18.29	18.23	19.00
	4	17.19	17.32	17.26	18.00
	5	19.21	19.29	19.26	20.00
HSPA+		18.69	18.77	18.71	19.00
DC-HSDPA	1	19.17	19.23	19.20	20.00
	2	19.2	19.24	19.21	20.00
	3	18.72	18.73	18.74	19.50
	4	18.72	18.74	18.73	19.50

12.3 LTE Measurement result

The maximum output power(Tune-up Limit)=Target power+ Uncertainty

Mode/Band	ANT	Full power（dBm）	DSI1（dBm）	DSI3（dBm）	DSI5（dBm）	DSI9（dBm）	DSI13（dBm）	Uncertainty（dB）
		Pmax	Plimit					
		Target power						
FDD Band 2	ANT1	23.00	23.00	22.20	19.00	20.20	19.00	+1/-2
FDD Band 2	ANT6	21.70	15.80	19.20	11.80	17.20	11.80	+1/-2
FDD Band 4	ANT1	23.50	23.50	22.70	19.50	20.70	19.50	+1/-2
FDD Band 4	ANT6	22.70	19.70	20.70	15.70	18.70	15.70	+1/-2
FDD Band 5	ANT0	24.50	24.50	24.50	20.50	22.50	20.50	+1/-2
FDD Band 5	ANT2	24.40	24.40	24.40	20.40	22.40	20.40	+1/-2
FDD Band 7	ANT3	23.50	21.00	21.40	17.00	19.40	17.00	+1.2/-2
FDD Band 7	ANT9	21.60	21.60	21.60	17.60	19.60	17.60	+1.2/-2
FDD Band 7	ANT1	22.50	22.50	22.50	18.50	20.50	18.50	+1.2/-2
FDD Band 7	ANT6	21.00	16.70	17.90	12.70	15.90	12.70	+1.2/-2
FDD Band 12	ANT0	24.00	24.00	24.00	20.00	22.00	20.00	+1/-2
FDD Band 12	ANT2	24.10	24.10	24.10	20.10	22.10	20.10	+1/-2
FDD Band 17	ANT0	24.00	24.00	24.00	20.00	22.00	20.00	+1/-2
FDD Band 17	ANT2	24.10	24.10	24.10	20.10	22.10	20.10	+1/-2
FDD Band 26	ANT0	24.50	24.50	24.50	20.50	22.50	20.50	+1/-2
FDD Band 26	ANT2	24.40	24.40	24.40	20.40	22.40	20.40	+1/-2
FDD Band 66	ANT1	23.50	23.50	22.50	19.50	20.50	19.50	+1/-2
FDD Band 66	ANT6	22.70	19.40	20.70	15.40	18.70	15.40	+1/-2
TDD Band 38	ANT1	24.50	23.60	23.60	19.60	21.60	19.60	+1.2/-2
TDD Band 38	ANT6	23.50	18.30	19.40	14.30	17.40	14.30	+1.2/-2

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TDD Band 41	ANT1	**24.50**	**23.40**	**23.20**	**19.40**	**21.20**	**19.40**	**+1.2/-2**
TDD Band 41	ANT6	**23.50**	**18.20**	**19.40**	**14.20**	**17.40**	**14.20**	**+1.2/-2**

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification. UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS36.101.

Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 1, 2 and 3

Modulation	Channel bandwidth / Transmission bandwidth (N_{RB})						MPR (dB)
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 2
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 3
256 QAM	≥ 1						≤ 5

Measured Pmax for all DSI

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Band 2					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1909.3	22.30	21.20	20.86
		1880	22.47	21.96	21.07
		1850.7	22.43	22.19	21.04
	1RB-Middle (3)	1909.3	22.33	21.19	20.99
		1880	22.54	21.88	21.32
		1850.7	22.56	22.10	21.23
	1RB-Low (0)	1909.3	22.28	21.16	21.03
		1880	22.54	21.94	21.20
		1850.7	22.48	22.07	21.12
	3RB-High (3)	1909.3	22.24	21.03	20.81
		1880	22.45	21.66	20.96
		1850.7	22.44	21.84	20.98
	3RB-Middle (1)	1909.3	22.15	21.07	20.81
		1880	22.56	21.67	21.11
		1850.7	22.53	21.78	21.22
	3RB-Low (0)	1909.3	22.15	21.03	20.72
		1880	22.54	21.75	21.03
		1850.7	22.49	21.86	21.05
	6RB (0)	1909.3	21.17	20.17	19.63

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		1880	21.51	20.38	20.05
		1850.7	21.54	20.46	20.05
3MHz	1RB-High (14)	1908.5	22.69	21.04	20.94
		1880	22.68	21.98	21.21
		1851.5	22.56	21.61	21.09
	1RB-Middle (7)	1908.5	22.54	21.13	20.98
		1880	22.69	22.02	21.05
		1851.5	22.51	21.63	21.02
	1RB-Low (0)	1908.5	22.71	21.16	21.08
		1880	22.78	22.15	21.24
		1851.5	22.71	21.80	21.17
	8RB-High (7)	1908.5	21.62	20.30	19.76
		1880	21.72	20.64	19.99
		1851.5	21.64	20.59	20.11
	8RB-Middle (4)	1908.5	21.55	20.39	19.85
		1880	21.76	20.76	20.14
		1851.5	21.78	20.72	20.12
	8RB-Low (0)	1908.5	21.59	20.44	19.89
		1880	21.73	20.66	20.03
		1851.5	21.76	20.71	20.16
	15RB (0)	1908.5	21.54	20.32	19.79
		1880	21.68	20.65	19.69
		1851.5	21.72	20.62	20.04
5MHz	1RB-High (24)	1912.5	22.49	21.36	20.92
		1882.5	22.66	22.16	21.28
		1852.5	22.59	21.94	21.24
	1RB-Middle (12)	1912.5	22.48	21.34	20.82
		1882.5	22.67	22.18	21.07
		1852.5	22.60	21.90	21.20
	1RB-Low (0)	1912.5	22.42	21.44	21.03
		1882.5	22.69	22.18	21.26
		1852.5	22.63	21.96	21.39
	12RB-High (13)	1912.5	21.40	20.27	19.74
		1882.5	21.66	20.78	20.12
		1852.5	21.62	20.77	19.95
	12RB-Middle (6)	1912.5	21.47	20.37	19.83
		1882.5	21.66	20.77	20.11
		1852.5	21.73	20.87	20.10
	12RB-Low (0)	1912.5	21.48	20.38	19.76
		1882.5	21.72	20.78	19.97
		1852.5	21.73	20.84	20.09
	25RB (0)	1912.5	21.44	20.28	19.80
		1882.5	21.63	20.66	20.00
		1852.5	21.66	20.79	20.06
10MHz	1RB-High (49)	1910	22.79	21.25	21.02
		1882.5	22.67	22.12	21.40
		1855	22.64	21.60	21.16
	1RB-Middle	1910	22.63	21.31	20.94

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	(24)	1882.5	22.72	22.13	21.16
		1855	22.62	21.66	21.04
	1RB-Low (0)	1910	22.63	21.34	20.82
		1882.5	22.76	22.23	21.17
		1855	22.70	21.67	21.21
	25RB-High (25)	1910	21.64	20.42	19.85
		1882.5	21.79	20.77	20.08
		1855	21.72	20.74	20.09
	25RB-Middle (12)	1910	21.64	20.39	19.96
		1882.5	21.82	20.71	20.07
		1855	21.75	20.76	20.17
	25RB-Low (0)	1910	21.62	20.44	19.91
		1882.5	21.84	20.76	20.16
		1855	21.77	20.81	20.11
	50RB (0)	1910	21.55	20.39	19.85
		1882.5	21.77	20.66	20.15
		1855	21.76	20.70	20.06
15MHz	1RB-High (74)	1907.5	22.71	21.74	20.83
		1882.5	22.66	21.51	21.38
		1857.5	22.62	21.96	21.38
	1RB-Middle (37)	1907.5	22.72	21.70	20.83
		1882.5	22.63	21.54	21.07
		1857.5	22.57	21.94	21.14
	1RB-Low (0)	1907.5	22.69	21.74	21.03
		1882.5	22.63	21.60	21.21
		1857.5	22.64	22.00	21.34
	36RB-High (38)	1907.5	21.73	20.36	19.85
		1882.5	21.76	20.69	20.07
		1857.5	21.69	20.65	19.98
	36RB-Middle (19)	1907.5	21.56	20.34	19.73
		1882.5	21.71	20.67	20.01
		1857.5	21.69	20.73	20.03
	36RB-Low (0)	1907.5	21.56	20.36	19.76
		1882.5	21.70	20.67	19.92
		1857.5	21.65	20.65	19.99
	75RB (0)	1907.5	21.56	20.33	19.69
		1882.5	21.69	20.62	19.89
		1857.5	21.67	20.66	19.96
20MHz	1RB-High (99)	1905	22.27	21.66	20.91
		1882.5	22.47	21.90	21.17
		1860	22.43	21.88	21.47
	1RB-Middle (50)	1905	22.24	21.72	21.08
		1882.5	22.44	21.91	21.32
		1860	22.35	21.80	21.14
	1RB-Low (0)	1905	22.28	21.82	20.79
		1882.5	22.44	21.87	21.43
		1860	22.41	21.83	21.34
	50RB-High	1905	21.41	20.26	19.87

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	(50)	1882.5	21.58	20.57	20.07
		1860	21.54	20.51	20.05
	50RB-Middle (25)	1905	21.37	20.21	19.90
		1882.5	21.50	20.54	20.10
		1860	21.57	20.50	20.08
	50RB-Low (0)	1905	21.41	20.28	19.88
		1882.5	21.54	20.53	20.03
		1860	21.47	20.46	20.06
	100RB (0)	1905	21.35	20.25	19.85
		1882.5	21.55	20.52	20.02
		1860	21.58	20.58	20.03

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Band 2					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1909.3	21.34	20.34	19.18
		1880	21.66	20.93	19.63
		1850.7	21.61	21.06	19.79
	1RB-Middle (3)	1909.3	21.44	20.50	19.25
		1880	21.99	20.88	19.84
		1850.7	21.99	20.96	19.97
	1RB-Low (0)	1909.3	21.22	20.46	19.39
		1880	21.81	21.00	19.70
		1850.7	21.77	21.06	20.03
	3RB-High (3)	1909.3	21.15	20.25	19.22
		1880	21.65	20.66	19.61
		1850.7	21.77	20.78	19.81
	3RB-Middle (1)	1909.3	21.17	20.14	19.24
		1880	21.76	20.71	19.56
		1850.7	21.80	20.88	19.82
	3RB-Low (0)	1909.3	21.22	20.28	19.53
		1880	21.71	20.66	19.63
		1850.7	21.75	20.79	19.77
	6RB (0)	1909.3	20.26	19.36	18.09
		1880	20.78	19.66	18.51
		1850.7	20.83	19.86	18.71
3MHz	1RB-High (14)	1908.5	21.39	20.32	19.42
		1880	21.56	21.05	19.80

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		1851.5	21.71	21.04	19.88
	1RB-Middle (7)	1908.5	21.21	20.45	19.31
		1880	21.68	20.82	19.70
		1851.5	21.69	21.20	19.76
	1RB-Low (0)	1908.5	21.55	20.72	19.48
		1880	21.80	21.08	20.02
		1851.5	21.92	21.19	19.94
	8RB-High (7)	1908.5	20.33	19.34	18.18
		1880	20.73	19.75	18.76
		1851.5	20.82	19.83	18.74
	8RB-Middle (4)	1908.5	20.28	19.38	18.19
		1880	20.88	19.82	18.69
		1851.5	20.96	19.85	18.88
	8RB-Low (0)	1908.5	20.36	19.42	18.23
		1880	20.79	19.80	18.77
		1851.5	20.86	19.95	18.95
	15RB (0)	1908.5	20.37	19.33	18.23
		1880	20.73	19.68	18.65
		1851.5	20.85	19.96	18.75
5MHz	1RB-High (24)	1907.5	21.41	20.41	19.22
		1880	21.75	21.06	19.77
		1852.5	21.76	21.11	19.92
	1RB-Middle (12)	1907.5	21.35	20.81	19.31
		1880	21.64	20.89	19.74
		1852.5	21.70	21.30	19.87
	1RB-Low (0)	1907.5	21.47	20.64	19.32
		1880	21.88	21.06	19.77
		1852.5	21.98	21.19	20.00
	12RB-High (13)	1907.5	20.45	19.31	18.07
		1880	20.77	19.81	18.62
		1852.5	20.75	19.83	18.71
	12RB-Middle (6)	1907.5	20.36	19.45	18.17
		1880	20.78	19.70	18.60
		1852.5	20.91	19.94	18.71
	12RB-Low (0)	1907.5	20.42	19.41	18.23
		1880	20.85	19.85	18.51
		1852.5	20.94	20.02	18.84
	25RB (0)	1907.5	20.45	19.28	18.13
		1880	20.73	19.77	18.51
		1852.5	20.91	19.88	18.86
10MHz	1RB-High (49)	1905 (19150)	21.47	20.68	20.40
		1880	21.57	21.07	20.07
		1855	21.77	21.13	20.11
	1RB-Middle (24)	1905 (19150)	21.46	20.45	20.45
		1880	21.66	21.10	19.88
		1855	21.73	21.09	19.93
	1RB-Low (0)	1905 (19150)	21.51	20.54	20.37
		1880	21.84	21.17	20.05

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		1855	21.82	21.34	20.08
	25RB-High (25)	1905 (19150)	20.51	19.28	19.27
		1880	20.85	19.84	18.86
		1855	20.87	20.00	18.95
	25RB-Middle (12)	1905 (19150)	20.60	19.37	19.49
		1880	20.73	19.82	18.75
		1855	20.88	19.95	19.06
	25RB-Low (0)	1905 (19150)	20.47	19.36	19.37
		1880	20.76	19.83	18.86
		1855	20.86	20.00	19.11
	50RB (0)	1905 (19150)	20.36	19.29	19.32
		1880	20.77	19.75	18.88
		1855	20.88	19.96	18.86
15MHz	1RB-High (74)	1902.5	21.43	20.47	19.54
		1880	21.49	20.78	19.60
		1857.5	21.67	20.99	19.92
	1RB-Middle (37)	1902.5	21.22	20.37	19.60
		1880	21.64	20.89	19.73
		1857.5	21.57	21.05	19.80
	1RB-Low (0)	1902.5	21.27	20.47	19.62
		1880	21.64	20.86	19.92
		1857.5	21.71	21.18	19.91
	36RB-High (38)	1902.5	20.38	19.27	18.38
		1880	20.71	19.72	18.54
		1857.5	20.76	19.83	18.80
	36RB-Middle (19)	1902.5	20.36	19.36	18.38
		1880	20.66	19.60	18.62
		1857.5	20.85	19.77	18.74
	36RB-Low (0)	1902.5	20.36	19.21	18.37
		1880	20.66	19.65	18.67
		1857.5	20.89	19.86	18.86
	75RB (0)	1902.5	20.40	19.19	18.29
		1880	20.71	19.69	18.48
		1857.5	20.89	19.84	18.68
20MHz	1RB-High (99)	1900 (19100)	21.80	20.82	19.85
		1880	22.00	21.27	20.37
		1860	21.91	21.25	20.32
	1RB-Middle (50)	1900 (19100)	21.81	20.98	19.84
		1880	21.98	21.30	20.19
		1860	21.93	21.26	20.14
	1RB-Low (0)	1900 (19100)	21.77	20.99	19.67
		1880	21.97	21.21	20.33
		1860	22.00	21.29	20.35
	50RB-High (50)	1900 (19100)	20.94	19.75	18.70
		1880	21.07	20.06	19.05
		1860	21.10	20.07	19.04
	50RB-Middle (25)	1900 (19100)	20.86	19.66	18.68
		1880	21.09	20.01	19.06

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		1860	21.14	20.08	19.09
	50RB-Low (0)	1900 (19100)	20.89	19.64	18.73
		1880	21.05	20.02	19.11
		1860	21.07	20.00	19.12
	100RB (0)	1900 (19100)	20.82	19.85	18.71
		1880	21.07	20.07	18.93
		1860	21.16	20.08	19.03

LTE B4 ANT1

Band 4					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1754.3	23.16	22.09	21.79
		1732.5	23.01	22.23	21.56
		1710.7	23.14	22.76	21.63
	1RB-Middle (3)	1754.3	23.25	22.23	21.80
		1732.5	23.09	22.32	21.58
		1710.7	23.20	22.69	21.61
	1RB-Low (0)	1754.3	23.08	22.04	21.58
		1732.5	23.03	22.27	21.61
		1710.7	23.09	22.64	21.51
	3RB-High (3)	1754.3	23.10	22.30	21.49
		1732.5	23.03	22.12	21.45
		1710.7	23.09	22.39	21.45
	3RB-Middle (1)	1754.3	23.17	22.34	21.39
		1732.5	23.09	22.16	21.59
		1710.7	23.15	22.38	21.44
	3RB-Low (0)	1754.3	23.09	22.28	21.46
		1732.5	23.05	22.20	21.44
		1710.7	23.10	22.35	21.51
	6RB (0)	1754.3	22.15	21.28	20.43
		1732.5	22.12	21.29	20.36
		1710.7	22.21	21.11	20.50
3MHz	1RB-High (14)	1753.5	23.45	22.21	21.73
		1732.5	23.32	22.68	21.59
		1711.5	23.30	22.38	21.67
	1RB-Middle (7)	1753.5	23.31	22.15	21.51
		1732.5	23.21	22.54	21.55
		1711.5	23.23	22.41	21.37
	1RB-Low (0)	1753.5	23.40	22.20	21.68
		1732.5	23.28	22.67	21.63
		1711.5	23.30	22.44	21.58
	8RB-High (7)	1753.5	22.46	21.37	20.51
		1732.5	22.38	21.34	20.49

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		1711.5	22.37	21.34	20.51
	8RB-Middle (4)	1753.5	22.49	21.43	20.42
		1732.5	22.35	21.37	20.39
		1711.5	22.45	21.41	20.57
	8RB-Low (0)	1753.5	22.43	21.42	20.54
		1732.5	22.36	21.33	20.54
		1711.5	22.33	21.34	20.48
	15RB (0)	1753.5	22.45	21.35	20.43
		1732.5	22.36	21.34	20.42
		1711.5	22.37	21.31	20.52
5MHz	1RB-High (24)	1752.5	23.37	22.43	21.76
		1732.5	23.19	22.43	21.70
		1712.5	23.31	22.84	21.79
	1RB-Middle (12)	1752.5	23.39	22.29	21.65
		1732.5	23.12	22.41	21.53
		1712.5	23.30	22.87	21.47
	1RB-Low (0)	1752.5	23.33	22.41	21.66
		1732.5	23.23	22.41	21.63
		1712.5	23.34	22.89	21.69
	12RB-High (13)	1752.5	22.42	21.33	20.52
		1732.5	22.30	21.36	20.52
		1712.5	22.38	21.46	20.50
	12RB-Middle (6)	1752.5	22.40	21.34	20.64
		1732.5	22.39	21.42	20.51
		1712.5	22.39	21.51	20.52
	12RB-Low (0)	1752.5	22.36	21.35	20.56
		1732.5	22.24	21.32	20.50
		1712.5	22.37	21.46	20.38
	25RB (0)	1752.5	22.32	21.23	20.51
		1732.5	22.34	21.32	20.50
		1712.5	22.36	21.42	20.52
10MHz	1RB-High (49)	1750	23.41	22.14	21.76
		1732.5	23.24	22.69	21.51
		1715	23.37	22.37	21.70
	1RB-Middle (24)	1750	23.41	22.20	21.60
		1732.5	23.26	22.68	21.66
		1715	23.35	22.41	21.48
	1RB-Low (0)	1750	23.40	22.20	21.77
		1732.5	23.28	22.77	21.54
		1715	23.39	22.37	21.97
	25RB-High (25)	1750	22.51	21.35	20.62
		1732.5	22.44	21.45	20.59
		1715	22.42	21.48	20.59
	25RB-Middle (12)	1750	22.49	21.32	20.61
		1732.5	22.45	21.45	20.57
		1715	22.44	21.49	20.50
	25RB-Low (0)	1750	22.44	21.31	20.55
		1732.5	22.39	21.34	20.56

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		1715	22.47	21.49	20.64
	50RB (0)	1750	22.38	21.29	20.60
		1732.5	22.45	21.41	20.39
		1715	22.46	21.46	20.56
15MHz	1RB-High (74)	1747.5	23.09	22.70	21.60
		1732.5	23.06	22.13	21.78
		1717.5	23.01	22.40	21.82
	1RB-Middle (37)	1747.5	23.06	22.66	21.62
		1732.5	23.05	22.15	21.51
		1717.5	23.08	22.37	21.28
	1RB-Low (0)	1747.5	23.10	22.70	21.80
		1732.5	23.10	22.13	21.28
		1717.5	23.09	22.41	21.77
	36RB-High (38)	1747.5	22.20	21.21	20.38
		1732.5	22.11	21.16	20.44
		1717.5	22.15	21.54	20.42
	36RB-Middle (19)	1747.5	22.13	21.13	20.44
		1732.5	22.13	21.23	20.38
		1717.5	22.17	21.50	20.47
	36RB-Low (0)	1747.5	22.13	21.17	20.38
		1732.5	22.08	21.12	20.34
		1717.5	22.21	21.50	20.47
	75RB (0)	1747.5	22.12	21.14	20.33
		1732.5	22.14	21.19	20.40
		1717.5	22.16	21.46	20.41
20MHz	1RB-High (99)	1745	23.14	22.63	21.38
		1732.5	23.15	22.57	21.49
		1720	23.17	22.51	21.50
	1RB-Middle (50)	1745	23.10	22.61	21.67
		1732.5	23.07	22.58	21.53
		1720	23.14	22.47	21.71
	1RB-Low (0)	1745	23.15	22.74	21.65
		1732.5	23.09	22.59	21.83
		1720	23.15	22.56	21.64
	50RB-High (50)	1745	22.25	21.19	20.35
		1732.5	22.19	21.21	20.41
		1720	22.26	21.11	20.31
	50RB-Middle (25)	1745	22.29	21.28	20.53
		1732.5	22.25	21.26	20.38
		1720	22.31	21.18	20.51
	50RB-Low (0)	1745	22.22	21.20	20.39
		1732.5	22.18	21.16	20.37
		1720	22.30	21.17	20.38
	100RB (0)	1745	22.16	21.16	20.25
		1732.5	22.25	21.24	20.30
		1720	22.29	21.14	20.39

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Band 4					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1754.3	22.50	21.67	20.42
		1732.5	22.39	21.60	20.65
		1710.7	22.50	21.85	20.63
	1RB-Middle (3)	1754.3	22.54	21.70	20.65
		1732.5	22.55	21.74	20.93
		1710.7	22.83	21.88	20.78
	1RB-Low (0)	1754.3	22.42	21.58	20.64
		1732.5	22.38	21.59	20.67
		1710.7	22.62	21.86	20.75
	3RB-High (3)	1754.3	22.51	21.44	20.42
		1732.5	22.49	21.44	20.58
		1710.7	22.50	21.55	20.72
	3RB-Middle (1)	1754.3	22.52	21.48	20.59
		1732.5	22.46	21.55	20.64
		1710.7	22.56	21.73	20.66
	3RB-Low (0)	1754.3	22.41	21.43	20.28
		1732.5	22.47	21.62	20.69
		1710.7	22.58	21.69	20.55
	6RB (0)	1754.3	21.58	20.51	19.89
		1732.5	21.57	20.58	19.50
		1710.7	21.66	20.71	19.59
3MHz	1RB-High (14)	1753.5	22.62	21.66	20.68
		1732.5	22.52	21.88	20.70
		1711.5	22.56	21.99	20.75
	1RB-Middle (7)	1753.5	22.51	21.76	20.67
		1732.5	22.55	22.34	20.49
		1711.5	22.55	22.27	20.72
	1RB-Low (0)	1753.5	22.54	21.78	20.58
		1732.5	22.60	21.95	20.59
		1711.5	22.56	21.88	20.74
	8RB-High (7)	1753.5	21.59	20.58	19.56
		1732.5	21.61	20.78	19.60
		1711.5	21.71	20.71	19.60
	8RB-Middle (4)	1753.5	21.56	20.66	19.62
		1732.5	21.60	20.76	19.53
		1711.5	21.66	20.78	19.68
	8RB-Low (0)	1753.5	21.60	20.61	19.56
		1732.5	21.66	20.74	19.42
		1711.5	21.74	20.79	19.60

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	15RB (0)	1753.5	21.62	20.58	19.50
		1732.5	21.70	20.62	19.62
		1711.5	21.74	20.70	19.65
5MHz	1RB-High (24)	1752.5	22.53	21.73	20.65
		1732.5	22.53	21.90	20.65
		1712.5	22.61	22.02	20.79
	1RB-Middle (12)	1752.5	22.41	21.95	20.63
		1732.5	22.54	21.85	20.56
		1712.5	22.48	22.12	20.54
	1RB-Low (0)	1752.5	22.57	21.78	20.66
		1732.5	22.62	21.87	20.51
		1712.5	22.64	21.92	20.74
	12RB-High (13)	1752.5	21.53	20.58	19.47
		1732.5	21.59	20.72	19.56
		1712.5	21.65	20.58	19.62
	12RB-Middle (6)	1752.5	21.63	20.65	19.42
		1732.5	21.68	20.69	19.60
		1712.5	21.78	20.75	19.62
	12RB-Low (0)	1752.5	21.59	20.66	19.49
		1732.5	21.56	20.67	19.50
		1712.5	21.76	20.63	19.62
	25RB (0)	1752.5	21.63	20.60	19.49
		1732.5	21.62	20.65	19.60
		1712.5	21.70	20.77	19.60
10MHz	1RB-High (49)	1750	22.39	21.85	20.54
		1732.5	22.41	21.88	20.60
		1715	22.54	21.82	20.82
	1RB-Middle (24)	1750	22.32	21.73	20.63
		1732.5	22.46	21.78	20.49
		1715	22.54	21.80	20.52
	1RB-Low (0)	1750	22.55	21.89	20.44
		1732.5	22.42	21.98	20.63
		1715	22.56	21.97	20.67
	25RB-High (25)	1750	21.58	20.56	19.43
		1732.5	21.58	20.64	19.59
		1715	21.67	20.79	19.57
	25RB-Middle (12)	1750	21.51	20.52	19.47
		1732.5	21.63	20.70	19.49
		1715	21.67	20.71	19.57
	25RB-Low (0)	1750	21.48	20.54	19.48
		1732.5	21.61	20.58	19.48
		1715	21.67	20.78	19.57
	50RB (0)	1750	21.54	20.54	19.48
		1732.5	21.63	20.73	19.56
		1715	21.70	20.76	19.64
15MHz	1RB-High (74)	1747.5	22.27	21.70	20.45
		1732.5	22.28	21.61	20.73
		1717.5	22.26	21.84	20.43

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	1RB-Middle (37)	1747.5	22.30	21.50	20.18
		1732.5	22.29	21.73	20.56
		1717.5	22.42	21.63	20.53
	1RB-Low (0)	1747.5	22.45	21.66	20.60
		1732.5	22.39	21.84	20.68
		1717.5	22.43	21.72	20.84
	36RB-High (38)	1747.5	21.41	20.39	19.37
		1732.5	21.51	20.49	19.55
		1717.5	21.53	20.52	19.50
	36RB-Middle (19)	1747.5	21.40	20.33	19.39
		1732.5	21.53	20.53	19.60
		1717.5	21.61	20.62	19.60
	36RB-Low (0)	1747.5	21.43	20.36	19.42
		1732.5	21.42	20.43	19.51
		1717.5	21.53	20.47	19.57
	75RB (0)	1747.5	21.40	20.41	19.31
		1732.5	21.52	20.42	19.49
		1717.5	21.51	20.50	19.58
20MHz	1RB-High (99)	1745	22.50	21.68	20.58
		1732.5	22.44	21.89	20.69
		1720	22.52	21.89	20.80
	1RB-Middle (50)	1745	22.51	21.75	20.79
		1732.5	22.42	21.87	20.71
		1720	22.53	21.88	20.74
	1RB-Low (0)	1745	22.61	21.86	20.88
		1732.5	22.60	21.89	20.69
		1720	22.59	21.79	20.78
	50RB-High (50)	1745	21.56	20.57	19.72
		1732.5	21.64	20.61	19.64
		1720	21.60	20.62	19.65
	50RB-Middle (25)	1745	21.74	20.71	19.73
		1732.5	21.66	20.67	19.68
		1720	21.62	20.65	19.75
	50RB-Low (0)	1745	21.66	20.61	19.67
		1732.5	21.59	20.59	19.70
		1720	21.73	20.71	19.76
	100RB (0)	1745	21.55	20.45	19.56
		1732.5	21.62	20.60	19.65
		1720	21.71	20.65	19.66

LTE B5 ANT0

Band 5

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Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	848.3	24.21	23.66	22.63
		836.5	24.44	23.69	22.74
		824.7	24.35	23.79	22.82
	1RB-Middle (3)	848.3	24.34	23.48	22.60
		836.5	24.43	23.79	22.74
		824.7	24.44	23.85	22.85
	1RB-Low (0)	848.3	24.31	23.63	22.68
		836.5	24.43	23.59	22.86
		824.7	24.36	23.71	23.00
	3RB-High (3)	848.3	24.28	23.46	22.51
		836.5	24.36	23.55	22.65
		824.7	24.33	23.48	22.71
	3RB-Middle (1)	848.3	24.36	23.43	22.57
		836.5	24.46	23.19	22.63
		824.7	24.42	23.33	22.70
	3RB-Low (0)	848.3	24.36	23.46	22.62
		836.5	24.35	23.54	22.64
		824.7	24.38	23.73	22.68
	6RB (0)	848.3	23.41	22.41	21.49
		836.5	23.36	22.37	21.56
		824.7	23.50	22.53	21.71
3MHz	1RB-High	847.5	24.44	23.69	22.87
		836.5	24.50	23.80	22.92
		825.5	24.47	23.78	22.85
	1RB-Middle (7)	847.5	24.40	23.75	22.81
		836.5	24.41	23.83	22.65
		825.5	24.37	24.07	22.92
	1RB-Low (0)	847.5	24.48	23.89	22.82
		836.5	24.49	23.83	22.89
		825.5	24.55	23.85	22.93
	8RB-High (7)	847.5	23.56	22.52	21.63
		836.5	23.56	22.56	21.74
		825.5	23.52	22.62	21.81
	8RB-Middle (4)	847.5	23.46	22.60	21.56
		836.5	23.45	22.47	21.72
		825.5	23.62	22.64	21.69
	8RB-Low (0)	847.5	23.57	22.60	21.58
		836.5	23.52	22.51	21.62
		825.5	23.59	22.65	21.57
	15RB (0)	847.5	23.52	22.54	21.61
		836.5	23.49	22.47	21.59
		825.5	23.61	22.57	21.68
5MHz	1RB-High	846.5	24.44	23.77	22.69
		836.5	24.46	23.85	22.76

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		826.5	24.50	23.87	22.86
	1RB-Middle (12)	846.5	24.39	23.58	22.53
		836.5	24.46	23.84	22.54
		826.5	24.40	23.69	22.81
	1RB-Low (0)	846.5	24.46	23.80	22.78
		836.5	24.57	23.76	22.83
		826.5	24.57	23.86	22.88
	12RB-High (13)	846.5	23.53	22.56	21.79
		836.5	23.55	22.58	21.64
		826.5	23.51	22.62	21.75
	12RB-Middle (6)	846.5	23.44	22.56	21.58
		836.5	23.52	22.56	21.70
		826.5	23.59	22.64	21.67
	12RB-Low (0)	846.5	23.51	22.55	21.67
		836.5	23.48	22.52	21.70
		826.5	23.59	22.66	21.76
	25RB (0)	846.5	23.43	22.48	21.60
		836.5	23.51	22.57	21.60
		826.5	23.59	22.56	21.69
10MHz	1RB-High	844 (20600)	24.41	23.76	22.87
		836.5	24.43	23.86	22.89
		829 (20450)	24.45	23.88	22.76
	1RB-Middle (24)	844 (20600)	24.47	23.82	22.87
		836.5	24.41	23.81	22.80
		829 (20450)	24.44	23.78	22.73
	1RB-Low (0)	844 (20600)	24.44	23.91	22.73
		836.5	24.56	23.85	22.79
		829 (20450)	24.45	23.92	22.70
	25RB-High (25)	844 (20600)	23.61	22.60	21.76
		836.5	23.58	22.53	21.63
		829 (20450)	23.58	22.51	21.65
	25RB-Middle (12)	844 (20600)	23.60	22.53	21.67
		836.5	23.52	22.55	21.69
		829 (20450)	23.64	22.73	21.72
	25RB-Low (0)	844 (20600)	23.50	22.52	21.76
		836.5	23.55	22.65	21.79
		829 (20450)	23.50	22.63	21.67
	50RB (0)	844 (20600)	23.55	22.51	21.61
		836.5	23.56	22.61	21.72
		829 (20450)	23.58	22.62	21.77

LTE B5 ANT2

Band 5					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
		848.3	24.29	23.66	22.84

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		836.5	24.31	23.65	22.72
		824.7	24.36	23.67	22.66
	1RB-Middle (3)	848.3	24.23	23.60	22.86
		836.5	24.56	23.76	22.78
		824.7	24.56	23.69	22.85
	1RB-Low (0)	848.3	24.29	23.57	22.87
		836.5	24.35	23.66	22.76
		824.7	24.39	23.70	22.89
	3RB-High (3)	848.3	24.32	23.40	22.53
		836.5	24.41	23.48	22.61
		824.7	24.44	23.53	22.64
	3RB-Middle (1)	848.3	24.35	23.17	22.89
		836.5	24.47	23.50	22.71
		824.7	24.43	23.60	22.67
	3RB-Low (0)	848.3	24.26	23.56	22.61
		836.5	24.35	23.53	22.65
		824.7	24.39	23.45	22.69
	6RB (0)	848.3	23.47	21.68	21.58
		836.5	23.33	22.34	21.62
		824.7	23.49	22.63	21.62
3MHz	1RB-High	847.5	24.43	23.80	22.74
		836.5	24.49	23.72	22.89
		825.5	24.50	23.91	22.84
	1RB-Middle (7)	847.5	24.34	23.88	22.88
		836.5	24.36	23.89	22.83
		825.5	24.41	24.08	22.79
	1RB-Low (0)	847.5	24.45	23.74	22.70
		836.5	24.50	23.87	22.83
		825.5	24.55	23.90	22.88
	8RB-High (7)	847.5	23.50	22.64	21.77
		836.5	23.56	22.56	21.81
		825.5	23.57	22.64	21.78
	8RB-Middle (4)	847.5	23.50	22.57	21.68
		836.5	23.54	22.61	21.59
		825.5	23.60	22.69	21.81
	8RB-Low (0)	847.5	23.49	22.55	21.77
		836.5	23.47	22.55	21.73
		825.5	23.56	22.56	21.77
	15RB (0)	847.5	23.46	22.49	21.62
		836.5	23.43	22.60	21.64
		825.5	23.55	22.66	21.68
5MHz	1RB-High	846.5	24.44	23.81	22.92
		836.5	24.46	23.84	22.86
		826.5	24.52	23.96	22.97
	1RB-Middle (12)	846.5	24.47	23.74	22.65
		836.5	24.46	23.86	22.78
		826.5	24.40	23.82	22.69
	1RB-Low (0)	846.5	24.35	23.78	22.85

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		836.5	24.50	23.77	22.46
		826.5	24.54	23.98	22.73
	12RB-High (13)	846.5	23.45	22.58	21.62
		836.5	23.62	22.58	21.87
		826.5	23.50	22.58	21.56
	12RB-Middle (6)	846.5	23.45	22.46	21.68
		836.5	23.48	22.52	21.64
		826.5	23.62	22.60	21.91
	12RB-Low (0)	846.5	23.49	22.57	21.81
		836.5	23.43	22.57	21.68
		826.5	23.53	22.60	21.73
	25RB (0)	846.5	23.43	22.52	21.69
		836.5	23.49	22.60	21.72
		826.5	23.62	22.59	21.69
10MHz	1RB-High	844 (20600)	24.41	23.78	21.87
		836.5	24.49	23.77	21.85
		829 (20450)	24.43	23.85	21.79
	1RB-Middle (24)	844 (20600)	24.38	23.63	21.71
		836.5	24.44	23.82	21.81
		829 (20450)	24.39	23.63	21.88
	1RB-Low (0)	844 (20600)	24.52	23.92	21.90
		836.5	24.57	23.90	21.68
		829 (20450)	24.52	23.87	21.83
	25RB-High (25)	844 (20600)	23.51	22.47	20.75
		836.5	23.53	22.55	20.84
		829 (20450)	23.60	22.64	20.83
	25RB-Middle (12)	844 (20600)	23.56	22.55	20.73
		836.5	23.56	22.58	20.76
		829 (20450)	23.59	22.64	20.83
	25RB-Low (0)	844 (20600)	23.47	22.61	20.69
		836.5	23.54	22.58	20.76
		829 (20450)	23.52	22.57	20.78
	50RB (0)	844 (20600)	23.52	22.56	20.75
		836.5	23.55	22.59	20.68
		829 (20450)	23.66	22.61	20.71

LTE B7 ANT3

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	24.10	23.41	22.42
		2535	24.13	23.55	22.49
		2502.5	23.90	23.35	22.17
	1RB-Middle (12)	2567.5	23.98	23.53	22.17
		2535	24.04	23.51	22.05
		2502.5	23.90	23.40	21.97

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	1RB-Low (0)	2567.5	24.09	23.39	22.29
		2535	24.21	23.38	22.37
		2502.5	24.04	23.19	22.22
	12RB-High (13)	2567.5	23.16	22.21	21.12
		2535	23.29	22.07	21.29
		2502.5	22.99	22.05	21.10
	12RB-Middle (6)	2567.5	23.10	22.16	21.09
		2535	23.20	22.17	21.26
		2502.5	23.01	22.03	21.09
	12RB-Low (0)	2567.5	23.09	22.18	21.09
		2535	23.12	22.12	21.01
		2502.5	22.96	21.82	21.03
	25RB (0)	2567.5	23.11	22.11	21.16
		2535	23.10	22.20	21.15
		2502.5	23.04	22.13	21.00
10MHz	1RB-High (49)	2565	24.33	23.38	22.39
		2535	24.14	23.50	22.60
		2505	23.95	23.40	22.18
	1RB-Middle (24)	2565	23.83	23.48	22.42
		2535	24.26	23.31	22.23
		2505	23.96	23.05	22.27
	1RB-Low (0)	2565	24.08	23.37	22.31
		2535	24.07	23.46	22.24
		2505	23.86	23.31	22.12
	25RB-High (25)	2565	23.16	22.22	21.14
		2535	23.21	22.31	21.23
		2505	23.06	22.12	21.10
	25RB-Middle (12)	2565	23.21	22.18	21.16
		2535	23.25	22.22	21.19
		2505	22.99	22.08	21.10
	25RB-Low (0)	2565	23.13	22.22	21.09
		2535	23.21	22.22	21.21
		2505	23.00	22.04	21.09
	50RB (0)	2565	23.13	22.19	21.21
		2535	23.11	22.17	21.12
		2505	23.01	22.03	21.10
15MHz	1RB-High (74)	2562.5	23.88	23.16	21.81
		2535	23.89	23.33	22.14
		2507.5	23.77	22.99	22.20
	1RB-Middle (37)	2562.5	23.85	23.25	22.00
		2535	23.85	23.25	22.04
		2507.5	23.65	22.99	21.68
	1RB-Low (0)	2562.5	23.94	23.36	22.06
		2535	23.87	23.10	22.09
		2507.5	23.67	23.04	21.90
	36RB-High (38)	2562.5	23.05	22.07	21.05
		2535	23.16	22.11	21.14
		2507.5	22.97	21.87	21.04

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	36RB-Middle (19)	2562.5	23.04	22.09	21.10
		2535	23.02	21.99	21.09
		2507.5	22.92	21.93	20.95
	36RB-Low (0)	2562.5	23.12	22.05	19.98
		2535	22.94	22.06	20.97
		2507.5	22.80	21.81	20.97
	75RB (0)	2562.5	23.07	22.16	21.19
		2535	23.12	22.09	21.03
		2507.5	22.84	21.95	20.89
20MHz	1RB-High (99)	2560	23.82	22.88	22.03
		2535	23.94	23.13	22.03
		2510	23.76	22.73	22.03
	1RB-Middle (50)	2560	23.89	23.09	22.19
		2535	23.83	23.01	22.12
		2510	23.64	22.82	21.86
	1RB-Low (0)	2560	23.88	23.16	21.91
		2535	23.80	22.90	22.05
		2510	23.67	22.86	21.82
	50RB-High (50)	2560	22.95	22.00	21.03
		2535	23.10	22.06	21.08
		2510	22.90	21.97	20.96
	50RB-Middle (25)	2560	22.99	21.99	21.03
		2535	23.03	22.00	21.01
		2510	22.86	21.92	20.92
	50RB-Low (0)	2560	23.04	21.96	21.05
		2535	23.03	22.06	21.08
		2510	22.89	21.89	20.81
	100RB (0)	2560	22.98	22.05	21.08
		2535	23.01	22.06	21.13
		2510	22.97	21.96	20.93

LTE B7 ANT9

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	21.81	21.31	19.96
		2535	22.08	21.48	20.48
		2502.5	21.72	21.15	20.03
	1RB-Middle (12)	2567.5	21.78	21.00	19.87
		2535	22.00	21.39	20.21
		2502.5	21.72	21.18	19.81
	1RB-Low (0)	2567.5	21.98	21.19	20.15
		2535	22.03	21.33	20.19
		2502.5	21.78	21.03	19.92

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	12RB-High (13)	2567.5	20.97	19.99	18.89
		2535	21.11	20.23	19.16
		2502.5	20.86	19.86	18.94
	12RB-Middle (6)	2567.5	21.04	20.00	19.09
		2535	21.00	20.15	18.99
		2502.5	20.78	19.89	18.88
	12RB-Low (0)	2567.5	20.95	19.74	18.90
		2535	20.99	20.09	19.00
		2502.5	20.74	19.75	18.76
	25RB (0)	2567.5	20.84	20.04	18.99
		2535	21.02	20.07	19.07
		2502.5	20.73	19.83	18.92
10MHz	1RB-High (49)	2565	21.87	21.27	20.46
		2535	21.92	21.44	20.39
		2505	21.79	21.03	19.94
	1RB-Middle (24)	2565	21.88	21.07	20.01
		2535	21.92	21.29	20.25
		2505	21.78	21.08	19.76
	1RB-Low (0)	2565	21.84	21.31	20.29
		2535	22.14	21.29	20.18
		2505	21.70	21.02	20.13
	25RB-High (25)	2565	21.03	20.03	19.03
		2535	21.08	20.09	19.16
		2505	20.77	19.82	18.94
	25RB-Middle (12)	2565	20.94	20.01	19.04
		2535	21.06	20.09	19.13
		2505	20.84	19.81	18.85
	25RB-Low (0)	2565	20.93	19.91	18.96
		2535	20.98	20.12	19.13
		2505	20.74	19.79	18.87
	50RB (0)	2565	21.02	19.95	19.08
		2535	20.98	20.12	19.13
		2505	20.82	19.82	18.95
15MHz	1RB-High (74)	2562.5	21.66	21.05	19.82
		2535	21.75	21.20	20.17
		2507.5	21.51	20.98	20.12
	1RB-Middle (37)	2562.5	21.66	20.97	19.73
		2535	21.71	21.02	19.85
		2507.5	21.49	20.82	19.70
	1RB-Low (0)	2562.5	21.71	21.01	20.34
		2535	21.78	21.11	20.33
		2507.5	21.45	20.73	19.93
	36RB-High (38)	2562.5	20.82	19.81	18.92
		2535	20.98	19.92	19.07
		2507.5	20.80	19.69	18.90
	36RB-Middle (19)	2562.5	20.84	19.80	18.99
		2535	20.87	19.93	19.02
		2507.5	20.68	19.67	18.85

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	36RB-Low (0)	2562.5	20.76	19.73	18.92
		2535	20.87	19.92	19.00
		2507.5	20.54	19.63	18.59
	75RB (0)	2562.5	20.89	19.84	18.86
		2535	20.83	19.96	18.87
		2507.5	20.74	19.72	18.71
20MHz	1RB-High (99)	2560	21.82	20.91	20.33
		2535	21.80	21.03	20.31
		2510	21.62	20.90	20.10
	1RB-Middle (50)	2560	21.78	20.92	20.50
		2535	21.75	21.07	20.20
		2510	21.47	20.84	19.90
	1RB-Low (0)	2560	21.83	21.11	20.48
		2535	21.79	20.91	19.89
		2510	21.47	20.70	19.97
	50RB-High (50)	2560	20.84	19.85	19.10
		2535	20.90	19.95	19.09
		2510	20.78	19.87	18.91
	50RB-Middle (25)	2560	20.78	19.84	19.15
		2535	20.93	19.90	19.07
		2510	20.78	19.70	18.86
	50RB-Low (0)	2560	20.88	19.76	19.10
		2535	20.90	19.93	19.03
		2510	20.69	19.63	18.71
	100RB (0)	2560	20.75	19.92	19.07
		2535	20.97	19.88	19.00
		2510	20.74	19.79	18.98

LTE B7 ANT1

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	22.47	21.72	20.87
		2535	22.42	21.67	20.72
		2502.5	21.93	21.09	20.07
	1RB-Middle (12)	2567.5	22.50	21.69	20.30
		2535	22.29	21.57	20.34
		2502.5	21.88	21.25	20.03
	1RB-Low (0)	2567.5	22.51	21.69	20.59
		2535	22.35	21.48	20.45
		2502.5	21.97	21.12	20.03
	12RB-High (13)	2567.5	21.61	20.60	19.46
		2535	21.33	20.36	19.58
		2502.5	21.11	20.38	19.06
	12RB-Middle (6)	2567.5	21.65	20.47	19.56
		2535	21.35	20.22	19.29

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		2502.5	21.09	20.16	19.11
	12RB-Low (0)	2567.5	21.62	20.43	19.56
		2535	21.31	20.07	19.24
		2502.5	20.96	20.08	18.97
	25RB (0)	2567.5	21.65	20.48	19.65
		2535	21.44	20.05	19.39
		2502.5	21.12	20.41	19.15
10MHz	1RB-High (49)	2565	22.50	21.57	20.78
		2535	22.39	21.81	20.55
		2505	21.85	21.45	20.32
	1RB-Middle (24)	2565	22.48	21.65	20.66
		2535	22.38	21.44	20.78
		2505	21.86	21.03	20.17
	1RB-Low (0)	2565	22.50	21.92	20.91
		2535	22.31	21.57	20.30
		2505	21.94	21.28	20.12
	25RB-High (25)	2565	21.64	20.39	19.48
		2535	21.50	20.39	19.49
		2505	20.97	20.42	19.12
	25RB-Middle (12)	2565	21.63	20.40	19.75
		2535	21.44	20.17	19.36
		2505	21.00	20.26	18.98
	25RB-Low (0)	2565	21.67	20.50	19.62
		2535	22.01	20.23	19.46
		2505	20.95	20.14	18.95
	50RB (0)	2565	21.65	20.46	19.59
		2535	21.39	20.29	19.51
		2505	21.05	20.06	18.97
15MHz	1RB-High (74)	2562.5	22.25	21.37	20.54
		2535	22.15	21.43	20.51
		2507.5	21.74	21.11	20.05
	1RB-Middle (37)	2562.5	22.33	21.57	20.70
		2535	22.09	21.36	20.30
		2507.5	21.72	20.95	20.10
	1RB-Low (0)	2562.5	22.38	21.67	20.74
		2535	21.94	21.27	20.29
		2507.5	21.73	21.03	19.85
	36RB-High (38)	2562.5	21.45	20.43	19.43
		2535	21.41	20.26	19.40
		2507.5	20.87	20.12	18.80
	36RB-Middle (19)	2562.5	21.49	20.49	19.54
		2535	21.26	20.17	19.18
		2507.5	20.86	20.09	18.96
	36RB-Low (0)	2562.5	21.47	20.33	19.41
		2535	21.15	20.12	19.26
		2507.5	20.77	20.05	18.76
	75RB (0)	2562.5	21.53	20.53	19.55
		2535	21.21	20.17	19.29

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		2507.5	20.89	20.17	19.25
20MHz	1RB-High (99)	2560	22.18	21.41	20.61
		2535	22.12	21.48	20.23
		2510	22.18	21.47	20.61
	1RB-Middle (50)	2560	22.16	21.49	20.46
		2535	22.09	21.26	20.24
		2510	22.33	21.69	20.58
	1RB-Low (0)	2560	22.19	21.43	20.36
		2535	22.18	21.35	20.33
		2510	22.42	21.74	20.63
	50RB-High (50)	2560	21.42	20.48	19.47
		2535	21.31	20.22	19.40
		2510	21.42	20.45	19.41
	50RB-Middle (25)	2560	21.44	20.37	19.25
		2535	21.28	20.26	19.31
		2510	21.53	20.52	19.55
	50RB-Low (0)	2560	21.58	20.45	19.57
		2535	21.23	20.31	19.33
		2510	21.60	20.56	19.55
	100RB (0)	2560	21.42	20.43	19.47
		2535	21.37	20.24	19.18
		2510	21.60	20.60	19.58

LTE B7 ANT6

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	21.37	20.69	19.56
		2535	21.42	20.69	19.61
		2502.5	21.38	20.67	19.65
	1RB-Middle (12)	2567.5	21.29	20.49	19.65
		2535	21.35	20.97	19.58
		2502.5	21.33	20.54	19.59
	1RB-Low (0)	2567.5	21.35	20.69	19.72
		2535	21.32	20.61	19.57
		2502.5	21.57	20.67	19.74
	12RB-High (13)	2567.5	20.47	19.46	18.31
		2535	20.53	19.50	18.54
		2502.5	20.54	19.59	18.62
	12RB-Middle (6)	2567.5	20.54	19.47	18.53
		2535	20.28	19.39	18.44
		2502.5	20.61	19.61	18.50
	12RB-Low (0)	2567.5	20.34	19.42	18.35
		2535	20.37	19.42	18.32
		2502.5	20.42	19.46	18.48
	25RB (0)	2567.5	20.35	19.42	18.32

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		2535	20.42	19.38	18.37
		2502.5	20.52	19.50	18.60
10MHz	1RB-High (49)	2565	21.50	20.57	19.65
		2535	21.35	20.67	19.84
		2505	21.32	20.74	19.76
	1RB-Middle (24)	2565	21.28	20.55	19.77
		2535	21.33	20.51	19.82
		2505	21.34	20.69	19.74
	1RB-Low (0)	2565	21.23	20.67	19.71
		2535	21.46	20.43	19.55
		2505	21.45	20.55	19.77
	25RB-High (25)	2565	20.47	19.30	18.67
		2535	20.42	19.45	18.58
		2505	20.51	19.50	18.60
	25RB-Middle (12)	2565	20.25	19.46	18.66
		2535	20.41	19.48	18.57
		2505	20.54	19.58	18.76
	25RB-Low (0)	2565	20.29	19.32	18.40
		2535	20.38	19.37	18.65
		2505	20.50	19.53	18.58
	50RB (0)	2565	20.36	19.29	18.52
		2535	20.35	19.41	18.61
		2505	20.47	19.53	18.74
15MHz	1RB-High (74)	2562.5	21.15	20.45	19.18
		2535	21.08	20.54	19.62
		2507.5	21.18	20.66	19.62
	1RB-Middle (37)	2562.5	21.15	20.40	19.39
		2535	21.16	20.54	19.33
		2507.5	21.10	20.44	19.46
	1RB-Low (0)	2562.5	21.16	20.53	19.61
		2535	21.14	20.48	19.54
		2507.5	21.26	20.47	19.43
	36RB-High (38)	2562.5	20.27	19.19	18.53
		2535	20.29	19.33	18.49
		2507.5	20.36	19.37	18.56
	36RB-Middle (19)	2562.5	20.24	19.29	18.42
		2535	20.25	19.25	18.38
		2507.5	20.41	19.39	18.56
	36RB-Low (0)	2562.5	20.27	19.25	18.35
		2535	20.27	19.29	18.48
		2507.5	20.32	19.24	18.49
	75RB (0)	2562.5	20.22	19.20	18.44
		2535	20.22	19.22	18.47
		2507.5	20.35	19.35	18.55
20MHz	1RB-High (99)	2560	21.07	20.38	19.77
		2535	21.10	20.38	19.24
		2510	21.14	20.62	19.53
	1RB-Middle	2560	21.17	20.38	19.91

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	(50)	2535	21.08	20.35	19.85
		2510	21.19	20.41	19.44
	1RB-Low (0)	2560	21.11	20.47	19.32
		2535	21.11	20.47	19.53
		2510	21.22	20.22	19.82
	50RB-High (50)	2560	20.31	19.28	18.36
		2535	20.30	19.28	18.33
		2510	20.35	19.40	18.44
	50RB-Middle (25)	2560	20.24	19.23	18.26
		2535	20.26	19.22	18.28
		2510	20.34	19.37	18.44
	50RB-Low (0)	2560	20.27	19.31	18.26
		2535	20.26	19.21	18.31
		2510	20.28	19.38	18.34
	100RB (0)	2560	20.17	19.17	18.26
		2535	20.25	19.20	18.37
		2510	20.35	19.37	18.39

LTE B12 ANT0

Band 12					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	715.3	24.11	23.65	22.39
		707.5	24.17	23.13	22.63
		699.7	24.12	23.36	22.70
	1RB-Middle (3)	715.3	24.16	23.87	22.45
		707.5	24.17	23.24	22.46
		699.7	24.19	23.41	22.52
	1RB-Low (0)	715.3	24.14	23.64	22.96
		707.5	24.14	23.20	22.64
		699.7	24.09	23.33	22.76
	3RB-High (3)	715.3	24.16	23.31	22.38
		707.5	24.15	23.35	22.53
		699.7	24.09	23.25	22.65
	3RB-Middle (1)	715.3	23.98	23.47	22.43
		707.5	24.23	23.34	22.64
		699.7	24.21	23.30	22.52
	3RB-Low (0)	715.3	24.08	23.36	21.49
		707.5	24.08	23.34	22.35
		699.7	24.14	23.26	22.48
	6RB (0)	715.3	23.13	22.02	21.34
		707.5	23.13	22.30	21.50
		699.7	23.19	22.38	21.39
3MHz	1RB-High (14)	714.5	24.16	23.16	22.42
		707.5	24.11	23.05	22.45
		700.5	24.28	23.20	22.42

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	1RB-Middle (7)	714.5	24.13	23.20	22.61
		707.5	24.13	23.14	22.52
		700.5	24.22	23.22	22.68
	1RB-Low (0)	714.5	24.29	23.44	22.34
		707.5	24.22	23.20	22.15
		700.5	24.33	23.23	21.86
	8RB-High (7)	714.5	23.25	22.25	21.49
		707.5	23.16	22.38	21.22
		700.5	23.33	22.40	21.33
	8RB-Middle (4)	714.5	23.39	22.29	21.22
		707.5	23.28	22.47	21.38
		700.5	23.35	22.47	21.46
	8RB-Low (0)	714.5	23.23	22.18	21.26
		707.5	23.17	22.37	21.34
		700.5	23.41	22.51	21.20
	15RB (0)	714.5	23.18	22.15	21.38
		707.5	23.29	22.32	21.41
		700.5	23.28	22.40	21.51
5MHz	1RB-High (24)	713.5	24.34	23.39	22.78
		707.5	24.20	23.52	22.64
		701.5	24.18	23.88	22.80
	1RB-Middle (12)	713.5	24.31	23.30	22.98
		707.5	24.25	23.43	22.87
		701.5	24.24	23.82	22.71
	1RB-Low (0)	713.5	24.44	23.48	22.93
		707.5	24.23	23.40	22.96
		701.5	24.35	23.72	22.95
	12RB-High (13)	713.5	23.28	22.24	21.67
		707.5	23.26	22.30	21.60
		701.5	23.31	22.38	21.54
	12RB-Middle (6)	713.5	23.28	22.29	21.73
		707.5	23.27	22.36	21.67
		701.5	23.33	22.47	21.72
	12RB-Low (0)	713.5	23.38	22.37	21.74
		707.5	23.30	22.29	21.49
		701.5	23.40	22.52	21.60
	25RB (0)	713.5	23.28	22.16	21.44
		707.5	23.26	22.18	21.55
		701.5	23.28	22.37	21.73
10MHz	1RB-High (49)	711 (23130)	24.47	23.53	22.72
		707.5	24.27	23.60	22.82
		704 (23060)	24.31	23.30	22.89
	1RB-Middle (24)	711 (23130)	24.42	23.57	22.89
		707.5	24.29	23.50	22.80
		704 (23060)	24.43	23.57	22.77
	1RB-Low (0)	711 (23130)	24.29	23.05	22.12
		707.5	24.26	23.52	22.57
		704 (23060)	24.44	23.32	22.56

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	25RB-High (25)	711 (23130)	23.55	22.61	21.56
		707.5	23.55	22.68	21.53
		704 (23060)	23.37	22.55	21.75
	25RB-Middle (12)	711 (23130)	23.62	22.42	21.57
		707.5	23.53	22.60	21.79
		704 (23060)	23.60	22.54	21.94
	25RB-Low (0)	711 (23130)	23.53	22.53	21.83
		707.5	23.54	22.41	21.79
		704 (23060)	23.60	22.30	21.71
	50RB (0)	711 (23130)	23.43	22.46	21.46
		707.5	23.30	22.59	21.68
		704 (23060)	23.58	22.52	21.69

LTE B12 ANT2

Band 12					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	715.3	23.65	22.55	21.11
		707.5	23.55	22.92	22.97
		699.7	23.65	22.89	23.00
	1RB-Middle (3)	715.3	23.84	22.21	21.26
		707.5	23.53	22.92	22.99
		699.7	23.91	22.99	22.81
	1RB-Low (0)	715.3	23.63	22.41	21.50
		707.5	23.61	22.86	22.81
		699.7	23.63	22.95	22.94
	3RB-High (3)	715.3	23.38	22.51	21.44
		707.5	23.60	22.71	22.62
		699.7	23.69	22.71	22.79
	3RB-Middle (1)	715.3	23.54	22.34	21.94
		707.5	23.62	22.73	22.65
		699.7	23.76	22.18	22.76
	3RB-Low (0)	715.3	23.48	22.56	22.32
		707.5	23.65	22.71	22.80
		699.7	23.68	22.81	22.91
	6RB (0)	715.3	22.47	21.53	21.37
		707.5	22.69	21.73	21.74
		699.7	22.70	21.80	21.87
3MHz	1RB-High (14)	714.5	23.82	22.88	22.67
		707.5	23.66	22.96	22.88
		700.5	23.35	22.93	22.94
	1RB-Middle (7)	714.5	23.77	22.91	22.29
		707.5	23.66	23.00	22.64
		700.5	23.24	23.13	22.67
	1RB-Low (0)	714.5	23.75	22.87	22.44
		707.5	23.68	22.94	22.80

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		700.5	23.43	23.02	22.69
	8RB-High (7)	714.5	22.58	21.76	21.74
		707.5	22.72	21.76	21.92
		700.5	22.77	21.83	21.98
	8RB-Middle (4)	714.5	22.72	21.77	21.53
		707.5	22.76	21.75	21.78
		700.5	22.77	21.93	21.88
	8RB-Low (0)	714.5	22.71	21.78	21.33
		707.5	22.65	21.79	21.81
		700.5	22.84	21.88	21.98
	15RB (0)	714.5	22.71	21.56	21.43
		707.5	22.72	21.84	21.74
		700.5	22.81	21.86	21.85
5MHz	1RB-High (24)	713.5	23.72	22.76	22.86
		707.5	23.38	22.97	21.90
		701.5	23.49	22.21	21.66
	1RB-Middle (12)	713.5	24.01	22.84	22.58
		707.5	23.54	22.89	21.80
		701.5	23.60	22.38	21.70
	1RB-Low (0)	713.5	23.68	22.86	22.49
		707.5	23.47	23.04	22.15
		701.5	23.75	22.74	21.35
	12RB-High (13)	713.5	22.57	21.64	21.66
		707.5	22.75	21.25	21.76
		701.5	22.43	21.16	20.62
	12RB-Middle (6)	713.5	22.67	21.76	21.68
		707.5	22.76	21.54	21.69
		701.5	22.53	21.35	21.86
	12RB-Low (0)	713.5	22.57	21.69	21.66
		707.5	22.64	21.69	21.72
		701.5	22.71	21.53	21.81
	25RB (0)	713.5	22.62	21.55	21.55
		707.5	22.44	21.78	21.73
		701.5	22.80	21.38	21.15
10MHz	1RB-High (49)	711 (23130)	23.23	22.73	21.59
		707.5	23.26	22.65	21.50
		704 (23060)	23.28	22.67	21.61
	1RB-Middle (24)	711 (23130)	23.35	22.46	21.63
		707.5	23.35	22.58	21.76
		704 (23060)	23.41	22.75	21.57
	1RB-Low (0)	711 (23130)	23.30	22.82	21.58
		707.5	23.32	22.80	21.67
		704 (23060)	23.45	22.76	21.80
	25RB-High (25)	711 (23130)	22.29	21.39	20.47
		707.5	22.36	21.38	20.41
		704 (23060)	22.44	21.47	20.49
	25RB-Middle (12)	711 (23130)	22.34	21.41	20.44
		707.5	22.31	21.46	20.41

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		704 (23060)	22.45	21.60	20.60
	25RB-Low (0)	711 (23130)	22.40	21.52	20.49
		707.5	22.38	21.43	20.49
		704 (23060)	22.37	21.39	20.46
	50RB (0)	711 (23130)	22.41	21.28	20.44
		707.5	22.36	21.42	20.42
		704 (23060)	22.41	21.54	20.56

LTE B17 ANT0

Band 17					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	713.5	24.14	23.46	22.51
		710 (23790)	24.30	23.48	22.57
		706.5	24.26	23.57	22.78
	1RB-Middle (12)	713.5	24.16	23.57	22.52
		710 (23790)	24.21	23.73	22.35
		706.5	24.17	23.67	22.47
	1RB-Low (0)	713.5	24.31	23.49	22.59
		710 (23790)	24.36	23.68	22.70
		706.5	24.25	23.62	22.58
	12RB-High (13)	713.5	23.31	22.31	21.46
		710 (23790)	23.39	22.34	21.47
		706.5	23.35	22.33	21.42
	12RB-Middle (6)	713.5	23.37	22.39	21.38
		710 (23790)	23.29	22.28	21.49
		706.5	23.41	22.42	21.55
	12RB-Low (0)	713.5	23.31	22.33	21.53
		710 (23790)	23.28	22.34	21.42
		706.5	23.39	22.33	21.43
	25RB (0)	713.5	23.33	22.27	21.41
		710 (23790)	23.34	22.30	21.45
		706.5	23.28	22.45	21.48
10MHz	1RB-High	711 (23800)	24.18	23.50	22.39
		710 (23790)	24.06	23.59	22.55
		709 (23780)	24.20	23.52	22.38
	1RB-Middle (24)	711 (23800)	24.17	23.48	22.65
		710 (23790)	24.29	23.42	22.61
		709 (23780)	24.32	23.47	22.68
	1RB-Low (0)	711 (23800)	24.16	23.65	22.47
		710 (23790)	24.23	23.70	22.55
		709 (23780)	24.36	23.74	22.66
	25RB-High (25)	711 (23800)	23.25	22.35	21.52
		710 (23790)	23.21	22.36	21.53
		709 (23780)	23.30	22.37	21.45
	25RB-Middle	711 (23800)	23.30	22.30	21.50

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	(12)	710 (23790)	23.31	22.37	21.47
		709 (23780)	23.39	22.41	21.55
	25RB-Low (0)	711 (23800)	23.32	22.38	21.47
		710 (23790)	23.30	22.35	21.46
		709 (23780)	23.36	22.44	21.52
	50RB (0)	711 (23800)	23.24	22.22	21.45
		710 (23790)	23.29	22.30	21.41
		709 (23780)	23.34	22.29	21.41

LTE B17 ANT2

Band 17					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	713.5	24.22	23.51	22.52
		710 (23790)	24.26	23.51	22.64
		706.5	24.31	23.63	22.82
	1RB-Middle (12)	713.5	24.24	23.63	22.58
		710 (23790)	24.26	23.68	22.30
		706.5	24.29	23.38	22.63
	1RB-Low (0)	713.5	24.27	23.68	22.80
		710 (23790)	24.37	23.72	22.56
		706.5	24.36	23.60	22.72
	12RB-High (13)	713.5	23.27	22.27	21.50
		710 (23790)	23.34	22.38	21.53
		706.5	23.35	22.35	21.57
	12RB-Middle (6)	713.5	23.33	22.36	21.53
		710 (23790)	23.39	22.31	21.49
		706.5	23.41	22.38	21.54
	12RB-Low (0)	713.5	23.43	22.36	21.56
		710 (23790)	23.39	22.39	21.50
		706.5	23.38	22.45	21.63
	25RB (0)	713.5	23.30	22.30	21.49
		710 (23790)	23.38	22.27	21.47
		706.5	23.37	22.40	21.45
10MHz	1RB-High	711 (23800)	24.35	23.55	22.46
		710 (23790)	24.33	23.74	22.41
		709 (23780)	24.16	23.58	22.58
	1RB-Middle (24)	711 (23800)	24.34	23.59	22.49
		710 (23790)	24.27	23.61	22.50
		709 (23780)	24.32	23.46	22.53
	1RB-Low (0)	711 (23800)	24.28	23.70	22.19
		710 (23790)	24.40	23.77	22.10
		709 (23780)	24.35	23.79	21.98

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	25RB-High (25)	711 (23800)	23.35	22.35	21.40
		710 (23790)	23.40	22.34	21.39
		709 (23780)	23.38	22.36	21.44
	25RB-Middle (12)	711 (23800)	23.38	22.39	21.31
		710 (23790)	23.38	22.44	21.41
		709 (23780)	23.42	22.54	21.42
	25RB-Low (0)	711 (23800)	23.40	22.41	21.41
		710 (23790)	23.39	22.37	21.41
		709 (23780)	23.35	22.41	21.06
	50RB (0)	711 (23800)	23.36	22.36	21.43
		710 (23790)	23.39	22.46	21.34
		709 (23780)	23.29	22.27	21.45

LTE B26 ANT0

Band 26					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	848.3	23.51	22.77	22.26
		831.5	23.70	23.18	22.61
		814.7	23.74	22.87	22.42
	1RB-Middle (3)	848.3	23.61	22.88	22.40
		831.5	23.83	23.21	22.56
		814.7	23.81	22.93	22.46
	1RB-Low (0)	848.3	23.51	22.76	22.31
		831.5	23.69	23.20	22.35
		814.7	23.72	22.85	22.46
	3RB-High (3)	848.3	23.53	22.66	22.16
		831.5	23.76	23.02	22.52
		814.7	23.75	23.05	22.41
	3RB-Middle (1)	848.3	23.56	22.65	22.17
		831.5	23.78	23.04	22.46
		814.7	23.79	23.04	22.49
	3RB-Low (0)	848.3	23.56	22.65	22.02
		831.5	23.71	23.03	22.21
		814.7	23.71	23.07	22.39
	6RB (0)	848.3	22.56	21.70	21.01
		831.5	22.79	21.66	21.22
		814.7	22.80	22.02	21.20
3MHz	1RB-High (14)	847.5	23.74	22.65	22.32
		831.5	23.85	22.71	22.46
		815.5	23.95	22.73	22.92
	1RB-Middle (7)	847.5	23.52	22.64	22.14
		831.5	23.79	22.74	22.43

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		815.5	23.87	22.70	22.60
	1RB-Low (0)	847.5	23.75	22.72	22.35
		831.5	23.93	22.84	22.57
		815.5	23.97	22.87	22.61
	8RB-High (7)	847.5	22.68	21.61	21.08
		831.5		21.98	21.32
		815.5	22.92	21.95	21.59
	8RB-Middle (4)	847.5	22.75	21.67	20.97
		831.5	23.04	21.97	21.18
		815.5	22.94	21.96	21.57
	8RB-Low (0)	847.5	22.74	21.67	21.17
		831.5	23.02	22.00	21.27
		815.5	22.95	22.00	21.46
	15RB (0)	847.5	22.74	21.58	20.97
		831.5	22.97	21.93	21.25
		815.5	22.92	21.92	21.39
5MHz	1RB-High (24)	846.5	23.77	22.76	22.38
		831.5	23.97	23.00	22.58
		816.5	23.86	23.17	22.52
	1RB-Middle (12)	846.5	23.77	22.65	22.28
		831.5	23.95	22.99	22.48
		816.5	23.83	23.13	22.26
	1RB-Low (0)	846.5	23.85	22.85	22.35
		831.5	24.04	23.09	22.50
		816.5	23.98	23.25	22.61
	12RB-High (13)	846.5	22.77	21.69	21.04
		831.5	22.84	21.96	21.27
		816.5	22.90	22.10	21.27
	12RB-Middle (6)	846.5	22.79	21.74	21.16
		831.5	23.00	22.05	21.33
		816.5	23.02	22.16	21.41
	12RB-Low (0)	846.5	22.78	21.77	21.14
		831.5	22.95	21.96	21.39
		816.5	22.95	22.19	21.40
	25RB (0)	846.5	22.73	21.65	21.18
		831.5	22.93	21.93	21.28
		816.5	22.99	22.03	21.35
10MHz	1RB-High (49)	844 (26990)	23.85	22.62	22.47
		831.5	23.84	22.72	22.35
		820 (26750)	23.85	23.40	22.42
	1RB-Middle (24)	844 (26990)	23.85	22.76	22.43
		831.5	23.91	22.84	22.56
		820 (26750)	23.83	23.38	22.39
	1RB-Low (0)	844 (26990)	23.89	22.83	22.47
		831.5	23.92	22.93	22.55
		820 (26750)	23.92	23.30	22.48
	25RB-High (25)	844 (26990)	22.77	21.75	21.11
		831.5	22.89	21.85	21.31

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		820 (26750)	22.94	21.93	21.40
	25RB-Middle (12)	844 (26990)	22.88	21.87	21.27
		831.5	23.04	22.01	21.33
		820 (26750)	23.04	22.07	21.45
	25RB-Low (0)	844 (26990)	22.89	21.89	21.33
		831.5	22.92	21.93	21.45
		820 (26750)	22.99	21.98	21.40
	50RB (0)	844 (26990)	22.82	21.78	21.23
		831.5	22.89	21.79	21.32
		820 (26750)	22.98	22.01	21.35
15MHz	1RB-High (74)	841.5	23.65	23.01	23.09
		831.5	23.76	23.18	23.18
		822.5	23.85	22.88	23.24
	1RB-Middle (37)	841.5	23.78	23.14	23.24
		831.5	23.88	23.22	23.38
		822.5	23.89	22.86	23.28
	1RB-Low (0)	841.5	23.86	23.24	23.33
		831.5	23.91	23.39	23.38
		822.5	23.96	22.86	23.31
	36RB-High (38)	841.5	22.82	21.83	22.04
		831.5	22.90	21.90	22.15
		822.5	22.94	21.92	22.20
	36RB-Middle (19)	841.5	22.92	21.88	22.06
		831.5	22.91	21.89	22.02
		822.5	22.99	22.01	22.18
	36RB-Low (0)	841.5	22.99	21.99	22.12
		831.5	23.00	21.97	22.21
		822.5	23.01	22.01	22.20
	75RB (0)	841.5	22.91	21.90	22.06
		831.5	22.88	21.94	22.07
		822.5	22.97	22.02	22.19

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Band 26					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	848.3	23.88	23.13	23.02
		831.5	24.04	23.37	23.30
		814.7	24.10	23.28	23.37
	1RB-Middle (3)	848.3	24.16	23.08	23.11
		831.5	24.17	23.38	23.35
		814.7	24.17	23.29	23.38
	1RB-Low (0)	848.3	23.88	23.06	23.22
		831.5	24.08	23.22	23.18
		814.7	24.12	23.46	23.34

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	3RB-High (3)	848.3	23.96	22.78	23.00
		831.5	24.12	23.12	23.09
		814.7	24.13	23.08	23.22
	3RB-Middle (1)	848.3	23.95	22.91	22.89
		831.5	24.13	23.22	23.25
		814.7	24.11	23.22	23.22
	3RB-Low (0)	848.3	23.87	22.82	22.87
		831.5	24.16	23.13	23.17
		814.7	24.13	23.26	23.25
	6RB (0)	848.3	22.96	21.90	21.76
		831.5	23.05	22.07	22.07
		814.7	23.18	22.30	22.17
3MHz	1RB-High (14)	847.5	23.96	23.39	23.25
		831.5	24.20	23.55	23.21
		815.5	24.37	23.60	22.63
	1RB-Middle (7)	847.5	23.98	23.58	23.16
		831.5	24.16	23.66	23.04
		815.5	24.33	23.72	22.43
	1RB-Low (0)	847.5	24.01	23.17	23.09
		831.5	24.28	23.67	22.94
		815.5	24.41	23.67	22.52
	8RB-High (7)	847.5	22.93	22.07	22.04
		831.5	23.30	22.24	22.33
		815.5	23.31	22.51	21.36
	8RB-Middle (4)	847.5	22.97	22.04	22.09
		831.5	23.25	22.30	21.65
		815.5	23.29	22.42	21.35
	8RB-Low (0)	847.5	23.05	22.11	22.06
		831.5	23.33	22.27	21.37
		815.5	23.26	22.29	21.32
	15RB (0)	847.5	22.95	22.05	22.07
		831.5	23.21	22.21	21.34
		815.5	23.23	22.29	21.21
5MHz	1RB-High (24)	846.5	23.92	23.20	23.02
		831.5	24.13	23.44	23.27
		816.5	24.04	23.40	23.32
	1RB-Middle (12)	846.5	23.93	23.31	23.32
		831.5	24.15	23.52	23.18
		816.5	24.03	23.59	23.27
	1RB-Low (0)	846.5	24.03	23.34	23.12
		831.5	24.11	23.48	23.39
		816.5	24.23	23.51	23.36
	12RB-High (13)	846.5	22.94	21.87	22.01
		831.5	23.15	22.19	22.15
		816.5	23.06	22.22	22.21
	12RB-Middle (6)	846.5	23.01	22.04	22.05
		831.5	23.21	22.19	22.21
		816.5	23.29	22.34	22.30

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	12RB-Low (0)	846.5	22.98	21.87	21.96
		831.5	23.13	22.25	22.11
		816.5	23.26	22.31	22.21
	25RB (0)	846.5	23.02	21.91	21.92
		831.5	23.22	22.16	22.12
		816.5	23.25	22.22	22.19
10MHz	1RB-High (49)	844 (26990)	24.01	23.24	23.08
		831.5	24.22	23.58	23.28
		820 (26750)	24.25	23.48	23.35
	1RB-Middle (24)	844 (26990)	24.19	23.18	23.13
		831.5	24.23	23.40	23.38
		820 (26750)	24.19	23.35	23.35
	1RB-Low (0)	844 (26990)	24.19	23.32	23.33
		831.5	24.25	23.67	23.31
		820 (26750)	24.35	23.71	23.28
	25RB-High (25)	844 (26990)	23.15	22.07	21.95
		831.5	23.26	22.16	22.12
		820 (26750)	23.30	22.14	22.30
	25RB-Middle (12)	844 (26990)	23.25	22.20	22.18
		831.5	23.35	22.25	22.21
		820 (26750)	23.31	22.34	22.27
	25RB-Low (0)	844 (26990)	23.26	22.15	22.13
		831.5	23.34	22.30	22.28
		820 (26750)	23.29	22.32	22.27
	50RB (0)	844 (26990)	23.22	22.14	22.12
		831.5	23.23	22.23	22.13
		820 (26750)	23.27	22.34	22.28
15MHz	1RB-High (74)	841.5	23.40	22.59	22.49
		831.5	23.43	22.74	22.61
		822.5	23.41	22.84	22.60
	1RB-Middle (37)	841.5	23.50	22.77	22.59
		831.5	23.61	22.88	22.81
		822.5	23.55	22.80	22.75
	1RB-Low (0)	841.5	23.50	22.88	22.80
		831.5	23.61	22.98	22.82
		822.5	23.65	22.92	22.93
	36RB-High (38)	841.5	22.44	21.51	21.44
		831.5	22.65	21.54	21.53
		822.5	22.70	21.69	21.69
	36RB-Middle (19)	841.5	22.65	21.53	21.51
		831.5	22.61	21.61	21.58
		822.5	22.78	21.80	21.78
	36RB-Low (0)	841.5	22.71	21.61	21.59
		831.5	22.70	21.70	21.71
		822.5	22.82	21.70	21.77
	75RB (0)	841.5	22.57	21.53	21.53
		831.5	22.69	21.61	21.60
		822.5	22.61	21.75	21.64

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Band 38					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2617.5	24.68	23.33	22.18
		2595	24.42	23.48	22.24
		2572.5	24.35	23.47	22.33
	1RB-Middle (12)	2617.5	24.56	23.27	22.31
		2595	24.46	23.33	22.42
		2572.5	24.34	23.27	22.30
	1RB-Low (0)	2617.5	24.62	23.35	22.24
		2595	24.41	23.29	22.49
		2572.5	24.30	23.36	22.38
	12RB-High (13)	2617.5	23.60	22.49	21.61
		2595	23.46	22.38	21.61
		2572.5	23.42	22.43	21.66
	12RB-Middle (6)	2617.5	23.62	22.50	21.60
		2595	23.41	22.37	21.55
		2572.5	23.45	22.37	21.67
	12RB-Low (0)	2617.5	23.53	22.48	21.63
		2595	23.39	22.31	21.57
		2572.5	23.42	22.34	21.64
	25RB (0)	2617.5	23.48	22.43	21.60
		2595	23.36	22.34	21.57
		2572.5	23.39	22.37	21.67
10MHz	1RB-High (49)	2615	24.53	23.56	22.28
		2595	24.44	23.43	22.23
		2575	24.35	23.45	22.32
	1RB-Middle (24)	2615	24.54	23.58	22.26
		2595	24.37	23.41	22.26
		2575	24.44	23.38	22.33
	1RB-Low (0)	2615	24.52	23.54	22.31
		2595	24.43	23.36	22.30
		2575	24.34	23.46	22.30
	25RB-High (25)	2615	23.60	22.49	21.69
		2595	23.49	22.50	21.69
		2575	23.42	22.44	21.72
	25RB-Middle (12)	2615	23.50	22.47	21.66
		2595	23.44	22.44	21.68
		2575	23.41	22.49	21.77
	25RB-Low (0)	2615	23.49	22.47	21.65
		2595	23.44	22.45	21.64
		2575	23.40	22.44	21.72
	50RB (0)	2615	23.48	22.50	21.54
		2595	23.40	22.39	21.57

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		2575	23.45	22.47	21.67
15MHz	1RB-High (74)	2612.5	24.64	23.51	22.08
		2595	24.49	23.43	22.11
		2577.5	24.46	23.33	22.12
	1RB-Middle (37)	2612.5	24.60	23.49	22.17
		2595	24.48	23.38	22.14
		2577.5	24.40	23.31	22.18
	1RB-Low (0)	2612.5	24.63	23.51	22.17
		2595	24.47	23.35	22.13
		2577.5	24.42	23.29	22.12
	36RB-High (38)	2612.5	23.62	22.45	21.46
		2595	23.50	22.45	21.47
		2577.5	23.43	22.35	21.45
	36RB-Middle (19)	2612.5	23.57	22.40	21.49
		2595	23.46	22.45	21.47
		2577.5	23.49	22.42	21.54
	36RB-Low (0)	2612.5	23.54	22.42	21.45
		2595	23.43	22.36	21.44
		2577.5	23.34	22.29	21.52
	75RB (0)	2612.5	23.49	22.39	21.42
		2595	23.44	22.36	21.41
		2577.5	23.41	22.38	21.51
20MHz	1RB-High (99)	2610	24.19	23.53	22.01
		2595	24.26	23.72	22.04
		2580	24.22	23.55	22.09
	1RB-Middle (50)	2610	24.12	23.47	22.04
		2595	24.30	23.68	22.05
		2580	24.19	23.49	22.12
	1RB-Low (0)	2610	24.20	23.42	22.09
		2595	24.23	23.66	22.13
		2580	24.08	23.49	22.14
	50RB-High (50)	2610	23.23	22.23	21.43
		2595	23.23	22.26	21.45
		2580	23.18	22.19	21.48
	50RB-Middle (25)	2610	23.26	22.27	21.44
		2595	23.19	22.26	21.41
		2580	23.25	22.23	21.55
	50RB-Low (0)	2610	23.18	22.15	21.44
		2595	23.17	22.22	21.41
		2580	23.12	22.09	21.51
	100RB (0)	2610	23.19	22.18	21.39
		2595	23.11	22.18	21.41
		2580	23.21	22.20	21.52

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Band 38			
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)

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	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2617.5	23.59	22.51	22.51
		2595	23.42	22.57	22.45
		2572.5	23.44	22.56	22.49
	1RB-Middle (12)	2617.5	23.77	22.48	22.37
		2595	23.66	22.44	22.32
		2572.5	23.64	22.53	22.40
	1RB-Low (0)	2617.5	23.55	22.42	22.50
		2595	23.42	22.43	22.47
		2572.5	23.49	22.51	22.51
	12RB-High (13)	2617.5	22.51	21.39	21.44
		2595	22.46	21.40	21.34
		2572.5	22.46	21.44	21.46
	12RB-Middle (6)	2617.5	22.52	21.34	21.43
		2595	22.36	21.32	21.33
		2572.5	22.48	21.43	21.46
	12RB-Low (0)	2617.5	22.56	21.34	21.43
		2595	22.34	21.27	21.31
		2572.5	22.50	21.39	21.53
	25RB (0)	2617.5	22.53	21.45	21.37
		2595	22.35	21.39	21.27
		2572.5	22.46	21.45	21.47
10MHz	1RB-High (49)	2615	23.50	22.44	22.30
		2595	23.35	22.36	22.30
		2575	23.31	22.39	22.29
	1RB-Middle (24)	2615	23.51	22.42	22.35
		2595	23.41	22.35	22.23
		2575	23.47	22.45	22.21
	1RB-Low (0)	2615	23.49	22.48	22.28
		2595	23.45	22.50	22.38
		2575	23.45	22.58	22.46
	25RB-High (25)	2615	22.43	21.46	21.39
		2595	22.39	21.39	21.39
		2575	22.46	21.47	21.36
	25RB-Middle (12)	2615	22.40	21.39	21.31
		2595	22.36	21.36	21.34
		2575	22.46	21.54	21.29
	25RB-Low (0)	2615	22.46	21.42	21.37
		2595	22.38	21.38	21.42
		2575	22.52	21.58	21.63
	50RB (0)	2615	22.41	21.44	21.34
		2595	22.37	21.43	21.40
		2575	22.47	21.53	21.57
15MHz	1RB-High (74)	2612.5	23.32	22.30	22.20
		2595	23.23	22.31	22.14
		2577.5	23.20	22.37	22.16
	1RB-Middle	2612.5	23.29	22.34	22.21

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	(37)	2595	23.26	22.37	22.19
		2577.5	23.21	22.45	22.16
	1RB-Low (0)	2612.5	23.34	22.33	22.28
		2595	23.31	22.44	22.20
		2577.5	23.30	22.53	22.39
	36RB-High (38)	2612.5	22.29	21.23	21.28
		2595	22.18	21.26	21.24
		2577.5	22.28	21.32	21.25
	36RB-Middle (19)	2612.5	22.20	21.22	21.24
		2595	22.25	21.27	21.28
		2577.5	22.33	21.31	21.20
	36RB-Low (0)	2612.5	22.21	21.19	21.22
		2595	22.26	21.26	21.45
		2577.5	22.34	21.39	21.54
	75RB (0)	2612.5	22.20	21.26	21.30
		2595	22.21	21.28	21.26
		2577.5	22.35	21.37	21.43
20MHz	1RB-High (99)	2610	22.87	21.86	21.85
		2595	22.75	21.81	21.77
		2580	22.74	21.84	21.69
	1RB-Middle (50)	2610	22.90	21.86	21.84
		2595	22.80	21.89	21.78
		2580	22.81	21.84	21.71
	1RB-Low (0)	2610	22.85	21.97	21.82
		2595	22.86	21.96	21.76
		2580	22.73	21.99	21.84
	50RB-High (50)	2610	21.84	20.81	20.76
		2595	21.77	20.77	20.76
		2580	21.73	20.79	20.75
	50RB-Middle (25)	2610	21.81	20.82	20.72
		2595	21.74	20.75	20.71
		2580	21.82	20.84	20.83
	50RB-Low (0)	2610	21.81	20.80	20.74
		2595	21.79	20.77	20.71
		2580	21.77	20.81	20.74
	100RB (0)	2610	21.84	20.78	20.81
		2595	21.72	20.78	20.84
		2580	21.81	20.82	20.84

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Band 41					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2687.5 (41565)	24.57	23.61	23.43
		2640.3(41093)	24.38	23.45	22.09
		2593 (40620)	24.37	23.44	22.09

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	(24)	2545.8(40148)	24.55	23.63	22.21
		2498.5 (39675)	24.50	23.57	22.18
	1RB-Middle (12)	2687.5 (41565)	24.74	23.52	23.42
		2640.3(41093)	24.35	23.50	22.14
		2593 (40620)	24.58	23.51	22.18
		2545.8(40148)	24.69	23.65	22.32
		2498.5 (39675)	24.74	23.63	22.30
	1RB-Low (0)	2687.5 (41565)	24.56	23.59	23.55
		2640.3(41093)	24.33	23.45	21.98
		2593 (40620)	24.43	23.51	22.05
		2545.8(40148)	24.45	23.60	22.19
		2498.5 (39675)	24.53	23.61	22.12
	12RB-High (13)	2687.5 (41565)	23.59	22.55	22.48
		2640.3(41093)	23.44	22.41	21.49
		2593 (40620)	23.47	22.48	21.54
		2545.8(40148)	23.58	22.53	21.62
		2498.5 (39675)	23.57	22.52	21.59
	12RB-Middle (6)	2687.5 (41565)	23.62	22.51	22.55
		2640.3(41093)	23.43	22.38	21.52
		2593 (40620)	23.45	22.42	21.60
		2545.8(40148)	23.60	22.52	21.61
		2498.5 (39675)	23.56	22.57	21.64
	12RB-Low (0)	2687.5 (41565)	23.58	22.46	22.48
		2640.3(41093)	23.44	22.37	21.48
		2593 (40620)	23.53	22.46	21.54
		2545.8(40148)	23.55	22.51	21.59
		2498.5 (39675)	23.59	22.49	21.60
	25RB (0)	2687.5 (41565)	23.55	22.55	22.49
		2640.3(41093)	23.47	22.45	21.50
		2593 (40620)	23.46	22.51	21.61
		2545.8(40148)	23.56	22.59	21.66
		2498.5 (39675)	23.52	22.52	21.60
10MHz	1RB-High (49)	2685 (41540)	24.07	23.08	22.15
		2639(41080)	24.06	23.18	21.92
		2593 (40620)	23.79	22.91	21.91
		2547(40160)	23.93	23.06	22.36
		2501 (39700)	23.92	23.03	22.35
	1RB-Middle (24)	2685 (41540)	24.41	23.36	22.44
		2639(41080)	24.28	23.40	22.18
		2593 (40620)	24.08	23.16	22.28
		2547(40160)	23.97	23.08	22.33
		2501 (39700)	23.92	23.05	22.29
	1RB-Low (0)	2685 (41540)	24.17	23.16	22.12
		2639(41080)	24.05	23.18	21.93
		2593 (40620)	23.80	22.96	22.02
		2547(40160)	23.91	23.09	22.33
		2501 (39700)	23.92	23.09	22.33
	25RB-High	2685 (41540)	23.29	22.27	21.72

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	(25)	2639(41080)	23.24	22.25	21.53
		2593 (40620)	23.07	22.12	21.59
		2547(40160)	23.06	22.04	21.74
		2501 (39700)	22.99	22.06	21.69
	25RB-Middle (12)	2685 (41540)	23.43	22.42	21.72
		2639(41080)	23.37	22.45	21.61
		2593 (40620)	23.27	22.24	21.67
		2547(40160)	23.04	22.13	21.74
		2501 (39700)	23.08	22.09	21.72
	25RB-Low (0)	2685 (41540)	23.31	22.29	21.73
		2639(41080)	23.29	22.37	21.48
		2593 (40620)	23.03	22.07	21.62
		2547(40160)	23.01	22.00	21.76
		2501 (39700)	23.03	22.03	21.71
	50RB (0)	2685 (41540)	23.32	22.31	21.53
		2639(41080)	23.32	22.35	21.47
		2593 (40620)	23.15	22.15	21.55
		2547(40160)	23.12	22.14	21.75
		2501 (39700)	23.03	22.07	21.70
15MHz	1RB-High (74)	2682.5 (41515)	24.24	23.28	22.20
		2637.8(41068)	23.98	23.10	21.81
		2593 (40620)	23.85	23.01	21.91
		2548.3(40173)	23.87	22.99	22.17
		2503.5 (39725)	23.78	22.92	22.03
	1RB-Middle (37)	2682.5 (41515)	24.35	23.38	22.22
		2637.8(41068)	24.23	23.32	22.01
		2593 (40620)	24.01	23.13	22.03
		2548.3(40173)	23.79	22.95	22.10
		2503.5 (39725)	23.82	22.96	22.06
	1RB-Low (0)	2682.5 (41515)	24.11	23.09	21.99
		2637.8(41068)	24.11	23.21	21.84
		2593 (40620)	23.79	22.92	21.87
		2548.3(40173)	23.90	23.01	22.24
		2503.5 (39725)	23.83	22.92	22.03
	36RB-High (38)	2682.5 (41515)	23.32	22.26	21.62
		2637.8(41068)	23.22	22.21	21.30
		2593 (40620)	23.06	22.11	21.38
		2548.3(40173)	22.97	21.85	21.53
		2503.5 (39725)	22.91	21.89	21.47
	36RB-Middle (19)	2682.5 (41515)	23.37	22.28	21.55
		2637.8(41068)	23.32	22.28	21.42
		2593 (40620)	23.12	22.10	21.47
		2548.3(40173)	22.97	21.89	21.59
		2503.5 (39725)	22.94	21.95	21.47
	36RB-Low (0)	2682.5 (41515)	23.27	22.12	21.44
		2637.8(41068)	23.29	22.22	21.26
		2593 (40620)	22.95	21.94	21.34
		2548.3(40173)	22.91	21.85	21.61

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		2503.5 (39725)	22.82	21.82	21.36
	75RB (0)	2682.5 (41515)	23.23	22.27	21.50
		2637.8(41068)	23.24	22.25	21.41
		2593 (40620)	23.09	22.12	21.45
		2548.3(40173)	22.95	21.98	21.57
		2503.5 (39725)	22.94	22.00	21.55
20MHz	1RB-High (99)	2680 (41490)	24.59	23.14	23.24
		2636.5(41055)	24.02	22.85	22.72
		2593 (40620)	24.12	22.97	22.88
		2549.5(40185)	24.43	22.76	23.31
		2506 (39750)	24.30	22.79	23.19
	1RB-Middle (50)	2680 (41490)	24.77	23.33	23.41
		2636.5(41055)	24.43	23.24	23.17
		2593 (40620)	24.45	22.98	23.22
		2549.5(40185)	24.46	22.76	23.25
		2506 (39750)	24.32	22.86	23.25
	1RB-Low (0)	2680 (41490)	24.33	22.98	22.96
		2636.5(41055)	24.14	22.98	22.91
		2593 (40620)	24.10	22.82	22.92
		2549.5(40185)	24.44	22.87	23.29
		2506 (39750)	24.43	22.85	23.34
	50RB-High (50)	2680 (41490)	23.27	22.28	22.52
		2636.5(41055)	23.10	22.08	22.23
		2593 (40620)	22.88	21.92	22.35
		2549.5(40185)	22.75	21.82	22.52
		2506 (39750)	22.76	21.88	22.47
	50RB-Middle (25)	2680 (41490)	23.29	22.27	22.56
		2636.5(41055)	23.23	22.21	22.36
		2593 (40620)	22.97	22.02	22.43
		2549.5(40185)	22.80	21.86	22.56
		2506 (39750)	22.80	21.88	22.47
	50RB-Low (0)	2680 (41490)	23.05	22.07	22.32
		2636.5(41055)	23.04	22.06	22.23
		2593 (40620)	22.72	21.79	22.22
		2549.5(40185)	22.73	21.82	22.54
		2506 (39750)	22.72	21.81	22.45
	100RB (0)	2680 (41490)	23.17	22.16	22.53
		2636.5(41055)	23.14	22.19	22.34
		2593 (40620)	22.90	21.94	22.43
		2549.5(40185)	22.83	21.91	22.64
		2506 (39750)	22.86	21.88	22.57

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Band 41					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM

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5MHz	1RB-High (24)	2687.5 (41565)	23.04	22.02	21.96
		2640.3(41093)	23.14	22.36	22.17
		2593 (40620)	23.00	22.21	21.98
		2545.8(40148)	23.23	22.44	22.18
		2498.5 (39675)	23.15	22.33	20.99
	1RB-Middle (12)	2687.5 (41565)	23.24	22.01	21.92
		2640.3(41093)	23.18	22.37	22.01
		2593 (40620)	23.29	22.25	22.05
		2545.8(40148)	23.41	22.40	22.09
		2498.5 (39675)	23.18	22.27	20.91
	1RB-Low (0)	2687.5 (41565)	22.96	22.10	21.93
		2640.3(41093)	23.16	22.35	22.13
		2593 (40620)	23.08	22.25	22.01
		2545.8(40148)	23.18	22.31	22.21
		2498.5 (39675)	23.11	22.28	20.84
	12RB-High (13)	2687.5 (41565)	22.04	20.96	20.95
		2640.3(41093)	22.22	21.19	21.24
		2593 (40620)	22.14	21.14	21.10
		2545.8(40148)	22.22	21.23	21.22
		2498.5 (39675)	22.18	21.25	20.31
	12RB-Middle (6)	2687.5 (41565)	22.06	21.04	21.05
		2640.3(41093)	22.25	21.22	21.29
		2593 (40620)	22.18	21.22	21.21
		2545.8(40148)	22.27	21.28	21.24
		2498.5 (39675)	22.20	21.19	20.34
	12RB-Low (0)	2687.5 (41565)	22.07	20.98	21.05
		2640.3(41093)	22.24	21.20	21.24
		2593 (40620)	22.23	21.14	21.18
		2545.8(40148)	22.27	21.19	21.22
		2498.5 (39675)	22.15	21.25	20.29
	25RB (0)	2687.5 (41565)	22.03	21.05	20.96
		2640.3(41093)	22.24	21.31	21.25
		2593 (40620)	22.20	21.24	21.19
		2545.8(40148)	22.26	21.26	21.20
		2498.5 (39675)	22.16	21.28	20.29
10MHz	1RB-High (49)	2685 (41540)	22.77	21.86	21.70
		2639(41080)	22.97	22.05	21.84
		2593 (40620)	22.90	21.98	21.72
		2547(40160)	23.21	22.34	22.08
		2501 (39700)	23.12	22.26	22.07
	1RB-Middle (24)	2685 (41540)	23.08	22.11	21.87
		2639(41080)	23.21	22.34	22.04
		2593 (40620)	23.09	22.15	21.91
		2547(40160)	23.15	22.30	22.13
		2501 (39700)	23.12	22.29	22.03
	1RB-Low (0)	2685 (41540)	22.87	21.89	21.75
		2639(41080)	22.95	22.17	21.85
		2593 (40620)	22.86	22.05	21.75

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		2547(40160)	23.26	22.34	22.12
		2501 (39700)	23.13	22.26	22.10
	25RB-High (25)	2685 (41540)	22.06	21.02	20.99
		2639(41080)	22.17	21.20	21.11
		2593 (40620)	22.13	21.11	21.06
		2547(40160)	22.31	21.31	21.27
		2501 (39700)	22.16	21.22	21.18
	25RB-Middle (12)	2685 (41540)	22.15	21.12	21.08
		2639(41080)	22.34	21.36	21.27
		2593 (40620)	22.28	21.31	21.21
		2547(40160)	22.30	21.35	21.25
		2501 (39700)	22.26	21.25	21.26
	25RB-Low (0)	2685 (41540)	22.00	21.08	21.01
		2639(41080)	22.19	21.29	21.16
		2593 (40620)	22.07	21.15	21.05
		2547(40160)	22.18	21.27	21.15
		2501 (39700)	22.25	21.29	21.17
	50RB (0)	2685 (41540)	22.05	21.10	20.94
		2639(41080)	22.24	21.32	21.21
		2593 (40620)	22.20	21.22	21.15
		2547(40160)	22.32	21.39	21.29
		2501 (39700)	22.23	21.32	21.20
15MHz	1RB-High (74)	2682.5 (41515)	22.99	21.98	21.71
		2637.8(41068)	22.86	21.94	21.65
		2593 (40620)	22.85	21.99	21.63
		2548.3(40173)	23.10	22.25	21.96
		2503.5 (39725)	23.00	22.11	21.81
	1RB-Middle (37)	2682.5 (41515)	23.06	22.01	21.79
		2637.8(41068)	23.16	22.28	21.97
		2593 (40620)	23.05	22.13	21.83
		2548.3(40173)	23.06	22.19	21.89
		2503.5 (39725)	23.01	22.13	21.88
	1RB-Low (0)	2682.5 (41515)	22.79	21.85	21.56
		2637.8(41068)	23.04	22.16	21.86
		2593 (40620)	22.86	21.96	21.65
		2548.3(40173)	23.12	22.30	21.95
		2503.5 (39725)	22.97	22.13	21.86
	36RB-High (38)	2682.5 (41515)	22.04	21.01	21.00
		2637.8(41068)	22.13	21.08	21.07
		2593 (40620)	22.10	21.10	21.07
		2548.3(40173)	22.20	21.15	21.20
		2503.5 (39725)	22.08	20.99	21.10
	36RB-Middle (19)	2682.5 (41515)	22.07	20.99	20.99
		2637.8(41068)	22.27	21.22	21.21
		2593 (40620)	22.17	21.16	21.11
		2548.3(40173)	22.19	21.18	21.19
		2503.5 (39725)	22.10	21.12	21.08
	36RB-Low	2682.5 (41515)	21.96	20.87	20.90

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	(0)	2637.8(41068)	22.18	21.12	21.16
		2593 (40620)	22.05	20.95	21.00
		2548.3(40173)	22.10	21.13	21.09
		2503.5 (39725)	22.02	21.03	20.96
	75RB (0)	2682.5 (41515)	22.01	21.00	20.97
		2637.8(41068)	22.18	21.18	21.18
		2593 (40620)	22.12	21.15	21.16
		2548.3(40173)	22.22	21.28	21.28
		2503.5 (39725)	22.09	21.17	21.10
20MHz	1RB-High (99)	2680 (41490)	22.97	22.00	21.74
		2636.5(41055)	22.76	21.83	21.52
		2593 (40620)	22.76	21.86	21.60
		2549.5(40185)	23.11	22.23	21.88
		2506 (39750)	23.11	22.26	21.94
	1RB-Middle (50)	2680 (41490)	23.09	22.11	21.84
		2636.5(41055)	23.19	22.25	22.00
		2593 (40620)	23.08	22.15	21.91
		2549.5(40185)	23.14	22.20	21.97
		2506 (39750)	23.14	22.26	21.99
	1RB-Low (0)	2680 (41490)	22.71	21.75	21.57
		2636.5(41055)	22.96	22.03	21.71
		2593 (40620)	22.77	21.88	21.54
		2549.5(40185)	23.17	22.30	21.96
		2506 (39750)	23.12	22.27	21.95
	50RB-High (50)	2680 (41490)	22.11	21.06	21.05
		2636.5(41055)	22.10	21.10	21.05
		2593 (40620)	22.10	21.15	21.07
		2549.5(40185)	22.25	21.28	21.18
		2506 (39750)	22.23	21.27	21.22
	50RB-Middle (25)	2680 (41490)	22.13	21.11	21.04
		2636.5(41055)	22.27	21.28	21.25
		2593 (40620)	22.23	21.19	21.21
		2549.5(40185)	22.29	21.32	21.25
		2506 (39750)	22.22	21.27	21.21
	50RB-Low (0)	2680 (41490)	21.95	20.88	20.86
		2636.5(41055)	22.17	21.15	21.11
		2593 (40620)	22.00	21.05	20.98
		2549.5(40185)	22.21	21.22	21.13
		2506 (39750)	22.21	21.24	21.16
	100RB (0)	2680 (41490)	21.98	21.02	20.99
		2636.5(41055)	22.19	21.20	21.25
		2593 (40620)	22.14	21.19	21.17
		2549.5(40185)	22.25	21.32	21.34
		2506 (39750)	22.26	21.34	21.25

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LTE B66 ANT1

Band 66					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1779.3	23.62	22.75	21.79
		1745	23.51	23.03	21.87
		1710.7	23.56	22.68	21.89
	1RB-Middle (3)	1779.3	23.76	22.82	22.00
		1745	23.55	23.09	21.95
		1710.7	23.64	22.85	21.86
	1RB-Low (0)	1779.3	23.64	22.74	21.96
		1745	23.52	23.04	21.84
		1710.7	23.59	22.66	21.67
	3RB-High (3)	1779.3	23.57	22.67	21.80
		1745	23.55	22.74	21.84
		1710.7	23.62	22.84	21.81
	3RB-Middle (1)	1779.3	23.58	22.68	21.94
		1745	23.63	22.85	21.89
		1710.7	23.68	22.94	21.91
	3RB-Low (0)	1779.3	23.58	22.66	21.71
		1745	23.60	22.80	21.63
		1710.7	23.61	22.88	21.88
	6RB (0)	1779.3	22.58	21.84	20.72
		1745	22.64	21.52	20.73
		1710.7	22.72	21.89	20.63
3MHz	1RB-High (14)	1778.5	23.65	22.75	22.02
		1745	23.69	22.69	21.93
		1711.5	23.73	22.67	22.07
	1RB-Middle (7)	1778.5	23.76	22.71	21.97
		1745	23.55	22.66	21.91
		1711.5	23.66	22.66	21.88
	1RB-Low (0)	1778.5	23.62	22.82	21.97
		1745	23.68	22.71	21.91
		1711.5	23.73	22.70	21.95
	8RB-High (7)	1778.5	22.69	21.77	20.85
		1745	22.69	21.72	20.94
		1711.5	22.74	21.87	20.95
	8RB-Middle (4)	1778.5	22.77	21.79	20.83
		1745	22.74	21.81	20.97
		1711.5	22.78	21.89	20.92
	8RB-Low (0)	1778.5	22.73	21.73	21.00
		1745	22.62	21.65	20.85
		1711.5	22.78	21.89	20.76
	15RB (0)	1778.5	22.75	21.73	20.76
		1745	22.73	21.72	20.72

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		1711.5	22.75	21.81	20.77
5MHz	1RB-High (24)	1777.5	23.78	22.85	21.86
		1745	23.76	22.87	21.93
		1712.5	23.69	22.91	21.75
	1RB-Middle (12)	1777.5	23.68	22.79	22.03
		1745	23.64	22.75	22.07
		1712.5	23.60	22.82	21.91
	1RB-Low (0)	1777.5	23.82	22.90	22.14
		1745	23.69	22.84	21.85
		1712.5	23.75	22.90	22.04
	12RB-High (13)	1777.5	22.78	21.82	20.90
		1745	22.70	21.79	20.85
		1712.5	22.77	21.82	20.78
	12RB-Middle (6)	1777.5	22.78	21.81	20.94
		1745	22.74	21.84	20.95
		1712.5	22.82	21.88	20.94
	12RB-Low (0)	1777.5	22.81	21.84	20.87
		1745	22.66	21.71	20.77
		1712.5	22.79	21.86	20.90
	25RB (0)	1777.5	22.75	21.73	20.86
		1745	22.74	21.76	20.93
		1712.5	22.80	21.82	20.83
10MHz	1RB-High (49)	1775	23.66	22.67	21.96
		1745	23.64	22.70	21.92
		1715	23.55	23.10	21.98
	1RB-Middle (24)	1775	23.61	22.70	22.14
		1745	23.59	22.49	22.22
		1715	23.55	23.20	21.59
	1RB-Low (0)	1775	23.66	22.76	21.86
		1745	23.58	22.76	21.81
		1715	23.62	23.12	22.20
	25RB-High (25)	1775	22.80	21.84	20.97
		1745	22.71	21.80	20.96
		1715	22.77	21.84	20.84
	25RB-Middle (12)	1775	22.74	21.84	20.96
		1745	22.76	21.86	20.92
		1715	22.82	21.89	20.64
	25RB-Low (0)	1775	22.72	21.79	20.91
		1745	22.65	21.69	20.93
		1715	22.78	21.84	21.02
	50RB (0)	1775	22.70	21.75	20.90
		1745	22.76	21.72	21.01
		1715	22.79	21.81	20.71
15MHz	1RB-High (74)	1772.5	23.51	22.54	22.16
		1745	23.50	22.95	21.94
		1717.5	23.47	22.63	22.16
	1RB-Middle (37)	1772.5	23.52	22.63	21.70
		1745	23.52	22.95	21.86

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		1717.5 (132047)	23.58	22.61	21.92
	1RB-Low (0)	1772.5	23.58	22.61	21.72
		1745	23.54	22.92	21.91
		1717.5 (132047)	23.51	22.55	22.03
	36RB-High (38)	1772.5	22.71	21.68	20.82
		1745	22.62	21.69	20.75
		1717.5	22.66	21.67	20.83
	36RB-Middle (19)	1772.5	22.70	21.71	20.80
		1745	22.64	21.74	20.78
		1717.5	22.68	21.68	20.77
	36RB-Low (0)	1772.5	22.60	21.60	20.72
		1745	22.57	21.65	20.69
		1717.5	22.70	21.70	20.70
	75RB (0)	1772.5	22.57	21.60	20.63
		1745	22.62	21.65	20.69
		1717.5	22.68	21.65	20.72
20MHz	1RB-High (99)	1770	23.40	22.95	22.19
		1745	23.46	22.99	22.07
		1720	23.44	23.03	22.04
	1RB-Middle (50)	1770	23.36	23.01	22.09
		1745	23.36	22.95	21.97
		1720	23.42	22.93	21.68
	1RB-Low (0)	1770	23.43	23.01	21.88
		1745	23.36	23.00	21.94
		1720	23.41	22.95	22.16
	50RB-High (50)	1770	22.51	21.53	20.85
		1745	22.51	21.54	20.74
		1720	22.53	21.56	20.84
	50RB-Middle (25)	1770	22.56	21.57	20.90
		1745	22.55	21.47	20.78
		1720	22.55	21.50	20.82
	50RB-Low (0)	1770	22.46	21.48	20.72
		1745	22.48	21.43	20.72
		1720	22.49	21.49	20.73
	100RB (0)	1770	22.50	21.57	20.71
		1745	22.53	21.53	20.72
		1720	22.56	21.54	20.71

LTE B66 ANT6

Band 66					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
		1779.3	22.52	21.93	21.52

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	(5)	1745	22.71	22.01	20.99
		1710.7	22.79	22.23	21.12
	1RB-Middle (3)	1779.3	22.70	21.91	21.09
		1745	22.78	22.06	21.07
		1710.7	22.89	22.40	21.21
	1RB-Low (0)	1779.3	22.56	21.94	21.70
		1745	22.68	22.04	21.04
		1710.7	22.85	22.20	20.70
	3RB-High (3)	1779.3	22.52	21.88	21.64
		1745	22.78	21.86	20.99
		1710.7	22.83	22.01	21.16
	3RB-Middle (1)	1779.3	22.59	21.81	21.24
		1745	22.68	21.63	21.05
		1710.7	22.88	22.00	21.21
	3RB-Low (0)	1779.3	22.58	21.82	21.56
		1745	22.77	21.81	20.99
		1710.7	22.82	22.02	21.31
	6RB (0)	1779.3	21.64	20.74	19.85
		1745	21.84	21.03	19.90
		1710.7	21.81	21.01	20.11
3MHz	1RB-High (14)	1778.5	22.61	21.91	21.36
		1745	22.86	22.29	21.57
		1711.5	22.85	22.16	21.67
	1RB-Middle (7)	1778.5	22.60	21.89	21.13
		1745	22.79	22.60	21.51
		1711.5	22.76	22.43	21.37
	1RB-Low (0)	1778.5	22.62	22.07	21.34
		1745	22.76	22.14	21.46
		1711.5	22.77	22.18	21.63
	8RB-High (7)	1778.5	21.76	21.01	20.57
		1745	21.88	21.02	20.38
		1711.5	21.90	21.15	20.55
	8RB-Middle (4)	1778.5	21.77	20.88	20.35
		1745	21.90	21.10	20.47
		1711.5	21.84	21.14	20.64
	8RB-Low (0)	1778.5	21.80	20.94	20.37
		1745	21.83	20.96	20.53
		1711.5	21.90	21.16	20.56
	15RB (0)	1778.5	21.82	20.95	20.32
		1745	21.88	20.97	20.35
		1711.5	21.90	21.07	20.46
5MHz	1RB-High (24)	1777.5	22.79	22.67	21.16
		1745	22.74	22.26	21.34
		1712.5	22.85	22.33	21.41
	1RB-Middle (12)	1777.5	22.67	22.66	20.95
		1745	22.84	22.40	21.26
		1712.5	22.72	22.49	21.29
	1RB-Low (0)	1777.5	22.73	22.62	21.25

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		1745	22.73	22.09	21.24
		1712.5	22.83	22.32	21.30
	12RB-High (13)	1777.5	21.79	20.67	20.11
		1745	21.88	21.00	20.18
		1712.5	21.90	21.09	20.21
	12RB-Middle (6)	1777.5	21.76	20.93	20.11
		1745	21.86	20.99	20.03
		1712.5	21.83	21.09	20.16
	12RB-Low (0)	1777.5	21.76	20.77	20.04
		1745	21.88	20.77	20.10
		1712.5	21.90	21.13	20.20
	25RB (0)	1777.5	21.84	20.87	20.04
		1745	21.84	20.88	20.10
		1712.5	21.90	20.99	20.25
10MHz	1RB-High (49)	1775	22.55	22.04	21.25
		1745	22.67	22.31	21.33
		1715	22.74	22.27	21.44
	1RB-Middle (24)	1775	22.67	22.01	21.15
		1745	22.82	22.14	21.24
		1715	22.80	22.19	21.44
	1RB-Low (0)	1775	22.68	22.14	21.02
		1745	22.76	22.49	21.26
		1715	22.90	22.20	21.14
	25RB-High (25)	1775	21.83	20.88	20.13
		1745	21.90	21.06	20.14
		1715	21.86	21.12	20.32
	25RB-Middle (12)	1775	21.75	20.84	20.13
		1745	21.87	21.02	20.19
		1715	21.90	21.10	20.20
	25RB-Low (0)	1775	21.75	20.87	20.08
		1745	21.88	21.05	20.25
		1715	21.88	21.11	20.31
	50RB (0)	1775	21.70	20.92	19.96
		1745	21.87	21.02	20.22
		1715	21.81	21.06	20.25
15MHz	1RB-High (74)	1772.5	22.60	21.96	20.89
		1745	22.64	22.05	21.06
		1717.5	22.64	22.09	21.23
	1RB-Middle (37)	1772.5	22.61	21.87	20.82
		1745	22.63	22.14	21.08
		1717.5	22.76	22.12	21.01
	1RB-Low (0)	1772.5	22.59	22.10	21.07
		1745	22.57	22.18	21.07
		1717.5	22.76	22.16	20.98
	36RB-High (38)	1772.5	21.73	20.79	19.81
		1745	21.73	20.90	19.94
		1717.5	21.82	20.94	19.98
	36RB-Middle	1772.5	21.74	20.81	19.85

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	(19)	1745	21.79	20.88	19.90
		1717.5	21.87	20.96	20.03
	36RB-Low (0)	1772.5	21.62	20.74	19.69
		1745	21.81	20.89	19.99
		1717.5	21.76	20.86	19.92
	75RB (0)	1772.5	21.64	20.75	19.78
		1745	21.75	20.85	19.75
		1717.5	21.88	21.00	19.93
20MHz	1RB-High (99)	1770	22.59	21.71	20.76
		1745	22.68	21.90	20.74
		1720	22.60	21.84	20.71
	1RB-Middle (50)	1770	22.51	21.69	20.89
		1745	22.71	21.90	20.90
		1720	22.74	21.86	20.86
	1RB-Low (0)	1770	22.65	21.87	20.82
		1745	22.69	21.90	20.80
		1720	22.66	21.85	20.89
	50RB-High (50)	1770	21.67	20.64	19.73
		1745	21.71	20.80	19.85
		1720	21.85	20.85	19.83
	50RB-Middle (25)	1770	21.76	20.67	19.77
		1745	21.79	20.68	19.73
		1720	21.81	20.81	19.89
	50RB-Low (0)	1770	21.70	20.61	19.75
		1745	21.75	20.82	19.83
		1720	21.75	20.77	19.77
	100RB (0)	1770	21.72	20.75	19.74
		1745	21.73	20.79	19.79
		1720	21.85	20.86	19.85

Measured Plimit for DSI1

LTE B2 ANT1

=Full power

LTE B2 ANT6

Band 2					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1909.3	15.95	16.28	16.21
		1880	16.03	16.35	16.15
		1850.7	16.04	16.29	16.29
	1RB-Middle	1909.3	16.03	16.35	16.01

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	(3)	1880	16.31	16.39	16.26
		1850.7	16.39	16.54	16.65
	1RB-Low (0)	1909.3	16.05	16.30	16.24
		1880	16.15	16.46	16.45
		1850.7	16.24	16.65	16.73
	3RB-High (3)	1909.3	15.94	16.00	16.03
		1880	16.25	16.21	16.23
		1850.7	16.17	16.24	16.17
	3RB-Middle (1)	1909.3	16.02	16.16	16.14
		1880	16.09	15.94	16.29
		1850.7	16.32	15.90	16.30
	3RB-Low (0)	1909.3	16.02	16.09	16.21
		1880	16.15	16.21	16.27
		1850.7	16.25	16.41	16.27
	6RB (0)	1909.3	16.28	16.09	15.98
		1880	16.20	16.23	16.14
		1850.7	16.22	16.21	16.36
3MHz	1RB-High (14)	1908.5	16.03	16.31	16.25
		1880	16.19	16.32	16.31
		1851.5	16.27	16.49	16.48
	1RB-Middle (7)	1908.5	16.11	16.31	16.03
		1880	16.15	16.35	16.37
		1851.5	16.17	16.51	16.34
	1RB-Low (0)	1908.5	16.12	16.51	16.28
		1880	16.20	16.63	16.41
		1851.5	16.30	16.70	16.59
	8RB-High (7)	1908.5	16.07	16.15	16.21
		1880	16.17	16.28	16.15
		1851.5	16.32	16.38	16.33
	8RB-Middle (4)	1908.5	16.14	16.17	16.09
		1880	16.19	16.36	16.32
		1851.5	16.33	16.42	16.36
	8RB-Low (0)	1908.5	16.13	16.20	16.24
		1880	16.18	16.20	16.20
		1851.5	16.41	16.45	16.47
	15RB (0)	1908.5	16.13	16.08	16.08
		1880	16.19	16.06	16.14
		1851.5	16.42	16.35	16.29
5MHz	1RB-High (24)	1907.5	16.02	16.26	16.23
		1880	16.12	16.41	16.35
		1852.5	16.20	16.56	16.37
	1RB-Middle (12)	1907.5	16.08	16.30	16.02
		1880	16.12	16.47	16.20
		1852.5	16.23	16.59	16.35
	1RB-Low (0)	1907.5	16.13	16.45	16.27
		1880	16.15	16.43	16.47
		1852.5	16.38	16.69	16.58
	12RB-High	1907.5	16.10	16.12	16.09

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	(13)	1880	16.20	16.26	16.19
		1852.5	16.28	16.28	16.24
	12RB-Middle (6)	1907.5	16.22	16.17	16.04
		1880	16.25	16.20	16.19
		1852.5	16.38	16.37	16.32
	12RB-Low (0)	1907.5	16.16	16.28	16.13
		1880	16.11	16.24	16.32
		1852.5	16.42	16.43	16.37
	25RB (0)	1907.5	16.08	16.14	16.10
		1880	16.18	16.17	16.22
		1852.5	16.29	16.26	16.27
10MHz	1RB-High (49)	1905 (19150)	16.01	16.32	16.18
		1880	16.14	16.50	16.24
		1855	16.27	16.53	16.17
	1RB-Middle (24)	1905 (19150)	16.11	16.41	16.26
		1880	16.16	16.40	16.39
		1855	16.36	16.40	16.51
	1RB-Low (0)	1905 (19150)	16.13	16.38	16.22
		1880	16.21	16.47	16.59
		1855	16.38	16.49	16.46
	25RB-High (25)	1905 (19150)	16.12	16.18	16.03
		1880	16.21	16.21	16.21
		1855	16.23	16.32	16.29
	25RB-Middle (12)	1905 (19150)	16.20	16.25	16.22
		1880	16.24	16.20	16.30
		1855	16.40	16.37	16.39
	25RB-Low (0)	1905 (19150)	16.20	16.10	16.20
		1880	16.16	16.30	16.27
		1855	16.43	16.40	16.39
	50RB (0)	1905 (19150)	16.05	16.07	16.15
		1880	16.17	16.22	16.20
		1855	16.36	16.36	16.33
15MHz	1RB-High (74)	1902.5	16.00	16.34	16.15
		1880	16.06	16.29	16.21
		1857.5	16.19	16.40	16.31
	1RB-Middle (37)	1902.5	16.01	16.29	16.12
		1880	16.07	16.45	16.25
		1857.5	16.13	16.37	16.18
	1RB-Low (0)	1902.5	15.99	16.29	16.15
		1880	16.07	16.25	16.16
		1857.5	16.19	16.49	16.27
	36RB-High (38)	1902.5	16.08	16.06	16.02
		1880	16.17	16.20	16.17
		1857.5	16.18	16.23	16.21
	36RB-Middle (19)	1902.5	16.01	16.02	15.96
		1880	16.16	16.14	16.14
		1857.5	16.29	16.24	16.21
	36RB-Low	1902.5	16.08	16.02	16.02

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	(0)	1880	16.13	16.13	16.13
		1857.5	16.37	16.32	16.29
	75RB (0)	1902.5	16.01	16.04	16.03
		1880	16.17	16.19	16.04
		1857.5	16.25	16.22	16.22
20MHz	1RB-High (99)	1900 (19100)	16.09	16.32	16.28
		1880	16.07	16.35	16.38
		1860	16.19	16.46	16.37
	1RB-Middle (50)	1900 (19100)	16.02	16.37	16.10
		1880	16.15	16.33	16.32
		1860	16.21	16.52	16.54
	1RB-Low (0)	1900 (19100)	16.08	16.33	16.25
		1880	16.09	16.30	16.38
		1860	16.20	16.50	16.39
	50RB-High (50)	1900 (19100)	16.12	16.15	16.16
		1880	16.30	16.28	16.24
		1860	16.34	16.28	16.36
	50RB-Middle (25)	1900 (19100)	16.28	16.14	16.27
		1880	16.27	16.13	16.29
		1860	16.33	16.26	16.34
	50RB-Low (0)	1900 (19100)	16.16	16.13	16.15
		1880	16.26	16.27	16.26
		1860	16.33	16.31	16.38
	100RB (0)	1900 (19100)	16.24	16.17	16.11
		1880	16.19	16.18	16.09
		1860	17.78	17.82	17.72

LTE B4 ANT1

=Full power

LTE B4 ANT6

Band 4					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1754.3	19.70	20.11	20.11
		1732.5	19.89	20.12	20.22
		1710.7	20.05	20.47	20.26
	1RB-Middle (3)	1754.3	19.91	20.13	20.00
		1732.5	20.29	20.11	20.06
		1710.7	20.18	20.52	20.52
	1RB-Low (0)	1754.3	19.89	20.10	20.06
		1732.5	19.88	20.25	20.33
		1710.7	20.05	20.42	20.06
	3RB-High (3)	1754.3	19.84	19.87	19.90

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		1732.5	19.92	20.03	20.04
		1710.7	19.99	20.12	20.08
	3RB-Middle (1)	1754.3	19.95	19.95	19.96
		1732.5	19.99	19.97	20.12
		1710.7	20.07	20.22	20.23
	3RB-Low (0)	1754.3	19.77	19.89	19.99
		1732.5	19.96	20.15	19.97
		1710.7	20.01	20.05	20.15
	6RB (0)	1754.3	19.66	19.92	19.86
		1732.5	19.90	19.85	20.02
		1710.7	19.99	20.07	20.14
3MHz	1RB-High (14)	1753.5	19.84	20.19	20.21
		1732.5	19.93	20.29	20.20
		1711.5	20.18	20.46	20.51
	1RB-Middle (7)	1753.5	19.92	20.01	19.80
		1732.5	19.83	20.25	20.16
		1711.5	19.86	20.32	20.16
	1RB-Low (0)	1753.5	20.00	20.26	20.26
		1732.5	20.09	20.18	20.27
		1711.5	20.18	20.49	20.41
	8RB-High (7)	1753.5	19.86	20.02	20.06
		1732.5	20.03	20.19	20.04
		1711.5	20.14	20.27	20.20
	8RB-Middle (4)	1753.5	20.05	20.09	19.98
		1732.5	20.11	20.17	20.22
		1711.5	20.16	20.24	20.19
	8RB-Low (0)	1753.5	20.02	20.01	19.99
		1732.5	20.06	20.02	20.06
		1711.5	20.20	20.12	20.28
	15RB (0)	1753.5	19.96	19.94	19.91
		1732.5	20.01	20.02	20.01
		1711.5	20.07	20.13	20.10
5MHz	1RB-High (24)	1752.5	19.85	20.13	20.29
		1732.5	20.07	20.35	20.44
		1712.5	20.24	20.51	20.64
	1RB-Middle (12)	1752.5	19.79	20.03	20.11
		1732.5	19.88	20.11	20.13
		1712.5	19.97	20.29	19.95
	1RB-Low (0)	1752.5	20.05	20.19	20.26
		1732.5	20.01	20.18	20.23
		1712.5	20.34	20.51	20.65
	12RB-High (13)	1752.5	19.94	20.01	20.07
		1732.5	20.01	20.08	20.11
		1712.5	20.04	20.08	20.00
	12RB-Middle (6)	1752.5	19.96	20.05	20.01
		1732.5	20.03	20.07	20.04
		1712.5	20.23	20.17	20.06
	12RB-Low (0)	1752.5	19.96	19.94	19.93

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		1732.5	19.97	20.03	19.98
		1712.5	20.15	20.11	20.08
	25RB (0)	1752.5	20.00	19.99	20.05
		1732.5	20.01	20.04	20.05
		1712.5	20.14	20.19	20.17
10MHz	1RB-High (49)	1750	19.70	20.12	20.10
		1732.5	20.01	20.14	19.71
		1715	20.03	20.21	20.02
	1RB-Middle (24)	1750	20.04	19.97	20.29
		1732.5	20.08	20.12	20.15
		1715	20.10	20.21	20.40
	1RB-Low (0)	1750	20.08	20.26	19.92
		1732.5	19.98	20.33	19.94
		1715	20.04	20.24	20.09
	25RB-High (25)	1750	19.98	20.01	20.00
		1732.5	20.05	20.08	20.08
		1715	20.20	20.02	20.12
	25RB-Middle (12)	1750	20.02	19.96	20.06
		1732.5	20.08	20.20	20.09
		1715	20.19	20.15	20.14
	25RB-Low (0)	1750	19.95	19.95	19.99
		1732.5	19.95	20.04	20.05
		1715	20.15	20.20	20.18
	50RB (0)	1750	19.89	19.95	19.84
		1732.5	20.07	20.09	19.98
		1715	20.15	20.11	20.10
15MHz	1RB-High (74)	1747.5	19.72	19.85	19.93
		1732.5	19.82	20.11	20.01
		1717.5	19.89	20.00	19.87
	1RB-Middle (37)	1747.5	19.88	20.10	19.98
		1732.5	19.82	19.97	19.99
		1717.5	19.86	20.17	19.92
	1RB-Low (0)	1747.5	19.80	20.03	19.97
		1732.5	20.00	20.24	19.93
		1717.5	19.95	20.42	20.03
	36RB-High (38)	1747.5	19.84	19.87	19.87
		1732.5	19.95	20.03	19.92
		1717.5	20.02	20.02	20.04
	36RB-Middle (19)	1747.5	19.93	19.90	19.98
		1732.5	19.97	19.98	19.98
		1717.5	20.08	19.99	20.01
	36RB-Low (0)	1747.5	19.80	19.86	19.77
		1732.5	19.87	19.90	19.89
		1717.5	20.03	20.03	20.14
	75RB (0)	1747.5	19.90	19.98	19.89
		1732.5	19.97	19.96	19.96
		1717.5	20.04	19.97	19.99
20MHz	1RB-High	1745	19.94	20.14	19.96

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	(99)	1732.5	19.96	20.13	20.21
		1720	20.01	20.15	20.04
	1RB-Middle (50)	1745	19.95	20.17	20.14
		1732.5	20.03	20.14	19.94
		1720	20.05	20.21	20.33
	1RB-Low (0)	1745	20.01	20.16	20.20
		1732.5	20.10	20.06	20.16
		1720	20.12	20.21	20.11
	50RB-High (50)	1745	20.03	19.96	19.92
		1732.5	20.11	19.93	19.95
		1720	20.14	19.99	19.97
	50RB-Middle (25)	1745	19.97	19.83	19.90
		1732.5	20.12	19.98	19.98
		1720	20.13	20.03	20.12
	50RB-Low (0)	1745	20.04	19.88	19.97
		1732.5	20.08	19.87	19.93
		1720	20.10	19.98	19.90
	100RB (0)	1745	20.02	19.85	19.78
		1732.5	20.15	19.99	19.97
		1720	20.12	20.06	19.98

LTE B5 ANT0

=Full power

LTE B5 ANT2

=Full power

LTE B7 ANT3

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	21.52	21.93	21.84
		2535	21.57	21.90	22.03
		2502.5	21.43	21.64	21.71
	1RB-Middle (12)	2567.5	21.46	21.77	21.51
		2535	21.63	22.02	21.60
		2502.5	21.35	21.72	21.24
	1RB-Low (0)	2567.5	21.61	21.85	21.80
		2535	21.70	21.85	21.79
		2502.5	21.33	21.53	21.61
	12RB-High (13)	2567.5	21.56	21.77	21.58
		2535	21.69	21.75	21.76
		2502.5	21.47	21.47	21.51
	12RB-Middle	2567.5	21.71	21.72	21.70

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	(6)	2535	21.63	21.70	21.58
		2502.5	21.48	21.41	21.49
	12RB-Low (0)	2567.5	21.55	21.60	21.57
		2535	21.63	21.65	21.57
		2502.5	21.35	21.40	21.41
	25RB (0)	2567.5	21.63	21.63	21.61
		2535	21.54	21.65	21.70
		2502.5	21.51	21.46	21.46
10MHz	1RB-High (49)	2565	21.63	21.88	21.72
		2535	21.61	21.99	21.89
		2505	21.43	21.64	21.36
	1RB-Middle (24)	2565	21.75	21.96	21.83
		2535	21.67	21.87	21.98
		2505	21.36	21.56	21.53
	1RB-Low (0)	2565	21.68	22.00	21.62
		2535	21.53	21.80	21.68
		2505	21.34	21.65	21.43
	25RB-High (25)	2565	21.62	21.66	21.73
		2535	21.62	21.78	21.78
		2505	21.51	21.43	21.45
	25RB-Middle (12)	2565	21.66	21.66	21.73
		2535	21.63	21.74	21.72
		2505	21.55	21.50	21.47
	25RB-Low (0)	2565	21.62	21.69	21.65
		2535	21.60	21.64	21.65
		2505	21.37	21.48	21.40
	50RB (0)	2565	21.53	21.63	21.57
		2535	21.67	21.74	21.54
		2505	21.42	21.38	21.39
15MHz	1RB-High (74)	2562.5	21.33	21.51	21.38
		2535	21.41	21.74	21.56
		2507.5	21.24	21.55	21.37
	1RB-Middle (37)	2562.5	21.42	21.71	21.56
		2535	21.41	21.72	21.67
		2507.5	21.04	21.53	21.28
	1RB-Low (0)	2562.5	21.43	21.75	21.62
		2535	21.40	21.46	21.45
		2507.5	21.21	21.39	21.26
	36RB-High (38)	2562.5	21.48	21.45	21.44
		2535	21.62	21.59	21.50
		2507.5	21.33	21.32	21.35
	36RB-Middle (19)	2562.5	21.60	21.54	21.61
		2535	21.47	21.57	21.51
		2507.5	21.32	21.33	21.33
	36RB-Low (0)	2562.5	21.62	21.62	21.58
		2535	21.51	21.44	21.45
		2507.5	21.30	21.30	21.30
	75RB (0)	2562.5	21.60	21.55	21.53

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		2535	21.47	21.62	21.48
		2507.5	21.34	21.36	21.28
20MHz	1RB-High (99)	2560	21.32	21.54	21.50
		2535	21.45	21.65	21.75
		2510	21.28	21.71	21.78
	1RB-Middle (50)	2560	21.38	21.74	21.49
		2535	21.32	21.54	21.88
		2510	21.15	21.33	21.62
	1RB-Low (0)	2560	21.44	21.80	21.67
		2535	21.29	21.73	21.44
		2510	21.05	21.49	21.57
	50RB-High (50)	2560	21.49	21.57	21.05
		2535	21.61	21.57	21.18
		2510	21.40	21.43	20.91
	50RB-Middle (25)	2560	21.51	21.51	21.05
		2535	21.44	21.42	21.16
		2510	21.43	21.39	20.86
	50RB-Low (0)	2560	21.59	21.55	21.15
		2535	21.45	21.47	20.95
		2510	21.21	21.37	20.71
	100RB (0)	2560	21.50	21.55	21.09
		2535	21.47	21.47	20.95
		2510	21.32	21.41	20.82

LTE B7 ANT9

=Full power

LTE B7 ANT1

=Full power

LTE B7 ANT6

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	16.91	17.17	17.30
		2535	17.29	17.47	17.42
		2502.5	17.07	17.29	17.36
	1RB-Middle (12)	2567.5	16.97	17.15	17.25
		2535	16.77	17.19	17.12
		2502.5	17.07	17.51	17.25
	1RB-Low (0)	2567.5	16.91	17.12	17.31
		2535	17.20	17.55	17.34
		2502.5	17.30	17.53	17.36
	12RB-High	2567.5	16.84	17.13	17.06

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	(13)	2535	17.24	17.22	17.16
		2502.5	17.27	17.27	17.21
	12RB-Middle (6)	2567.5	16.91	17.10	17.10
		2535	17.11	17.09	16.90
		2502.5	17.15	17.20	17.24
	12RB-Low (0)	2567.5	16.88	16.98	17.01
		2535	16.99	16.97	17.07
		2502.5	17.09	17.13	17.08
	25RB (0)	2567.5	16.95	17.08	17.12
		2535	17.05	17.06	17.06
		2502.5	17.18	17.21	17.10
10MHz	1RB-High (49)	2565	16.86	17.18	17.31
		2535	17.07	17.52	17.50
		2505	17.11	17.56	17.39
	1RB-Middle (24)	2565	16.85	17.17	17.20
		2535	17.18	17.47	17.54
		2505	16.97	17.37	17.34
	1RB-Low (0)	2565	16.94	17.17	17.33
		2535	17.02	17.52	17.40
		2505	17.19	17.47	17.29
	25RB-High (25)	2565	17.01	17.14	17.19
		2535	17.17	17.18	17.02
		2505	17.11	17.29	17.16
	25RB-Middle (12)	2565	17.04	17.11	17.09
		2535	17.06	17.15	17.10
		2505	17.18	17.21	17.21
	25RB-Low (0)	2565	16.98	17.11	17.08
		2535	16.98	17.05	17.12
		2505	17.15	17.16	17.11
	50RB (0)	2565	16.98	17.14	17.01
		2535	17.08	17.16	17.12
		2505	17.26	17.21	17.18
15MHz	1RB-High (74)	2562.5	16.90	16.79	16.73
		2535	16.84	17.28	17.06
		2507.5	16.93	17.39	17.26
	1RB-Middle (37)	2562.5	16.97	17.25	16.89
		2535	16.72	17.17	16.79
		2507.5	16.91	17.15	17.03
	1RB-Low (0)	2562.5	16.94	17.22	17.24
		2535	16.85	17.35	17.15
		2507.5	16.86	16.60	16.83
	36RB-High (38)	2562.5	17.00	16.92	16.89
		2535	16.95	17.04	16.97
		2507.5	17.03	17.03	17.04
	36RB-Middle (19)	2562.5	17.01	16.92	16.87
		2535	17.04	16.82	16.94
		2507.5	17.01	17.06	17.06
	36RB-Low	2562.5	17.00	16.96	16.95

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	(0)	2535	16.98	16.97	16.94
		2507.5	16.90	16.96	17.01
	75RB (0)	2562.5	16.98	16.93	16.93
		2535	16.95	17.02	16.92
		2507.5	17.09	17.07	17.04
20MHz	1RB-High (99)	2560	16.82	17.06	17.01
		2535	16.70	17.16	17.07
		2510	16.89	17.35	17.24
	1RB-Middle (50)	2560	16.83	17.10	16.96
		2535	16.95	17.34	17.26
		2510	16.79	17.13	17.11
	1RB-Low (0)	2560	16.87	17.13	17.14
		2535	16.79	17.12	17.21
		2510	16.92	16.97	17.10
	50RB-High (50)	2560	16.94	16.96	16.94
		2535	16.99	16.97	17.02
		2510	17.04	17.08	17.03
	50RB-Middle (25)	2560	16.86	17.02	16.86
		2535	16.84	16.88	16.92
		2510	16.99	17.06	17.05
	50RB-Low (0)	2560	16.95	16.93	16.91
		2535	16.93	16.95	16.92
		2510	16.93	17.03	17.02
	100RB (0)	2560	16.89	16.91	16.98
		2535	16.87	16.91	16.94
		2510	17.06	17.05	16.95

LTE B12 ANT0

=Full power

LTE B12 ANT2

=Full power

LTE B17 ANT0

=Full power

LTE B17 ANT2

=Full power

LTE B26 ANT0

=Full power

LTE B26 ANT2

=Full power

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LTE B38 ANT1

Band 38					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2617.5	23.83	23.70	23.93
		2595	23.94	23.79	23.99
		2572.5	23.81	23.80	24.02
	1RB-Middle (12)	2617.5	23.82	23.61	23.62
		2595	23.91	23.59	23.69
		2572.5	23.88	23.66	23.63
	1RB-Low (0)	2617.5	23.87	23.68	23.98
		2595	23.96	23.68	23.85
		2572.5	23.86	23.69	23.94
	12RB-High (13)	2617.5	23.62	22.60	22.66
		2595	23.61	22.58	22.68
		2572.5	23.64	22.58	22.66
	12RB-Middle (6)	2617.5	23.66	22.61	22.73
		2595	23.54	22.54	22.61
		2572.5	23.71	22.63	22.73
	12RB-Low (0)	2617.5	23.62	22.62	22.71
		2595	23.56	22.52	22.61
		2572.5	23.62	22.66	22.73
	25RB (0)	2617.5	23.63	22.69	22.63
		2595	23.55	22.61	22.56
		2572.5	23.65	22.69	22.64
10MHz	1RB-High (49)	2615	23.84	23.58	23.78
		2595	23.87	23.59	23.86
		2575	23.82	23.62	23.77
	1RB-Middle (24)	2615	23.82	23.58	23.77
		2595	23.82	23.60	23.93
		2575	23.70	23.60	23.79
	1RB-Low (0)	2615	23.94	23.63	23.82
		2595	23.93	23.70	23.87
		2575	23.92	23.69	23.92
	25RB-High (25)	2615	23.59	22.61	22.58
		2595	23.59	22.67	22.59
		2575	23.59	22.68	22.59
	25RB-Middle (12)	2615	23.56	22.63	22.51
		2595	23.56	22.65	22.57
		2575	23.65	22.75	22.69
	25RB-Low (0)	2615	23.54	22.66	22.58
		2595	23.55	22.65	22.54
		2575	23.63	22.72	22.68
	50RB (0)	2615	23.62	22.61	22.54
		2595	23.59	22.66	22.56

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		2575	23.68	22.77	22.64
15MHz	1RB-High (74)	2612.5	23.67	23.52	23.84
		2595	23.69	23.60	22.28
		2577.5	23.71	23.61	22.30
	1RB-Middle (37)	2612.5	23.71	23.53	23.89
		2595	23.72	23.67	22.29
		2577.5	23.69	23.57	22.32
	1RB-Low (0)	2612.5	23.79	23.57	23.96
		2595	23.77	23.67	22.31
		2577.5	23.75	23.62	22.33
	36RB-High (38)	2612.5	23.50	22.50	22.48
		2595	23.50	22.51	21.57
		2577.5	23.49	22.51	21.58
	36RB-Middle (19)	2612.5	23.49	22.48	22.45
		2595	23.50	22.52	21.53
		2577.5	23.57	22.60	21.65
	36RB-Low (0)	2612.5	23.50	22.42	22.47
		2595	23.51	22.47	21.53
		2577.5	23.53	22.50	21.62
	75RB (0)	2612.5	23.39	22.45	22.42
		2595	23.40	22.51	21.47
		2577.5	23.55	22.60	21.66
20MHz	1RB-High (99)	2610	23.73	23.34	23.55
		2595	23.83	23.28	23.60
		2580	23.74	23.30	23.55
	1RB-Middle (50)	2610	23.69	23.27	23.51
		2595	23.71	23.25	23.62
		2580	23.71	23.24	23.56
	1RB-Low (0)	2610	23.68	23.24	23.66
		2595	23.75	23.22	23.64
		2580	23.64	23.14	23.64
	50RB-High (50)	2610	23.60	22.24	22.87
		2595	23.56	22.25	22.95
		2580	23.54	22.08	22.96
	50RB-Middle (25)	2610	23.62	22.23	22.92
		2595	23.52	22.23	22.92
		2580	23.55	22.14	23.02
	50RB-Low (0)	2610	23.55	22.12	22.95
		2595	23.54	22.18	22.97
		2580	23.43	22.02	22.94
	100RB (0)	2610	23.53	22.16	22.98
		2595	23.49	22.12	23.04
		2580	23.48	22.08	23.10

LTE B38 ANT6

Band 38			
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)

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	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2617.5	18.72	18.87	18.47
		2595	18.64	18.73	18.39
		2572.5	18.68	18.81	18.48
	1RB-Middle (12)	2617.5	18.80	18.83	18.51
		2595	18.95	18.76	18.42
		2572.5	18.68	18.79	18.53
	1RB-Low (0)	2617.5	18.72	18.87	18.43
		2595	18.67	18.77	18.33
		2572.5	18.76	18.91	18.44
	12RB-High (13)	2617.5	18.71	18.69	18.81
		2595	18.68	18.65	18.78
		2572.5	18.71	18.70	18.82
	12RB-Middle (6)	2617.5	18.68	18.75	18.82
		2595	18.61	18.62	18.70
		2572.5	18.76	18.72	18.89
	12RB-Low (0)	2617.5	18.74	18.70	18.76
		2595	18.64	18.57	18.68
		2572.5	18.75	18.73	18.80
	25RB (0)	2617.5	18.71	18.68	18.82
		2595	18.63	18.62	18.69
		2572.5	18.70	18.77	18.79
10MHz	1RB-High (49)	2615	18.58	18.76	18.55
		2595	18.59	18.71	18.37
		2575	18.57	18.71	18.33
	1RB-Middle (24)	2615	18.57	18.76	18.43
		2595	18.62	18.73	18.38
		2575	18.58	18.74	18.38
	1RB-Low (0)	2615	18.67	18.87	18.37
		2595	18.62	18.80	18.38
		2575	18.69	18.87	18.50
	25RB-High (25)	2615	18.75	18.68	18.79
		2595	18.68	18.67	18.77
		2575	18.70	18.73	18.82
	25RB-Middle (12)	2615	18.63	18.71	18.80
		2595	18.67	18.70	18.74
		2575	18.75	18.76	18.90
	25RB-Low (0)	2615	18.67	18.70	18.82
		2595	18.67	18.73	18.76
		2575	18.76	18.82	18.87
	50RB (0)	2615	18.67	18.71	18.73
		2595	18.64	18.67	18.70
		2575	18.73	18.78	18.83
15MHz	1RB-High (74)	2612.5	18.47	18.66	18.25
		2595	18.47	18.63	18.22
		2577.5	18.51	18.62	18.23
	1RB-Middle	2612.5	18.47	18.66	18.26

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	(37)	2595	18.50	18.66	18.23
		2577.5	18.54	18.65	18.24
	1RB-Low (0)	2612.5	18.55	18.69	18.25
		2595	18.57	18.70	18.24
		2577.5	18.62	18.76	18.33
	36RB-High (38)	2612.5	18.53	18.56	18.61
		2595	18.55	18.56	18.54
		2577.5	18.55	18.56	18.57
	36RB-Middle (19)	2612.5	18.52	18.54	18.61
		2595	18.53	18.55	18.59
		2577.5	18.68	18.65	18.69
	36RB-Low (0)	2612.5	18.52	18.51	18.58
		2595	18.47	18.49	18.57
		2577.5	18.56	18.54	18.64
	75RB (0)	2612.5	18.49	18.54	18.58
		2595	18.50	18.52	18.57
		2577.5	18.63	18.66	18.70
20MHz	1RB-High (99)	2610	18.42	18.50	18.02
		2595	18.33	18.49	18.02
		2580	18.32	18.49	18.08
	1RB-Middle (50)	2610	18.43	18.55	18.07
		2595	18.39	18.52	18.03
		2580	18.40	18.52	18.10
	1RB-Low (0)	2610	18.45	18.55	18.13
		2595	18.46	18.57	18.16
		2580	18.48	18.69	18.20
	50RB-High (50)	2610	18.43	18.49	18.36
		2595	18.41	18.42	18.35
		2580	18.45	18.47	18.38
	50RB-Middle (25)	2610	18.47	18.48	18.43
		2595	18.42	18.41	18.32
		2580	18.50	18.50	18.41
	50RB-Low (0)	2610	18.38	18.42	18.33
		2595	18.42	18.40	18.32
		2580	18.45	18.47	18.41
	100RB (0)	2610	18.40	18.43	18.41
		2595	18.39	18.40	18.36
		2580	18.47	18.48	18.50

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Band 41					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2687.5 (41565)	23.54	23.89	23.66
		2640.3(41093)	23.52	23.57	23.68
		2593 (40620)	23.52	23.86	23.64

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	(24)	2545.8(40148)	23.59	23.77	23.72
		2498.5 (39675)	23.50	23.65	23.65
	1RB-Middle (12)	2687.5 (41565)	23.56	23.69	23.61
		2640.3(41093)	23.56	23.65	23.60
		2593 (40620)	23.73	23.68	23.61
		2545.8(40148)	23.53	23.68	23.56
		2498.5 (39675)	23.74	23.69	23.48
	1RB-Low (0)	2687.5 (41565)	23.58	23.62	23.70
		2640.3(41093)	23.55	23.67	23.71
		2593 (40620)	23.57	23.58	23.68
		2545.8(40148)	23.49	23.58	23.69
		2498.5 (39675)	23.57	23.63	23.56
	12RB-High (13)	2687.5 (41565)	23.62	22.56	22.55
		2640.3(41093)	23.62	22.57	22.58
		2593 (40620)	23.62	22.56	22.59
		2545.8(40148)	23.58	22.55	22.60
		2498.5 (39675)	23.57	22.55	22.61
	12RB-Middle (6)	2687.5 (41565)	23.64	22.59	22.65
		2640.3(41093)	23.64	22.58	22.66
		2593 (40620)	23.64	22.60	22.70
		2545.8(40148)	23.47	22.49	22.49
		2498.5 (39675)	23.63	22.61	22.61
	12RB-Low (0)	2687.5 (41565)	23.65	22.56	22.62
		2640.3(41093)	23.63	22.55	22.64
		2593 (40620)	23.64	22.58	22.67
		2545.8(40148)	23.55	22.47	22.58
		2498.5 (39675)	23.60	22.54	22.62
	25RB (0)	2687.5 (41565)	23.60	22.61	22.60
		2640.3(41093)	23.60	22.57	22.58
		2593 (40620)	23.60	22.67	22.57
		2545.8(40148)	23.51	22.50	22.44
		2498.5 (39675)	23.58	22.61	22.56
10MHz	1RB-High (49)	2685 (41540)	23.31	23.33	23.33
		2639(41080)	23.31	23.36	23.37
		2593 (40620)	23.27	23.36	23.30
		2547(40160)	23.55	23.58	23.48
		2501 (39700)	23.51	23.56	23.54
	1RB-Middle (24)	2685 (41540)	23.54	23.61	23.59
		2639(41080)	23.57	23.62	23.64
		2593 (40620)	23.51	23.58	23.62
		2547(40160)	23.53	23.59	23.58
		2501 (39700)	23.47	23.51	23.60
	1RB-Low (0)	2685 (41540)	23.35	23.43	23.37
		2639(41080)	23.33	23.42	23.31
		2593 (40620)	23.32	23.40	23.37
		2547(40160)	23.53	23.67	23.64
		2501 (39700)	23.61	23.59	23.60
	25RB-High	2685 (41540)	23.54	22.58	22.52

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	(25)	2639(41080)	23.56	22.58	22.57
		2593 (40620)	23.53	22.57	22.47
		2547(40160)	23.63	22.68	22.63
		2501 (39700)	23.55	22.51	22.55
	25RB-Middle (12)	2685 (41540)	23.66	22.67	22.63
		2639(41080)	23.68	22.71	22.60
		2593 (40620)	23.62	22.71	22.59
		2547(40160)	23.53	22.60	22.56
		2501 (39700)	23.61	22.63	22.63
	25RB-Low (0)	2685 (41540)	23.47	22.60	22.49
		2639(41080)	23.56	22.65	22.50
		2593 (40620)	23.50	22.53	22.51
		2547(40160)	23.53	22.55	22.52
		2501 (39700)	23.59	22.65	22.59
	50RB (0)	2685 (41540)	23.53	22.55	22.44
		2639(41080)	23.58	22.64	22.52
		2593 (40620)	23.59	22.63	22.51
		2547(40160)	23.59	22.58	22.52
		2501 (39700)	23.55	22.64	22.54
15MHz	1RB-High (74)	2682.5 (41515)	23.47	23.53	23.53
		2637.8(41068)	23.22	23.30	23.31
		2593 (40620)	23.28	23.39	23.37
		2548.3(40173)	23.45	23.55	23.54
		2503.5 (39725)	23.31	23.42	23.34
	1RB-Middle (37)	2682.5 (41515)	23.52	23.64	23.65
		2637.8(41068)	23.48	23.59	23.54
		2593 (40620)	23.48	23.56	23.53
		2548.3(40173)	23.35	23.53	23.44
		2503.5 (39725)	23.31	23.45	23.43
	1RB-Low (0)	2682.5 (41515)	23.27	23.39	23.36
		2637.8(41068)	23.31	23.49	23.41
		2593 (40620)	23.30	23.40	23.35
		2548.3(40173)	23.46	23.56	23.49
		2503.5 (39725)	23.29	23.49	23.57
	36RB-High (38)	2682.5 (41515)	23.54	22.52	22.56
		2637.8(41068)	23.46	22.46	22.45
		2593 (40620)	23.52	22.51	22.52
		2548.3(40173)	23.55	22.53	22.57
		2503.5 (39725)	23.41	22.43	22.45
	36RB-Middle (19)	2682.5 (41515)	23.53	22.46	22.45
		2637.8(41068)	23.54	22.53	22.53
		2593 (40620)	23.59	22.58	22.58
		2548.3(40173)	23.53	22.54	22.52
		2503.5 (39725)	23.45	22.48	22.47
	36RB-Low (0)	2682.5 (41515)	23.42	22.35	22.34
		2637.8(41068)	23.51	22.52	22.50
		2593 (40620)	23.42	22.42	22.41
		2548.3(40173)	23.44	22.46	22.47

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		2503.5 (39725)	23.38	22.36	22.41
	75RB (0)	2682.5 (41515)	23.45	22.46	22.46
		2637.8(41068)	23.48	22.53	22.50
		2593 (40620)	23.51	22.54	22.53
		2548.3(40173)	23.46	22.50	22.47
		2503.5 (39725)	23.46	22.54	22.50
20MHz	1RB-High (99)	2680 (41490)	23.51	23.51	23.40
		2636.5(41055)	23.33	23.07	23.26
		2593 (40620)	23.24	23.12	23.11
		2549.5(40185)	23.20	23.08	23.43
		2506 (39750)	23.30	23.03	23.23
	1RB-Middle (50)	2680 (41490)	23.58	23.55	23.51
		2636.5(41055)	23.70	23.47	23.38
		2593 (40620)	23.43	23.37	23.47
		2549.5(40185)	23.17	23.12	23.34
		2506 (39750)	23.30	23.03	23.33
	1RB-Low (0)	2680 (41490)	23.19	23.10	23.14
		2636.5(41055)	23.43	23.16	23.18
		2593 (40620)	23.06	22.99	23.10
		2549.5(40185)	23.19	23.09	23.33
		2506 (39750)	23.27	23.04	23.44
	50RB-High (50)	2680 (41490)	23.73	22.45	22.92
		2636.5(41055)	23.60	22.41	22.77
		2593 (40620)	23.46	22.43	22.86
		2549.5(40185)	23.31	22.20	22.90
		2506 (39750)	23.44	22.22	22.87
	50RB-Middle (25)	2680 (41490)	23.70	22.46	22.93
		2636.5(41055)	23.75	22.54	22.89
		2593 (40620)	23.53	22.32	22.96
		2549.5(40185)	23.42	22.24	22.92
		2506 (39750)	23.35	22.23	22.90
	50RB-Low (0)	2680 (41490)	23.43	22.24	22.74
		2636.5(41055)	23.58	22.43	22.85
		2593 (40620)	23.27	22.15	22.81
		2549.5(40185)	23.35	22.15	22.85
		2506 (39750)	23.27	22.16	22.84
	100RB (0)	2680 (41490)	23.55	22.36	23.01
		2636.5(41055)	23.63	22.50	22.91
		2593 (40620)	23.47	22.30	22.99
		2549.5(40185)	23.43	22.19	22.94
		2506 (39750)	23.33	22.18	23.00

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Band 41					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM

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5MHz	1RB-High (24)	2687.5 (41565)	18.24	18.32	18.10
		2640.3(41093)	18.49	18.62	18.29
		2593 (40620)	18.46	18.61	18.20
		2545.8(40148)	18.76	18.82	18.44
		2498.5 (39675)	18.65	18.77	18.41
	1RB-Middle (12)	2687.5 (41565)	18.45	18.36	18.35
		2640.3(41093)	18.48	18.67	18.33
		2593 (40620)	18.68	18.62	18.35
		2545.8(40148)	18.94	18.79	18.51
		2498.5 (39675)	18.87	18.73	18.51
	1RB-Low (0)	2687.5 (41565)	18.27	18.34	18.12
		2640.3(41093)	18.53	18.65	18.32
		2593 (40620)	18.49	18.61	18.17
		2545.8(40148)	18.66	18.79	18.32
		2498.5 (39675)	18.64	18.74	18.33
	12RB-High (13)	2687.5 (41565)	18.28	18.24	18.36
		2640.3(41093)	18.60	18.55	18.69
		2593 (40620)	18.55	18.49	18.59
		2545.8(40148)	18.72	18.71	18.82
		2498.5 (39675)	18.72	18.65	18.79
	12RB-Middle (6)	2687.5 (41565)	18.31	18.29	18.25
		2640.3(41093)	18.61	18.57	18.71
		2593 (40620)	18.56	18.56	18.71
		2545.8(40148)	18.68	18.63	18.75
		2498.5 (39675)	18.71	18.68	18.77
	12RB-Low (0)	2687.5 (41565)	18.34	18.25	18.26
		2640.3(41093)	18.61	18.59	18.64
		2593 (40620)	18.57	18.54	18.67
		2545.8(40148)	18.66	18.62	18.77
		2498.5 (39675)	18.73	18.59	18.74
	25RB (0)	2687.5 (41565)	18.32	18.32	18.27
		2640.3(41093)	18.57	18.59	18.61
		2593 (40620)	18.58	18.56	18.64
		2545.8(40148)	18.65	18.68	18.76
		2498.5 (39675)	18.74	18.72	18.72
10MHz	1RB-High (49)	2685 (41540)	17.97	18.11	17.82
		2639(41080)	18.24	18.34	18.07
		2593 (40620)	18.21	18.35	18.05
		2547(40160)	18.65	18.76	18.53
		2501 (39700)	18.64	18.81	18.56
	1RB-Middle (24)	2685 (41540)	18.22	18.39	18.05
		2639(41080)	18.49	18.63	18.32
		2593 (40620)	18.46	18.60	18.33
		2547(40160)	18.68	18.78	18.49
		2501 (39700)	18.60	18.79	18.45
	1RB-Low (0)	2685 (41540)	18.01	18.19	17.90
		2639(41080)	18.29	18.43	18.16
		2593 (40620)	18.23	18.40	18.14

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		2547(40160)	18.72	18.89	18.62
		2501 (39700)	18.69	18.85	18.59
	25RB-High (25)	2685 (41540)	18.25	18.26	18.22
		2639(41080)	18.53	18.50	18.47
		2593 (40620)	18.49	18.50	18.49
		2547(40160)	18.79	18.76	18.76
		2501 (39700)	18.73	18.76	18.70
	25RB-Middle (12)	2685 (41540)	18.42	18.42	18.31
		2639(41080)	18.66	18.63	18.61
		2593 (40620)	18.61	18.64	18.58
		2547(40160)	18.72	18.65	18.69
		2501 (39700)	18.77	18.81	18.77
	25RB-Low (0)	2685 (41540)	18.19	18.21	18.18
		2639(41080)	18.54	18.60	18.49
		2593 (40620)	18.45	18.51	18.43
		2547(40160)	18.67	18.73	18.65
		2501 (39700)	18.77	18.79	18.69
	50RB (0)	2685 (41540)	18.19	18.25	18.18
		2639(41080)	18.53	18.56	18.53
		2593 (40620)	18.53	18.60	18.50
		2547(40160)	18.72	18.72	18.65
		2501 (39700)	18.76	18.76	18.73
15MHz	1RB-High (74)	2682.5 (41515)	18.12	18.23	17.82
		2637.8(41068)	18.13	18.26	17.93
		2593 (40620)	18.22	18.34	18.01
		2548.3(40173)	18.58	18.62	18.28
		2503.5 (39725)	18.44	18.55	18.19
	1RB-Middle (37)	2682.5 (41515)	18.10	18.27	17.90
		2637.8(41068)	18.43	18.55	18.19
		2593 (40620)	18.37	18.50	18.18
		2548.3(40173)	18.50	18.64	18.28
		2503.5 (39725)	18.44	18.56	18.22
	1RB-Low (0)	2682.5 (41515)	17.94	18.10	17.72
		2637.8(41068)	18.35	18.46	18.15
		2593 (40620)	18.21	18.35	17.98
		2548.3(40173)	18.62	18.72	18.41
		2503.5 (39725)	18.48	18.59	18.26
	36RB-High (38)	2682.5 (41515)	18.24	18.20	18.24
		2637.8(41068)	18.42	18.40	18.42
		2593 (40620)	18.43	18.38	18.45
		2548.3(40173)	18.63	18.60	18.66
		2503.5 (39725)	18.58	18.57	18.55
	36RB-Middle (19)	2682.5 (41515)	18.17	18.12	18.14
		2637.8(41068)	18.48	18.45	18.51
		2593 (40620)	18.48	18.51	18.51
		2548.3(40173)	18.69	18.60	18.64
		2503.5 (39725)	18.57	18.55	18.61
	36RB-Low	2682.5 (41515)	18.10	18.05	18.09

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	(0)	2637.8(41068)	18.47	18.45	18.47
		2593 (40620)	18.30	18.28	18.32
		2548.3(40173)	18.61	18.52	18.57
		2503.5 (39725)	18.48	18.46	18.49
	75RB (0)	2682.5 (41515)	18.12	18.15	18.16
		2637.8(41068)	18.45	18.49	18.50
		2593 (40620)	18.45	18.49	18.46
		2548.3(40173)	18.63	18.60	18.62
		2503.5 (39725)	18.60	18.63	18.63
20MHz	1RB-High (99)	2680 (41490)	18.02	18.09	17.75
		2636.5(41055)	17.99	17.92	17.62
		2593 (40620)	18.03	18.06	17.76
		2549.5(40185)	18.44	18.44	18.15
		2506 (39750)	18.54	18.51	18.19
	1RB-Middle (50)	2680 (41490)	18.20	18.20	17.91
		2636.5(41055)	18.41	18.45	18.13
		2593 (40620)	18.37	18.41	18.01
		2549.5(40185)	18.55	18.49	18.18
		2506 (39750)	18.55	18.49	18.19
	1RB-Low (0)	2680 (41490)	17.81	17.87	17.65
		2636.5(41055)	18.21	18.24	17.87
		2593 (40620)	18.06	18.10	17.69
		2549.5(40185)	18.58	18.54	18.21
		2506 (39750)	18.53	18.54	18.13
	50RB-High (50)	2680 (41490)	18.20	18.26	18.28
		2636.5(41055)	18.32	18.36	18.35
		2593 (40620)	18.31	18.38	18.40
		2549.5(40185)	18.55	18.60	18.67
		2506 (39750)	18.60	18.66	18.66
	50RB-Middle (25)	2680 (41490)	18.25	18.32	18.34
		2636.5(41055)	18.47	18.52	18.53
		2593 (40620)	18.39	18.47	18.48
		2549.5(40185)	18.64	18.66	18.67
		2506 (39750)	18.63	18.67	18.69
	50RB-Low (0)	2680 (41490)	18.04	18.09	18.13
		2636.5(41055)	18.39	18.46	18.49
		2593 (40620)	18.20	18.26	18.38
		2549.5(40185)	18.60	18.59	18.65
		2506 (39750)	18.58	18.61	18.65
	100RB (0)	2680 (41490)	18.17	18.26	18.24
		2636.5(41055)	18.41	18.46	18.44
		2593 (40620)	18.33	18.42	18.41
		2549.5(40185)	18.59	18.64	18.62
		2506 (39750)	18.67	18.69	18.70

LTE B66 ANT1

=Full power

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LTE B66 ANT6

Band 66					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1779.3	19.71	20.03	19.77
		1745	19.64	19.91	19.85
		1710.7	19.87	20.17	19.94
	1RB-Middle (3)	1779.3	19.77	19.99	20.11
		1745	19.93	19.83	20.05
		1710.7	19.98	20.24	19.87
	1RB-Low (0)	1779.3	19.71	19.86	19.78
		1745	19.67	20.00	19.86
		1710.7	19.88	20.24	20.05
	3RB-High (3)	1779.3	19.64	19.79	19.75
		1745	19.75	19.80	19.74
		1710.7	19.77	19.86	19.86
	3RB-Middle (1)	1779.3	19.71	19.90	19.79
		1745	19.68	19.76	19.69
		1710.7	19.73	19.89	19.84
	3RB-Low (0)	1779.3	19.62	19.73	19.81
		1745	19.63	19.58	19.91
		1710.7	19.78	19.83	19.77
	6RB (0)	1779.3	19.63	19.52	19.69
		1745	19.67	19.73	19.74
		1710.7	19.75	19.83	19.49
3MHz	1RB-High (14)	1778.5	19.64	19.78	19.93
		1745	19.86	19.96	20.18
		1711.5	20.03	19.95	20.06
	1RB-Middle (7)	1778.5	19.58	19.99	20.01
		1745	19.76	19.92	19.90
		1711.5	19.86	19.93	20.03
	1RB-Low (0)	1778.5	19.85	19.91	19.81
		1745	19.94	19.92	19.84
		1711.5	19.64	19.95	19.98
	8RB-High (7)	1778.5	19.74	19.79	19.84
		1745	19.86	19.78	19.87
		1711.5	19.94	19.81	19.88
	8RB-Middle (4)	1778.5	19.75	19.75	19.79
		1745	19.92	19.92	19.82
		1711.5	19.89	19.94	19.83
	8RB-Low (0)	1778.5	19.83	19.76	19.82
		1745	19.74	19.75	19.87
		1711.5	19.92	19.97	19.92
	15RB (0)	1778.5	19.80	19.70	19.85
		1745	19.82	19.83	19.97

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		1711.5	19.86	19.80	19.95
5MHz	1RB-High (24)	1777.5	19.63	20.13	19.93
		1745	19.75	19.96	19.97
		1712.5	19.97	20.16	20.04
	1RB-Middle (12)	1777.5	19.67	19.99	19.57
		1745	19.68	19.88	19.94
		1712.5	19.71	20.00	19.66
	1RB-Low (0)	1777.5	19.90	19.88	20.01
		1745	20.00	20.00	19.86
		1712.5	20.03	20.04	20.23
	12RB-High (13)	1777.5	19.69	19.81	19.85
		1745	19.78	19.60	19.83
		1712.5	19.87	19.69	19.87
	12RB-Middle (6)	1777.5	19.73	19.85	19.88
		1745	19.86	19.82	19.83
		1712.5	19.92	19.87	19.85
	12RB-Low (0)	1777.5	19.76	19.70	19.71
		1745	19.84	19.76	19.81
		1712.5	19.96	20.00	19.75
	25RB (0)	1777.5	19.59	19.80	19.69
		1745	19.84	19.86	19.75
		1712.5	19.93	19.89	19.89
10MHz	1RB-High (49)	1775	19.64	19.88	19.64
		1745	19.69	19.93	19.67
		1715	19.85	19.86	19.95
	1RB-Middle (24)	1775	19.63	19.98	20.03
		1745	19.82	19.88	19.92
		1715	19.85	20.21	19.95
	1RB-Low (0)	1775	19.60	19.85	19.68
		1745	19.68	19.94	19.86
		1715	19.80	19.99	20.29
	25RB-High (25)	1775	19.80	19.81	19.82
		1745	19.85	19.89	19.89
		1715	19.88	19.95	19.92
	25RB-Middle (12)	1775	19.76	19.66	19.76
		1745	19.89	19.85	19.87
		1715	19.94	19.88	19.93
	25RB-Low (0)	1775	19.72	19.71	19.68
		1745	19.74	19.73	19.90
		1715	19.88	19.85	20.01
	50RB (0)	1775	19.73	19.67	19.66
		1745	19.81	19.83	19.87
		1715	19.92	19.93	19.98
15MHz	1RB-High (74)	1772.5	19.46	19.74	19.95
		1745	19.49	19.90	19.65
		1717.5	19.50	20.00	19.80
	1RB-Middle (37)	1772.5	19.54	19.82	19.53
		1745	19.56	19.89	19.76

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		1717.5	19.62	19.97	19.79
	1RB-Low (0)	1772.5	19.68	19.86	19.95
		1745	19.59	19.76	19.75
		1717.5	19.62	19.86	19.89
	36RB-High (38)	1772.5	19.62	19.61	19.67
		1745	19.69	19.74	19.76
		1717.5	19.77	19.71	19.70
	36RB-Middle (19)	1772.5	19.62	19.62	19.68
		1745	19.62	19.72	19.66
		1717.5	19.79	19.80	19.73
	36RB-Low (0)	1772.5	19.62	19.60	19.59
		1745	19.61	19.64	19.66
		1717.5	19.74	19.83	19.78
	75RB (0)	1772.5	19.65	19.60	19.55
		1745	19.74	19.72	19.64
		1717.5	19.75	19.76	19.76
20MHz	1RB-High (99)	1770	19.58	19.82	19.89
		1745	19.47	19.79	19.61
		1720	19.53	19.86	19.98
	1RB-Middle (50)	1770	19.48	19.69	19.92
		1745	19.49	19.81	19.94
		1720	19.61	19.82	19.86
	1RB-Low (0)	1770	19.61	19.92	19.60
		1745	19.55	19.74	19.86
		1720	19.62	19.71	19.94
	50RB-High (50)	1770	19.56	19.50	19.53
		1745	19.54	19.62	19.54
		1720	19.74	19.74	19.71
	50RB-Middle (25)	1770	19.60	19.62	19.68
		1745	19.63	19.61	19.65
		1720	19.67	19.72	19.80
	50RB-Low (0)	1770	19.58	19.62	19.55
		1745	19.51	19.63	19.69
		1720	19.68	19.65	19.65
	100RB (0)	1770	19.57	19.54	19.48
		1745	19.65	19.64	19.56
		1720	19.73	19.76	19.73

Measured Plimit for DSI3

LTE B2 ANT1

Band 2			
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)

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	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1909.3	22.16	21.75	21.82
		1880	22.30	22.52	22.45
		1850.7	22.36	22.44	22.46
	1RB-Middle (3)	1909.3	22.56	22.00	21.86
		1880	22.73	22.55	22.66
		1850.7	22.79	22.57	22.49
	1RB-Low (0)	1909.3	22.34	21.93	21.90
		1880	22.52	22.45	22.43
		1850.7	22.39	22.56	22.64
	3RB-High (3)	1909.3	22.28	21.56	21.74
		1880	22.39	22.23	22.39
		1850.7	22.35	22.20	22.41
	3RB-Middle (1)	1909.3	22.47	21.83	21.64
		1880	22.52	22.41	22.44
		1850.7	22.56	22.26	22.33
	3RB-Low (0)	1909.3	22.33	21.81	21.70
		1880	22.50	22.38	22.38
		1850.7	22.43	22.31	22.31
	6RB (0)	1909.3	21.63	21.23	21.21
		1880	22.32	21.35	21.24
		1850.7	22.31	21.38	21.55
3MHz	1RB-High (14)	1908.5	22.30	21.96	21.79
		1880	22.40	22.55	21.64
		1851.5	22.40	22.60	21.58
	1RB-Middle (7)	1908.5	22.29	21.90	21.63
		1880	22.39	22.59	21.58
		1851.5	22.34	22.38	21.40
	1RB-Low (0)	1908.5	22.50	22.08	21.95
		1880	22.49	22.52	21.53
		1851.5	22.65	22.73	21.64
	8RB-High (7)	1908.5	21.74	20.75	21.53
		1880	22.30	21.40	20.38
		1851.5	22.33	21.30	20.36
	8RB-Middle (4)	1908.5	21.75	20.77	21.34
		1880	22.42	21.50	20.33
		1851.5	22.42	21.43	20.34
	8RB-Low (0)	1908.5	21.86	20.90	20.87
		1880	22.34	21.46	20.38
		1851.5	22.38	21.40	20.51
	15RB (0)	1908.5	21.75	20.76	20.78
		1880	22.33	21.30	20.31
		1851.5	22.33	21.39	20.41
5MHz	1RB-High (24)	1912.5	22.35	21.97	21.83
		1882.5	22.43	22.63	22.51
		1852.5	22.38	22.47	21.49
	1RB-Middle	1912.5	22.32	22.02	21.62

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	(12)	1882.5	22.42	22.64	22.36
		1852.5	22.42	22.35	21.56
	1RB-Low (0)	1912.5	22.38	21.95	22.03
		1882.5	22.52	22.52	22.50
		1852.5	22.49	22.55	21.57
	12RB-High (13)	1912.5	21.72	20.76	20.75
		1882.5	22.33	21.43	21.32
		1852.5	22.21	21.34	20.32
	12RB-Middle (6)	1912.5	21.81	20.86	20.82
		1882.5	22.28	21.40	21.21
		1852.5	22.36	21.41	20.35
	12RB-Low (0)	1912.5	21.83	20.90	20.81
		1882.5	22.26	21.18	20.98
		1852.5	22.39	21.41	20.45
	25RB (0)	1912.5	21.70	20.78	20.69
		1882.5	22.33	21.27	20.17
		1852.5	22.40	21.34	20.41
10MHz	1RB-High (49)	1910	22.37	21.98	21.62
		1882.5	22.49	22.63	22.17
		1855	22.42	22.57	22.38
	1RB-Middle (24)	1910	22.37	22.08	21.84
		1882.5	22.44	22.43	22.55
		1855	22.51	22.47	22.48
	1RB-Low (0)	1910	22.32	22.20	21.83
		1882.5	22.47	22.66	22.40
		1855	22.54	22.68	22.48
	25RB-High (25)	1910	21.74	20.74	20.66
		1882.5	22.39	21.30	21.42
		1855	22.38	21.42	21.33
	25RB-Middle (12)	1910	21.84	20.86	20.89
		1882.5	22.38	21.32	21.32
		1855	22.45	21.40	21.51
	25RB-Low (0)	1910	21.72	20.77	20.76
		1882.5	22.27	21.41	21.41
		1855	22.40	21.46	21.40
	50RB (0)	1910	21.65	20.76	20.75
		1882.5	22.30	21.26	21.37
		1855	22.44	21.40	21.34
15MHz	1RB-High (74)	1907.5	22.23	21.88	21.74
		1882.5	22.27	22.51	22.28
		1857.5	22.42	22.46	22.31
	1RB-Middle (37)	1907.5	22.19	21.80	21.85
		1882.5	22.42	22.49	22.37
		1857.5	22.41	22.57	22.26
	1RB-Low (0)	1907.5	22.27	21.83	21.81
		1882.5	22.43	22.46	22.27
		1857.5	22.45	22.58	22.38
	36RB-High	1907.5	21.68	20.69	20.71

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	(38)	1882.5	22.27	21.28	21.30
		1857.5	22.33	21.26	21.30
	36RB-Middle (19)	1907.5	21.66	20.69	20.62
		1882.5	22.18	21.21	21.23
		1857.5	22.35	21.30	21.32
	36RB-Low (0)	1907.5	21.74	20.61	20.65
		1882.5	22.30	21.15	21.24
		1857.5	22.32	21.35	21.31
	75RB (0)	1907.5	21.70	20.71	20.63
		1882.5	22.23	21.27	21.21
		1857.5	22.32	21.32	21.28
20MHz	1RB-High (99)	1905	22.24	21.89	21.81
		1882.5	22.35	22.55	22.40
		1860	22.31	22.46	22.39
	1RB-Middle (50)	1905	22.29	22.03	21.81
		1882.5	22.30	22.39	22.31
		1860	22.33	22.45	22.35
	1RB-Low (0)	1905	22.33	22.03	21.82
		1882.5	22.32	22.47	22.33
		1860	22.27	22.48	22.39
	50RB-High (50)	1905	21.79	20.71	20.74
		1882.5	22.33	21.21	21.27
		1860	22.29	21.37	21.27
	50RB-Middle (25)	1905	21.78	20.74	20.74
		1882.5	22.28	21.26	21.19
		1860	22.32	21.31	21.30
	50RB-Low (0)	1905	21.71	20.76	20.68
		1882.5	22.18	21.27	21.21
		1860	22.18	21.29	21.28
	100RB (0)	1905	21.78	20.75	20.76
		1882.5	22.22	21.20	21.22
		1860	22.35	21.31	21.34

LTE B2 ANT6

Band 2					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1909.3	19.44	19.67	19.68
		1880	19.58	19.75	19.61
		1850.7	19.55	19.79	19.89
	1RB-Middle (3)	1909.3	19.68	19.70	19.57
		1880	19.96	19.92	19.85
		1850.7	19.84	19.80	19.95

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	1RB-Low (0)	1909.3	19.38	19.72	19.68
		1880	19.69	19.94	19.88
		1850.7	19.64	19.85	19.81
	3RB-High (3)	1909.3	19.44	19.38	19.54
		1880	19.47	19.61	19.65
		1850.7	19.59	19.79	19.71
	3RB-Middle (1)	1909.3	19.52	19.39	19.30
		1880	19.61	19.24	19.76
		1850.7	19.80	19.45	19.77
	3RB-Low (0)	1909.3	19.50	19.56	19.57
		1880	19.48	19.72	19.83
		1850.7	19.68	20.01	19.82
	6RB (0)	1909.3	19.48	19.61	19.74
		1880	19.64	19.65	19.58
		1850.7	19.70	19.83	19.64
3MHz	1RB-High (14)	1908.5	19.36	19.82	19.61
		1880	19.44	19.83	19.81
		1851.5	19.59	19.88	19.81
	1RB-Middle (7)	1908.5	19.43	19.92	19.33
		1880	19.47	20.09	19.62
		1851.5	19.50	19.93	19.77
	1RB-Low (0)	1908.5	19.63	19.75	19.77
		1880	19.76	19.85	19.84
		1851.5	19.78	19.96	19.95
	8RB-High (7)	1908.5	19.52	19.60	19.53
		1880	19.61	19.81	19.57
		1851.5	19.72	19.66	19.85
	8RB-Middle (4)	1908.5	19.64	19.68	19.54
		1880	19.69	19.71	19.69
		1851.5	19.73	19.79	19.76
	8RB-Low (0)	1908.5	19.67	19.56	19.67
		1880	19.62	19.70	19.61
		1851.5	19.82	19.99	19.89
	15RB (0)	1908.5	19.58	19.54	19.54
		1880	19.63	19.68	19.57
		1851.5	19.82	19.75	19.75
5MHz	1RB-High (24)	1907.5	19.49	19.75	19.66
		1880	19.55	19.86	19.76
		1852.5	19.72	19.91	19.90
	1RB-Middle (12)	1907.5	19.47	19.85	19.52
		1880	19.52	19.89	19.65
		1852.5	19.57	19.85	19.61
	1RB-Low (0)	1907.5	19.58	19.77	19.67
		1880	19.63	19.95	19.81
		1852.5	19.71	19.95	19.96
	12RB-High (13)	1907.5	19.53	19.53	19.51
		1880	19.71	19.60	19.53
		1852.5	19.76	19.84	19.74

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	12RB-Middle (6)	1907.5	19.64	19.59	19.56
		1880	19.66	19.70	19.67
		1852.5	19.74	19.85	19.76
	12RB-Low (0)	1907.5	19.63	19.68	19.55
		1880	19.62	19.69	19.72
		1852.5	19.80	19.80	19.89
	25RB (0)	1907.5	19.54	19.50	19.49
		1880	19.65	19.58	19.62
		1852.5	19.77	19.78	19.77
10MHz	1RB-High (49)	1905 (19150)	19.46	19.86	19.66
		1880	19.63	19.94	19.50
		1855	19.71	19.85	19.77
	1RB-Middle (24)	1905 (19150)	19.52	19.90	19.73
		1880	19.53	19.93	19.89
		1855	19.70	19.85	19.96
	1RB-Low (0)	1905 (19150)	19.49	19.79	19.66
		1880	19.71	19.94	19.76
		1855	19.79	20.08	19.72
	25RB-High (25)	1905 (19150)	19.56	19.59	19.52
		1880	19.75	19.56	19.63
		1855	19.67	19.76	19.70
	25RB-Middle (12)	1905 (19150)	19.67	19.60	19.68
		1880	19.67	19.61	19.62
		1855	19.82	19.83	19.84
	25RB-Low (0)	1905 (19150)	19.60	19.63	19.59
		1880	19.75	19.69	19.69
		1855	19.78	19.79	19.78
	50RB (0)	1905 (19150)	19.59	19.47	19.55
		1880	19.63	19.63	19.61
		1855	19.81	19.83	19.82
15MHz	1RB-High (74)	1902.5	19.38	19.77	19.54
		1880	19.40	19.72	19.61
		1857.5	19.62	19.96	19.62
	1RB-Middle (37)	1902.5	19.43	19.58	19.60
		1880	19.47	19.82	19.79
		1857.5	19.47	19.92	19.74
	1RB-Low (0)	1902.5	19.36	19.63	19.66
		1880	19.48	19.74	19.93
		1857.5	19.69	19.87	19.92
	36RB-High (38)	1902.5	19.45	19.52	18.57
		1880	19.63	19.59	19.18
		1857.5	19.66	19.68	19.22
	36RB-Middle (19)	1902.5	19.42	19.42	18.51
		1880	19.51	19.55	19.08
		1857.5	19.67	19.70	19.17
	36RB-Low (0)	1902.5	19.49	19.40	18.54
		1880	19.51	19.56	19.13
		1857.5	19.77	19.76	19.21

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	75RB (0)	1902.5	19.36	19.37	18.37
		1880	19.50	19.53	19.12
		1857.5	19.76	19.66	19.09
20MHz	1RB-High (99)	1900 (19100)	19.42	19.71	19.51
		1880	19.44	19.78	19.63
		1860	19.45	19.69	19.57
	1RB-Middle (50)	1900 (19100)	19.37	19.71	19.65
		1880	19.44	19.86	19.53
		1860	19.54	19.88	19.73
	1RB-Low (0)	1900 (19100)	19.40	19.62	19.46
		1880	19.52	19.79	19.65
		1860	19.58	19.94	19.69
	50RB-High (50)	1900 (19100)	19.57	19.51	19.55
		1880	19.58	19.53	19.61
		1860	19.67	19.72	19.62
	50RB-Middle (25)	1900 (19100)	19.57	19.52	19.61
		1880	19.55	19.57	19.54
		1860	19.70	19.73	19.73
	50RB-Low (0)	1900 (19100)	19.50	19.52	19.53
		1880	19.58	19.60	19.53
		1860	19.68	19.71	19.71
	100RB (0)	1900 (19100)	19.61	19.58	19.51
		1880	19.53	19.53	19.59
		1860	19.73	19.76	19.67

LTE B4 ANT1

Band 4					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1754.3	22.96	23.03	21.92
		1732.5	22.86	22.93	21.86
		1710.7	23.13	23.18	22.02
	1RB-Middle (3)	1754.3	23.28	22.94	22.00
		1732.5	23.14	23.07	22.00
		1710.7	23.10	23.11	22.02
	1RB-Low (0)	1754.3	22.88	22.83	21.99
		1732.5	22.92	22.85	22.03
		1710.7	22.97	23.05	22.06
	3RB-High (3)	1754.3	22.95	22.73	21.84
		1732.5	22.98	22.91	21.91
		1710.7	23.06	22.94	21.95
	3RB-Middle (1)	1754.3	22.95	22.77	21.82
		1732.5	23.06	22.89	21.98

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		1710.7	23.05	22.90	22.02
	3RB-Low (0)	1754.3	22.99	22.78	21.94
		1732.5	22.93	22.74	21.82
		1710.7	22.98	22.96	21.94
	6RB (0)	1754.3	22.30	21.90	20.95
		1732.5	22.82	21.85	20.82
		1710.7	22.08	22.02	20.93
3MHz	1RB-High (14)	1753.5	23.01	23.36	23.05
		1732.5	23.08	23.11	23.05
		1711.5	23.15	23.24	23.35
	1RB-Middle (7)	1753.5	22.96	22.82	22.76
		1732.5	22.96	23.01	23.46
		1711.5	22.99	23.38	23.02
	1RB-Low (0)	1753.5	23.14	23.19	23.08
		1732.5	23.13	23.28	22.91
		1711.5	23.18	23.22	23.14
	8RB-High (7)	1753.5	22.96	22.19	22.04
		1732.5	22.93	21.88	22.06
		1711.5	23.03	22.13	22.09
	8RB-Middle (4)	1753.5	23.08	22.06	22.09
		1732.5	22.96	22.12	21.93
		1711.5	23.02	22.10	22.17
	8RB-Low (0)	1753.5	22.95	22.07	22.05
		1732.5	22.99	22.00	22.11
		1711.5	23.02	22.11	21.98
	15RB (0)	1753.5	23.02	21.93	21.95
		1732.5	22.97	22.03	22.01
		1711.5	23.07	22.04	22.02
5MHz	1RB-High (24)	1752.5	23.07	23.33	23.14
		1732.5	23.13	23.32	23.08
		1712.5	23.32	23.26	23.35
	1RB-Middle (12)	1752.5	23.03	23.28	23.29
		1732.5	22.99	23.24	23.06
		1712.5	23.01	23.05	22.88
	1RB-Low (0)	1752.5	23.12	23.18	23.08
		1732.5	23.20	23.26	23.04
		1712.5	23.27	23.24	23.14
	12RB-High (13)	1752.5	22.99	21.99	21.96
		1732.5	22.94	21.99	22.09
		1712.5	23.01	22.06	22.02
	12RB-Middle (6)	1752.5	23.02	22.02	22.04
		1732.5	23.04	22.02	22.01
		1712.5	23.11	22.06	21.94
	12RB-Low (0)	1752.5	23.03	22.06	21.94
		1732.5	22.99	21.98	21.99
		1712.5	22.95	22.12	22.09
	25RB (0)	1752.5	23.01	22.04	21.99
		1732.5	23.03	22.03	21.95

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		1712.5	23.02	22.07	21.97
10MHz	1RB-High (49)	1750	23.19	23.22	22.87
		1732.5	23.06	23.34	23.11
		1715	23.02	23.27	23.01
	1RB-Middle (24)	1750	23.16	23.05	23.15
		1732.5	23.03	23.17	23.01
		1715	23.21	23.18	23.17
	1RB-Low (0)	1750	23.04	23.37	23.00
		1732.5	23.04	23.28	22.81
		1715	23.18	23.30	23.04
	25RB-High (25)	1750	23.00	22.06	22.01
		1732.5	22.99	22.05	21.97
		1715	23.02	21.94	22.14
	25RB-Middle (12)	1750	22.94	21.96	22.07
		1732.5	22.98	22.10	22.07
		1715	23.07	22.10	22.11
	25RB-Low (0)	1750	22.96	22.03	21.94
		1732.5	22.91	21.99	21.93
		1715	23.05	22.08	21.97
	50RB (0)	1750	22.91	21.97	21.96
		1732.5	22.98	22.01	22.02
		1715	23.12	22.07	22.07
15MHz	1RB-High (74)	1747.5	22.95	23.11	23.09
		1732.5	22.97	23.32	23.19
		1717.5	22.91	23.20	22.84
	1RB-Middle (37)	1747.5	23.00	23.04	23.10
		1732.5	22.92	23.09	22.98
		1717.5	22.97	23.06	22.94
	1RB-Low (0)	1747.5	23.00	23.11	23.10
		1732.5	22.98	23.12	23.03
		1717.5	22.94	23.12	23.00
	36RB-High (38)	1747.5	22.84	21.93	21.81
		1732.5	22.87	21.78	21.90
		1717.5	22.92	21.85	21.90
	36RB-Middle (19)	1747.5	22.95	21.98	21.93
		1732.5	22.91	21.89	21.98
		1717.5	22.91	21.91	21.82
	36RB-Low (0)	1747.5	22.79	21.82	21.89
		1732.5	22.86	21.78	21.79
		1717.5	22.89	21.90	21.91
	75RB (0)	1747.5	22.90	21.92	21.86
		1732.5	22.84	21.93	21.84
		1717.5	22.88	21.90	21.82
20MHz	1RB-High (99)	1745	22.96	23.14	23.03
		1732.5	22.88	23.14	23.17
		1720	22.93	23.06	23.11
	1RB-Middle (50)	1745	22.95	23.30	23.14
		1732.5	22.92	23.13	23.06

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		1720	22.94	23.14	22.94
	1RB-Low (0)	1745	22.89	23.24	23.16
		1732.5	22.93	23.19	23.06
		1720	22.94	23.15	22.96
	50RB-High (50)	1745	22.91	21.87	21.88
		1732.5	22.83	21.87	21.85
		1720	22.90	21.89	21.87
	50RB-Middle (25)	1745	22.82	21.85	21.82
		1732.5	22.90	21.89	21.86
		1720	22.90	21.92	21.90
	50RB-Low (0)	1745	22.85	21.79	21.89
		1732.5	22.82	21.82	21.77
		1720	22.86	21.82	21.84
	100RB (0)	1745	22.86	21.86	21.79
		1732.5	22.91	21.86	21.86
		1720	22.92	21.91	21.83

LTE B4 ANT6

Band 4					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1754.3	19.87	20.29	20.28
		1732.5	19.96	20.14	20.10
		1710.7	20.15	20.36	20.32
	1RB-Middle (3)	1754.3	19.76	20.03	20.02
		1732.5	20.29	20.25	20.14
		1710.7	20.20	20.35	20.04
	1RB-Low (0)	1754.3	19.83	20.08	20.06
		1732.5	19.94	20.18	20.08
		1710.7	20.21	20.23	20.43
	3RB-High (3)	1754.3	19.81	19.78	19.99
		1732.5	19.94	19.95	19.89
		1710.7	19.95	20.06	20.11
	3RB-Middle (1)	1754.3	19.92	19.86	19.78
		1732.5	19.87	19.70	19.99
		1710.7	19.95	20.19	20.09
	3RB-Low (0)	1754.3	19.75	19.92	19.91
		1732.5	19.85	19.95	20.09
		1710.7	19.99	20.05	20.15
	6RB (0)	1754.3	19.83	20.00	19.82
		1732.5	19.99	20.00	19.92
		1710.7	20.06	20.02	20.13
3MHz	1RB-High (14)	1753.5	19.96	20.16	20.09
		1732.5	19.90	20.29	20.13

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		1711.5	20.08	20.35	20.32
	1RB-Middle (7)	1753.5	19.73	19.91	19.73
		1732.5	19.84	20.18	19.99
		1711.5	19.87	20.26	19.95
	1RB-Low (0)	1753.5	20.04	20.26	20.21
		1732.5	20.11	20.32	20.13
		1711.5	20.29	20.27	20.46
	8RB-High (7)	1753.5	19.99	19.99	19.93
		1732.5	20.05	20.09	20.15
		1711.5	20.15	20.02	20.08
	8RB-Middle (4)	1753.5	20.07	20.01	20.06
		1732.5	20.09	20.06	20.05
		1711.5	20.10	20.19	20.14
	8RB-Low (0)	1753.5	20.02	20.02	20.03
		1732.5	20.06	20.12	20.06
		1711.5	20.22	20.20	20.16
	15RB (0)	1753.5	19.95	19.95	19.92
		1732.5	20.00	20.03	20.01
		1711.5	20.10	20.11	20.09
5MHz	1RB-High (24)	1752.5	19.99	20.26	20.16
		1732.5	20.09	20.28	20.49
		1712.5	20.25	20.32	20.43
	1RB-Middle (12)	1752.5	19.82	20.29	19.84
		1732.5	19.90	20.36	19.92
		1712.5	19.90	20.23	20.20
	1RB-Low (0)	1752.5	20.00	20.34	20.20
		1732.5	20.00	20.39	20.29
		1712.5	20.23	20.30	20.51
	12RB-High (13)	1752.5	19.97	20.02	19.91
		1732.5	20.02	20.09	20.07
		1712.5	20.18	20.11	19.98
	12RB-Middle (6)	1752.5	20.08	20.05	19.96
		1732.5	20.07	20.09	20.05
		1712.5	20.14	20.20	20.16
	12RB-Low (0)	1752.5	19.98	20.07	20.03
		1732.5	19.97	20.08	19.83
		1712.5	20.07	20.07	19.97
	25RB (0)	1752.5	20.01	19.98	19.99
		1732.5	20.04	20.06	19.99
		1712.5	20.17	20.09	20.10
10MHz	1RB-High (49)	1750	19.82	20.05	19.91
		1732.5	19.97	20.31	20.14
		1715	20.07	20.21	19.98
	1RB-Middle (24)	1750	19.97	20.17	20.12
		1732.5	20.03	20.28	20.14
		1715	20.07	20.35	20.35
	1RB-Low (0)	1750	20.12	20.20	19.95
		1732.5	19.99	20.32	20.33

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		1715	20.12	20.22	20.07
	25RB-High (25)	1750	20.11	19.95	19.99
		1732.5	20.16	20.14	20.13
		1715	20.09	20.20	20.11
	25RB-Middle (12)	1750	20.06	20.01	19.99
		1732.5	20.14	20.15	20.14
		1715	20.14	20.08	20.19
	25RB-Low (0)	1750	20.07	19.96	20.00
		1732.5	20.10	20.00	19.99
		1715	20.16	20.12	20.18
	50RB (0)	1750	19.93	20.01	19.87
		1732.5	20.13	20.07	20.12
		1715	20.13	20.17	20.03
15MHz	1RB-High (74)	1747.5	19.89	20.09	19.84
		1732.5	19.95	20.14	19.96
		1717.5	19.91	20.08	20.05
	1RB-Middle (37)	1747.5	19.90	20.01	19.83
		1732.5	19.95	20.26	19.90
		1717.5	19.84	20.30	20.03
	1RB-Low (0)	1747.5	19.91	20.26	19.94
		1732.5	20.02	20.32	19.99
		1717.5	19.97	20.18	20.01
	36RB-High (38)	1747.5	19.96	19.97	19.85
		1732.5	20.07	19.94	20.01
		1717.5	20.05	20.04	20.02
	36RB-Middle (19)	1747.5	20.07	19.99	19.99
		1732.5	20.09	20.02	20.08
		1717.5	20.11	20.14	20.11
	36RB-Low (0)	1747.5	19.91	19.89	19.87
		1732.5	20.01	20.02	19.90
		1717.5	20.10	20.06	20.09
	75RB (0)	1747.5	20.00	19.99	19.98
		1732.5	20.01	19.96	19.95
		1717.5	20.05	20.08	20.07
20MHz	1RB-High (99)	1745	20.62	20.89	21.05
		1732.5	20.65	20.90	21.10
		1720	20.68	20.96	19.76
	1RB-Middle (50)	1745	20.63	20.88	20.71
		1732.5	20.70	20.97	20.81
		1720	20.72	20.89	20.04
	1RB-Low (0)	1745	20.80	20.91	20.98
		1732.5	20.77	20.94	20.97
		1720	20.81	21.09	20.32
	50RB-High (50)	1745	20.72	20.60	19.96
		1732.5	20.75	20.74	20.03
		1720	20.84	20.73	20.00
	50RB-Middle (25)	1745	20.74	20.65	19.92
		1732.5	20.78	20.78	20.03

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		1720	20.87	20.79	20.05
	50RB-Low (0)	1745	20.71	20.70	19.92
		1732.5	20.75	20.72	20.02
		1720	20.73	20.73	19.97
	100RB (0)	1745	20.69	20.58	19.83
		1732.5	20.77	20.70	20.00
		1720	20.83	20.79	20.01

LTE B5 ANT0

=Full Power

LTE B5 ANT2

=Full Power

LTE B7 ANT3

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	21.89	22.18	22.15
		2535	22.02	22.16	22.12
		2502.5	21.73	22.16	22.13
	1RB-Middle (12)	2567.5	21.85	22.27	21.81
		2535	21.88	22.15	21.97
		2502.5	21.63	21.94	21.63
	1RB-Low (0)	2567.5	22.04	22.26	22.41
		2535	22.07	22.36	22.25
		2502.5	21.89	22.12	22.06
	12RB-High (13)	2567.5	22.04	22.16	22.04
		2535	22.06	22.15	22.17
		2502.5	21.86	21.97	21.89
	12RB-Middle (6)	2567.5	22.11	22.11	22.06
		2535	22.01	22.06	21.94
		2502.5	21.82	21.88	21.80
	12RB-Low (0)	2567.5	21.98	22.09	21.97
		2535	21.96	22.06	22.00
		2502.5	21.82	21.69	21.71
	25RB (0)	2567.5	22.04	22.03	22.01
		2535	22.04	22.07	22.08
		2502.5	21.86	21.94	21.92
10MHz	1RB-High (49)	2565	22.05	22.39	22.02
		2535	22.00	22.30	22.10
		2505	21.80	22.09	22.02
	1RB-Middle (24)	2565	22.02	22.11	22.27
		2535	22.03	22.18	22.29
		2505	21.77	22.21	22.08

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	1RB-Low (0)	2565	22.04	22.32	22.17
		2535	22.04	22.13	21.99
		2505	21.78	22.04	21.84
	25RB-High (25)	2565	22.07	22.06	22.12
		2535	22.10	22.23	22.20
		2505	21.79	21.96	21.88
	25RB-Middle (12)	2565	22.06	22.04	22.14
		2535	22.06	22.08	22.15
		2505	21.83	21.87	21.88
	25RB-Low (0)	2565	22.04	22.12	22.09
		2535	22.01	21.91	22.10
		2505	21.85	21.82	21.92
	50RB (0)	2565	22.05	22.10	22.02
		2535	21.97	22.04	22.01
		2505	21.89	21.96	21.91
15MHz	1RB-High (74)	2562.5	21.77	22.12	22.04
		2535	21.96	22.21	22.04
		2507.5	21.63	21.84	21.67
	1RB-Middle (37)	2562.5	21.82	22.08	21.95
		2535	21.82	22.11	22.03
		2507.5	21.54	21.92	21.72
	1RB-Low (0)	2562.5	21.88	22.13	22.06
		2535	21.81	21.98	21.92
		2507.5	21.51	21.89	21.80
	36RB-High (38)	2562.5	21.95	21.94	21.96
		2535	21.94	22.04	21.99
		2507.5	21.76	21.68	21.73
	36RB-Middle (19)	2562.5	21.97	22.01	22.11
		2535	21.96	21.93	21.88
		2507.5	21.77	21.75	21.79
	36RB-Low (0)	2562.5	21.86	21.97	21.98
		2535	21.97	21.87	21.88
		2507.5	21.81	21.80	21.72
	75RB (0)	2562.5	22.11	21.96	22.05
		2535	21.94	21.91	21.90
		2507.5	21.80	21.76	21.78
20MHz	1RB-High (99)	2560	21.70	22.06	21.92
		2535	21.84	22.09	22.04
		2510	21.72	21.91	21.82
	1RB-Middle (50)	2560	21.82	22.16	21.96
		2535	21.75	22.09	21.92
		2510	21.58	21.93	21.60
	1RB-Low (0)	2560	21.91	22.27	22.04
		2535	21.70	22.03	21.85
		2510	21.61	21.85	21.73
	50RB-High (50)	2560	21.99	21.98	21.97
		2535	21.94	21.95	21.98
		2510	21.83	21.78	21.71

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	50RB-Middle (25)	2560	21.92	22.01	22.11
		2535	21.90	21.99	21.86
		2510	21.79	21.82	21.71
	50RB-Low (0)	2560	21.92	22.03	21.92
		2535	21.90	21.95	21.92
		2510	21.59	21.72	21.59
	100RB (0)	2560	21.94	22.03	21.96
		2535	22.04	21.94	21.96
		2510	21.83	21.75	21.89

LTE B7 ANT9

=Full Power

LTE B7 ANT1

=Full Power

LTE B7 ANT6

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	18.14	18.37	18.46
		2535	18.29	18.67	18.56
		2502.5	18.37	18.57	18.56
	1RB-Middle (12)	2567.5	18.10	18.31	18.38
		2535	18.35	18.59	18.51
		2502.5	18.22	18.71	18.44
	1RB-Low (0)	2567.5	18.23	18.32	18.40
		2535	18.31	18.46	18.49
		2502.5	18.38	18.58	18.49
	12RB-High (13)	2567.5	18.12	18.44	18.24
		2535	18.39	18.42	18.44
		2502.5	18.49	18.46	18.50
	12RB-Middle (6)	2567.5	18.12	18.36	18.20
		2535	18.31	18.23	18.29
		2502.5	18.41	18.43	18.51
	12RB-Low (0)	2567.5	18.11	18.24	18.27
		2535	18.24	18.16	18.22
		2502.5	18.37	18.40	18.47
	25RB (0)	2567.5	18.24	18.30	18.23
		2535	18.29	18.31	18.26
		2502.5	18.40	18.44	18.43
10MHz	1RB-High (49)	2565	18.21	18.35	18.43
		2535	18.17	18.58	18.60
		2505	18.35	18.62	18.53
	1RB-Middle (24)	2565	18.09	18.32	18.44
		2535	18.35	18.56	18.49
		2505	18.26	18.51	18.57

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	1RB-Low (0)	2565	18.12	18.33	18.40
		2535	18.26	18.60	18.43
		2505	18.38	18.51	18.46
	25RB-High (25)	2565	18.18	18.33	18.37
		2535	18.30	18.37	18.34
		2505	18.38	18.49	18.42
	25RB-Middle (12)	2565	18.10	18.35	18.32
		2535	18.28	18.33	18.40
		2505	18.47	18.46	18.57
	25RB-Low (0)	2565	18.17	18.40	18.34
		2535	18.29	18.34	18.40
		2505	18.39	18.40	18.37
	50RB (0)	2565	18.11	18.29	18.30
		2535	18.27	18.27	18.27
		2505	18.44	18.41	18.37
15MHz	1RB-High (74)	2562.5	18.21	18.24	18.35
		2535	17.91	18.26	18.24
		2507.5	18.00	18.46	18.25
	1RB-Middle (37)	2562.5	18.14	18.21	18.08
		2535	18.00	18.46	18.33
		2507.5	18.03	18.49	18.28
	1RB-Low (0)	2562.5	18.12	18.24	18.32
		2535	17.99	18.31	18.45
		2507.5	18.00	18.36	18.40
	36RB-High (38)	2562.5	18.19	18.19	18.16
		2535	18.17	18.22	18.32
		2507.5	18.24	18.19	18.30
	36RB-Middle (19)	2562.5	18.13	18.13	18.26
		2535	18.11	18.15	18.18
		2507.5	18.26	18.23	18.35
	36RB-Low (0)	2562.5	18.22	18.14	18.25
		2535	18.25	18.14	18.22
		2507.5	18.26	18.25	18.27
	75RB (0)	2562.5	18.18	18.19	18.25
		2535	18.07	18.05	18.27
		2507.5	18.30	18.28	18.32
20MHz	1RB-High (99)	2560	18.11	18.24	18.29
		2535	17.90	18.39	18.27
		2510	17.96	18.37	18.30
	1RB-Middle (50)	2560	18.04	18.20	18.10
		2535	18.01	18.32	18.27
		2510	18.04	18.35	18.16
	1RB-Low (0)	2560	18.06	18.42	18.26
		2535	18.02	18.40	18.34
		2510	18.17	18.27	18.09
	50RB-High (50)	2560	18.19	18.18	18.21
		2535	18.24	18.22	18.22
		2510	18.33	18.30	18.28

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	50RB-Middle (25)	2560	18.09	18.08	18.19
		2535	18.18	18.17	18.21
		2510	18.30	18.36	18.39
	50RB-Low (0)	2560	18.16	18.12	18.23
		2535	18.26	18.20	18.21
		2510	18.26	18.13	18.25
	100RB (0)	2560	18.06	18.20	18.12
		2535	18.12	18.13	18.19
		2510	18.26	18.36	18.31

LTE B12 ANT0

=Full Power

LTE B12 ANT2

=Full Power

LTE B17 ANT0

=Full Power

LTE B17 ANT2

=Full Power

LTE B26 ANT0

=Full Power

LTE B26 ANT2

=Full Power

LTE B38 ANT1

=DSI1

LTE B38 ANT6

Band 38					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2617.5	19.71	19.87	19.71
		2595	19.64	19.80	19.45
		2572.5	19.69	19.86	19.08
	1RB-Middle (12)	2617.5	19.88	19.79	19.61
		2595	19.74	19.73	19.58
		2572.5	19.72	19.81	19.56
	1RB-Low (0)	2617.5	19.70	19.81	19.68
		2595	19.69	19.74	19.46
		2572.5	19.77	19.85	19.42
	12RB-High (13)	2617.5	19.70	19.68	19.76
		2595	19.67	19.63	19.69
		2572.5	19.71	19.69	19.79
	12RB-Middle (6)	2617.5	19.77	19.70	19.76
		2595	19.64	19.62	19.64
		2572.5	19.75	19.72	19.82
	12RB-Low (0)	2617.5	19.75	19.69	19.73
		2595	19.64	19.58	19.59

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		2572.5	19.75	19.69	19.83
	25RB (0)	2617.5	19.71	19.76	19.69
		2595	19.62	19.66	19.62
		2572.5	19.78	19.74	19.81
10MHz	1RB-High (49)	2615	19.57	19.76	19.62
		2595	19.55	19.73	19.56
		2575	19.58	19.72	19.47
	1RB-Middle (24)	2615	19.67	19.72	19.50
		2595	19.54	19.71	19.56
		2575	19.52	19.76	19.49
	1RB-Low (0)	2615	19.62	19.85	19.60
		2595	19.63	19.80	19.57
		2575	19.65	19.87	19.62
	25RB-High (25)	2615	19.73	19.70	19.68
		2595	19.67	19.69	19.65
		2575	19.68	19.72	19.71
	25RB-Middle (12)	2615	19.63	19.73	19.65
		2595	19.63	19.72	19.67
		2575	19.76	19.80	19.78
	25RB-Low (0)	2615	19.62	19.70	19.61
		2595	19.63	19.74	19.61
		2575	19.75	19.81	19.72
	50RB (0)	2615	19.64	19.72	19.68
		2595	19.64	19.71	19.60
		2575	19.74	19.79	19.71
15MHz	1RB-High (74)	2612.5	19.52	19.65	19.45
		2595	19.49	19.61	19.37
		2577.5	19.48	19.63	19.29
	1RB-Middle (37)	2612.5	19.43	19.68	19.54
		2595	19.47	19.66	19.41
		2577.5	19.51	19.68	19.39
	1RB-Low (0)	2612.5	19.60	19.77	19.52
		2595	19.56	19.70	19.50
		2577.5	19.57	19.74	19.48
	36RB-High (38)	2612.5	19.53	19.56	19.63
		2595	19.53	19.55	19.59
		2577.5	19.55	19.55	19.62
	36RB-Middle (19)	2612.5	19.51	19.56	19.60
		2595	19.51	19.55	19.57
		2577.5	19.65	19.64	19.68
	36RB-Low (0)	2612.5	19.48	19.53	19.58
		2595	19.52	19.52	19.53
		2577.5	19.55	19.54	19.57
	75RB (0)	2612.5	19.50	19.57	19.56
		2595	19.52	19.54	19.56
		2577.5	19.60	19.65	19.62
20MHz	1RB-High (99)	2610	19.43	19.54	19.18
		2595	19.47	19.53	19.18

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		2580	19.50	19.57	19.20
	1RB-Middle (50)	2610	19.48	19.57	19.21
		2595	19.52	19.55	19.16
		2580	19.60	19.63	19.22
	1RB-Low (0)	2610	19.53	19.60	19.24
		2595	19.56	19.64	19.23
		2580	19.66	19.73	19.37
	50RB-High (50)	2610	19.49	19.52	19.47
		2595	19.53	19.50	19.46
		2580	19.59	19.55	19.50
	50RB-Middle (25)	2610	19.62	19.58	19.52
		2595	19.55	19.53	19.41
		2580	19.67	19.60	19.57
	50RB-Low (0)	2610	19.54	19.48	19.45
		2595	19.52	19.47	19.44
		2580	19.60	19.54	19.50
	100RB (0)	2610	19.53	19.47	19.52
		2595	19.53	19.44	19.51
		2580	19.65	19.58	19.59

LTE B41 ANT1

Band 41					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2687.5 (41565)	23.44	23.81	23.53
		2640.3(41093)	23.44	23.48	23.54
		2593 (40620)	23.39	23.49	23.51
		2545.8(40148)	23.43	23.65	23.66
		2498.5 (39675)	23.39	23.45	23.53
	1RB-Middle (12)	2687.5 (41565)	23.44	23.62	23.48
		2640.3(41093)	23.46	23.60	23.48
		2593 (40620)	23.42	23.55	23.42
		2545.8(40148)	23.36	23.55	23.48
		2498.5 (39675)	23.61	23.47	23.34
	1RB-Low (0)	2687.5 (41565)	23.46	23.51	23.57
		2640.3(41093)	23.44	23.54	23.55
		2593 (40620)	23.42	23.48	23.49
		2545.8(40148)	23.34	23.50	23.47
		2498.5 (39675)	23.42	23.45	23.47
	12RB-High (13)	2687.5 (41565)	23.51	22.44	22.42
		2640.3(41093)	23.51	22.44	22.51
		2593 (40620)	23.51	22.42	22.48
		2545.8(40148)	23.48	22.34	22.43
		2498.5 (39675)	23.46	22.46	22.48
	12RB-Middle (6)	2687.5 (41565)	23.54	22.46	22.54
		2640.3(41093)	23.52	22.45	22.54

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		2593 (40620)	23.52	22.46	22.53
		2545.8(40148)	23.37	22.34	22.39
		2498.5 (39675)	23.49	22.45	22.53
	12RB-Low (0)	2687.5 (41565)	23.47	22.42	22.48
		2640.3(41093)	23.53	22.41	22.51
		2593 (40620)	23.49	22.44	22.52
		2545.8(40148)	23.37	22.37	22.41
		2498.5 (39675)	23.50	22.44	22.49
	25RB (0)	2687.5 (41565)	23.51	22.51	22.45
		2640.3(41093)	23.49	22.52	22.46
		2593 (40620)	23.45	22.50	22.44
		2545.8(40148)	23.37	22.43	22.29
		2498.5 (39675)	23.49	22.45	22.42
10MHz	1RB-High (49)	2685 (41540)	23.21	23.27	23.28
		2639(41080)	23.24	23.27	23.26
		2593 (40620)	23.16	23.19	23.16
		2547(40160)	23.42	23.48	22.25
		2501 (39700)	23.37	23.41	22.14
	1RB-Middle (24)	2685 (41540)	23.45	23.50	23.58
		2639(41080)	23.42	23.51	23.24
		2593 (40620)	23.39	23.40	23.46
		2547(40160)	23.38	23.51	22.24
		2501 (39700)	23.38	23.35	22.16
	1RB-Low (0)	2685 (41540)	23.24	23.33	23.30
		2639(41080)	23.21	23.29	23.14
		2593 (40620)	23.21	23.27	23.20
		2547(40160)	23.44	23.52	22.15
		2501 (39700)	23.48	23.47	22.14
	25RB-High (25)	2685 (41540)	23.45	22.47	22.39
		2639(41080)	23.44	22.48	22.42
		2593 (40620)	23.38	22.44	22.40
		2547(40160)	23.46	22.49	21.60
		2501 (39700)	23.41	22.47	21.60
	25RB-Middle (12)	2685 (41540)	23.56	22.59	22.48
		2639(41080)	23.56	22.60	22.58
		2593 (40620)	23.52	22.58	22.53
		2547(40160)	23.43	22.47	21.56
		2501 (39700)	23.47	22.53	21.58
	25RB-Low (0)	2685 (41540)	23.41	22.47	22.37
		2639(41080)	23.44	22.53	22.43
		2593 (40620)	23.36	22.45	22.36
		2547(40160)	23.37	22.40	21.55
		2501 (39700)	23.48	22.50	21.55
	50RB (0)	2685 (41540)	23.44	22.49	22.35
		2639(41080)	23.50	22.52	22.45
		2593 (40620)	23.46	22.46	22.43
		2547(40160)	23.45	22.45	21.52
		2501 (39700)	23.47	22.54	21.53

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15MHz	1RB-High (74)	2682.5 (41515)	23.38	23.46	23.42
		2637.8(41068)	23.10	23.24	23.20
		2593 (40620)	23.20	23.25	21.94
		2548.3(40173)	23.32	23.46	22.06
		2503.5 (39725)	23.19	23.32	21.88
	1RB-Middle (37)	2682.5 (41515)	23.44	23.48	23.48
		2637.8(41068)	23.36	23.49	23.41
		2593 (40620)	23.31	23.38	22.07
		2548.3(40173)	23.26	23.35	22.01
		2503.5 (39725)	23.23	23.35	21.93
	1RB-Low (0)	2682.5 (41515)	23.19	23.30	23.26
		2637.8(41068)	23.23	23.33	23.29
		2593 (40620)	23.16	23.23	21.87
		2548.3(40173)	23.30	23.43	22.02
		2503.5 (39725)	23.22	23.37	21.92
	36RB-High (38)	2682.5 (41515)	23.47	22.45	22.45
		2637.8(41068)	23.32	22.32	22.39
		2593 (40620)	23.40	22.38	21.42
		2548.3(40173)	23.37	22.40	21.38
		2503.5 (39725)	23.30	22.29	21.31
	36RB-Middle (19)	2682.5 (41515)	23.43	22.38	22.37
		2637.8(41068)	23.42	22.41	22.40
		2593 (40620)	23.47	22.41	21.48
		2548.3(40173)	23.37	22.38	21.44
		2503.5 (39725)	23.35	22.35	21.33
	36RB-Low (0)	2682.5 (41515)	23.33	22.26	22.31
		2637.8(41068)	23.43	22.36	22.39
		2593 (40620)	23.27	22.25	21.37
		2548.3(40173)	23.36	22.28	21.38
		2503.5 (39725)	23.26	22.25	21.31
	75RB (0)	2682.5 (41515)	23.36	22.38	22.34
		2637.8(41068)	23.39	22.43	22.40
		2593 (40620)	23.39	22.43	21.49
		2548.3(40173)	23.30	22.36	21.43
		2503.5 (39725)	23.35	22.39	21.39
20MHz	1RB-High (99)	2680 (41490)	23.45	23.44	23.14
		2636.5(41055)	23.07	23.07	23.09
		2593 (40620)	23.17	23.13	22.14
		2549.5(40185)	23.34	23.44	22.40
		2506 (39750)	23.29	23.43	22.29
	1RB-Middle (50)	2680 (41490)	23.51	23.56	23.43
		2636.5(41055)	23.56	23.51	23.37
		2593 (40620)	23.51	23.49	22.44
		2549.5(40185)	23.36	23.38	22.30
		2506 (39750)	23.38	23.44	22.34
	1RB-Low (0)	2680 (41490)	23.18	23.23	22.87
		2636.5(41055)	23.23	23.27	23.02
		2593 (40620)	23.18	23.20	22.10

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		2549.5(40185)	23.33	23.46	22.29
		2506 (39750)	23.37	23.53	22.35
	50RB-High (50)	2680 (41490)	23.53	22.55	22.79
		2636.5(41055)	23.33	22.34	22.57
		2593 (40620)	23.39	22.47	21.80
		2549.5(40185)	23.43	22.51	21.80
		2506 (39750)	23.46	22.49	21.79
	50RB-Middle (25)	2680 (41490)	23.54	22.59	22.80
		2636.5(41055)	23.51	22.54	22.73
		2593 (40620)	23.53	22.57	21.88
		2549.5(40185)	23.44	22.54	21.87
		2506 (39750)	23.49	22.56	21.84
	50RB-Low (0)	2680 (41490)	23.33	22.31	22.63
		2636.5(41055)	23.45	22.46	22.73
		2593 (40620)	23.34	22.41	21.70
		2549.5(40185)	23.41	22.38	21.78
		2506 (39750)	23.42	22.48	21.79
	100RB (0)	2680 (41490)	23.49	22.52	22.85
		2636.5(41055)	23.38	22.41	22.77
		2593 (40620)	23.43	22.48	21.77
		2549.5(40185)	23.38	22.43	21.76
		2506 (39750)	23.50	22.55	21.84

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Band 41					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2687.5 (41565)	19.36	19.40	19.20
		2640.3(41093)	19.45	19.71	19.37
		2593 (40620)	19.59	19.78	19.53
		2545.8(40148)	19.83	20.03	19.66
		2498.5 (39675)	19.79	20.00	19.77
	1RB-Middle (12)	2687.5 (41565)	19.29	19.51	19.27
		2640.3(41093)	19.76	19.79	19.60
		2593 (40620)	19.64	19.79	19.55
		2545.8(40148)	19.91	19.93	19.75
		2498.5 (39675)	20.02	20.00	19.78
	1RB-Low (0)	2687.5 (41565)	19.38	19.43	19.21
		2640.3(41093)	19.65	19.82	19.55
		2593 (40620)	19.62	19.78	19.46
		2545.8(40148)	19.76	19.90	19.58
		2498.5 (39675)	19.84	19.98	19.63
	12RB-High (13)	2687.5 (41565)	19.43	19.38	19.37
		2640.3(41093)	19.69	19.65	19.22
		2593 (40620)	19.69	19.69	19.65
		2545.8(40148)	19.86	19.84	19.88

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		2498.5 (39675)	19.90	19.86	19.88
	12RB-Middle (6)	2687.5 (41565)	19.45	19.38	19.48
		2640.3(41093)	19.71	19.68	19.78
		2593 (40620)	19.71	19.68	19.71
		2545.8(40148)	19.81	19.80	19.80
		2498.5 (39675)	19.91	19.87	19.91
	12RB-Low (0)	2687.5 (41565)	19.44	19.39	19.40
		2640.3(41093)	19.72	19.66	19.73
		2593 (40620)	19.72	19.70	19.66
		2545.8(40148)	19.76	19.81	19.81
		2498.5 (39675)	19.89	19.87	19.87
	25RB (0)	2687.5 (41565)	19.43	19.47	19.39
		2640.3(41093)	19.70	19.75	19.70
		2593 (40620)	19.69	19.71	19.67
		2545.8(40148)	19.75	19.82	19.77
		2498.5 (39675)	19.90	19.89	19.84
10MHz	1RB-High (49)	2685 (41540)	19.07	19.23	18.94
		2639(41080)	19.35	19.54	19.31
		2593 (40620)	19.32	19.50	19.22
		2547(40160)	19.77	19.94	19.64
		2501 (39700)	19.76	19.96	19.68
	1RB-Middle (24)	2685 (41540)	19.40	19.51	19.19
		2639(41080)	19.59	19.75	19.55
		2593 (40620)	19.59	19.74	19.44
		2547(40160)	19.79	19.93	19.66
		2501 (39700)	19.72	19.86	19.51
	1RB-Low (0)	2685 (41540)	19.15	19.33	19.04
		2639(41080)	19.39	19.53	19.31
		2593 (40620)	19.39	19.55	19.28
		2547(40160)	19.85	20.02	19.77
		2501 (39700)	19.87	20.00	19.49
	25RB-High (25)	2685 (41540)	19.35	19.35	19.31
		2639(41080)	19.63	19.66	19.61
		2593 (40620)	19.57	19.64	19.59
		2547(40160)	19.88	19.90	19.85
		2501 (39700)	19.86	19.91	19.94
	25RB-Middle (12)	2685 (41540)	19.51	19.51	19.39
		2639(41080)	19.74	19.82	19.71
		2593 (40620)	19.77	19.75	19.71
		2547(40160)	19.86	19.90	19.84
		2501 (39700)	19.93	19.94	19.92
	25RB-Low (0)	2685 (41540)	19.34	19.41	19.26
		2639(41080)	19.67	19.74	19.65
		2593 (40620)	19.61	19.64	19.53
		2547(40160)	19.84	19.87	19.79
		2501 (39700)	19.92	19.92	19.95
	50RB (0)	2685 (41540)	19.32	19.39	19.28
		2639(41080)	19.66	19.71	19.62

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		2593 (40620)	19.69	19.74	19.63
		2547(40160)	19.81	19.88	19.81
		2501 (39700)	19.90	19.93	19.95
15MHz	1RB-High (74)	2682.5 (41515)	19.18	19.40	18.99
		2637.8(41068)	19.29	19.38	19.10
		2593 (40620)	19.34	19.47	19.16
		2548.3(40173)	19.62	19.80	19.45
		2503.5 (39725)	19.55	19.68	19.42
	1RB-Middle (37)	2682.5 (41515)	19.24	19.43	19.11
		2637.8(41068)	19.55	19.66	19.39
		2593 (40620)	19.52	19.67	19.30
		2548.3(40173)	19.63	19.81	19.42
		2503.5 (39725)	19.56	19.68	19.24
	1RB-Low (0)	2682.5 (41515)	19.04	19.20	18.87
		2637.8(41068)	19.44	19.59	19.35
		2593 (40620)	19.30	19.50	19.14
		2548.3(40173)	19.69	19.85	19.56
		2503.5 (39725)	19.54	19.75	19.20
	36RB-High (38)	2682.5 (41515)	19.37	19.38	19.37
		2637.8(41068)	19.51	19.53	19.54
		2593 (40620)	19.55	19.61	19.57
		2548.3(40173)	19.73	19.77	19.76
		2503.5 (39725)	19.69	19.70	19.72
	36RB-Middle (19)	2682.5 (41515)	19.31	19.30	19.30
		2637.8(41068)	19.65	19.56	19.63
		2593 (40620)	19.58	19.62	19.65
		2548.3(40173)	19.77	19.74	19.79
		2503.5 (39725)	19.67	19.70	19.72
	36RB-Low (0)	2682.5 (41515)	19.23	19.20	19.21
		2637.8(41068)	19.60	19.57	19.60
		2593 (40620)	19.48	19.45	19.46
		2548.3(40173)	19.73	19.67	19.72
		2503.5 (39725)	19.58	19.60	19.66
	75RB (0)	2682.5 (41515)	19.26	19.30	19.26
		2637.8(41068)	19.60	19.62	19.62
		2593 (40620)	19.56	19.62	19.59
		2548.3(40173)	19.71	19.76	19.76
		2503.5 (39725)	19.69	19.71	19.74
20MHz	1RB-High (99)	2680 (41490)	19.27	19.39	19.13
		2636.5(41055)	19.11	19.26	19.04
		2593 (40620)	19.20	19.31	19.05
		2549.5(40185)	19.33	19.66	19.24
		2506 (39750)	19.49	19.65	19.22
	1RB-Middle (50)	2680 (41490)	19.43	19.52	19.13
		2636.5(41055)	19.57	19.74	19.35
		2593 (40620)	19.49	19.57	19.20
		2549.5(40185)	19.60	19.63	19.30
		2506 (39750)	19.47	19.59	19.19

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	1RB-Low (0)	2680 (41490)	19.05	19.19	19.04
		2636.5(41055)	19.36	19.51	19.12
		2593 (40620)	19.20	19.31	19.10
		2549.5(40185)	19.56	19.73	19.32
		2506 (39750)	19.44	19.61	19.22
	50RB-High (50)	2680 (41490)	19.46	19.48	19.44
		2636.5(41055)	19.53	19.55	19.48
		2593 (40620)	19.47	19.48	19.42
		2549.5(40185)	19.68	19.69	19.65
		2506 (39750)	19.61	19.63	19.60
	50RB-Middle (25)	2680 (41490)	19.51	19.49	19.48
		2636.5(41055)	19.67	19.72	19.60
		2593 (40620)	19.56	19.53	19.48
		2549.5(40185)	19.72	19.68	19.69
		2506 (39750)	19.63	19.67	19.61
	50RB-Low (0)	2680 (41490)	19.31	19.28	19.27
		2636.5(41055)	19.56	19.58	19.52
		2593 (40620)	19.43	19.40	19.37
		2549.5(40185)	19.64	19.64	19.61
		2506 (39750)	19.54	19.59	19.54
	100RB (0)	2680 (41490)	19.35	19.35	19.35
		2636.5(41055)	19.59	19.64	19.65
		2593 (40620)	19.51	19.53	19.58
		2549.5(40185)	19.70	19.74	19.74
		2506 (39750)	19.63	19.68	19.69

LTE B66 ANT1

Band 66					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1779.3	22.52	22.90	22.89
		1745	22.48	22.63	22.85
		1710.7	22.55	22.85	22.68
	1RB-Middle (3)	1779.3	22.87	22.67	22.72
		1745	22.78	22.71	22.56
		1710.7	22.75	22.67	22.67
	1RB-Low (0)	1779.3	22.53	22.66	22.71
		1745	22.48	22.79	22.65
		1710.7	22.57	22.75	22.78
	3RB-High (3)	1779.3	22.56	22.40	22.41
		1745	22.59	22.70	22.57
		1710.7	22.60	22.66	22.59
	3RB-Middle (1)	1779.3	22.65	22.70	22.67
		1745	22.62	22.64	22.64

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		1710.7	22.57	22.53	22.66
	3RB-Low (0)	1779.3	22.58	22.65	22.50
		1745	22.48	22.61	22.66
		1710.7	22.50	22.68	22.71
	6RB (0)	1779.3	22.62	21.72	21.60
		1745	22.60	21.63	21.60
		1710.7	22.66	21.65	21.59
3MHz	1RB-High (14)	1778.5	22.50	22.95	22.66
		1745	22.67	22.84	22.73
		1711.5	22.61	22.85	22.91
	1RB-Middle (7)	1778.5	22.50	22.88	22.67
		1745	22.47	22.68	22.47
		1711.5	22.44	22.79	22.54
	1RB-Low (0)	1778.5	22.68	22.89	22.75
		1745	22.57	22.93	22.69
		1711.5	22.70	22.88	22.93
	8RB-High (7)	1778.5	22.71	21.66	21.74
		1745	22.65	21.78	21.65
		1711.5	22.71	21.80	21.68
	8RB-Middle (4)	1778.5	22.70	21.76	21.72
		1745	22.65	21.75	21.79
		1711.5	22.68	21.77	21.70
	8RB-Low (0)	1778.5	22.69	21.79	21.73
		1745	22.59	21.64	21.74
		1711.5	22.70	21.71	21.70
	15RB (0)	1778.5	22.75	21.72	21.70
		1745	22.72	21.64	21.70
		1711.5	22.66	21.73	21.70
5MHz	1RB-High (24)	1777.5	22.60	22.96	22.72
		1745	22.61	22.94	22.84
		1712.5	22.60	22.91	22.92
	1RB-Middle (12)	1777.5	22.45	22.89	22.49
		1745	22.57	22.42	22.58
		1712.5	22.46	22.89	22.45
	1RB-Low (0)	1777.5	22.80	22.93	23.08
		1745	22.63	22.95	22.73
		1712.5	22.57	22.89	22.93
	12RB-High (13)	1777.5	22.60	21.80	21.78
		1745	22.77	21.73	21.70
		1712.5	22.65	21.65	21.74
	12RB-Middle (6)	1777.5	22.73	21.63	21.72
		1745	22.70	21.62	21.64
		1712.5	22.74	21.74	21.62
	12RB-Low (0)	1777.5	22.77	21.61	21.62
		1745	22.65	21.65	21.64
		1712.5	22.69	21.72	21.68
	25RB (0)	1777.5	22.67	21.72	21.61
		1745	22.70	21.68	21.67

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		1712.5	22.75	21.68	21.67
10MHz	1RB-High (49)	1775	22.62	23.02	22.77
		1745	22.56	22.86	22.79
		1715	22.60	22.82	22.61
	1RB-Middle (24)	1775	22.76	22.84	22.77
		1745	22.62	22.97	22.81
		1715	22.59	22.80	22.88
	1RB-Low (0)	1775	22.76	22.99	22.60
		1745	22.58	23.02	22.63
		1715	22.57	22.95	22.74
	25RB-High (25)	1775	22.77	21.73	21.73
		1745	22.73	21.79	21.79
		1715	22.72	21.74	21.73
	25RB-Middle (12)	1775	22.75	21.74	21.78
		1745	22.78	21.70	21.77
		1715	22.71	21.72	21.74
	25RB-Low (0)	1775	22.68	21.78	21.68
		1745	22.57	21.75	21.64
		1715	22.68	21.64	21.62
	50RB (0)	1775	22.68	21.67	21.61
		1745	22.73	21.77	21.72
		1715	22.66	21.70	21.58
15MHz	1RB-High (74)	1772.5	22.49	22.98	22.77
		1745	22.43	22.87	22.76
		1717.5	22.45	22.79	22.61
	1RB-Middle (37)	1772.5	22.58	22.75	22.78
		1745	22.58	22.80	22.76
		1717.5 (132047)	22.49	22.71	22.67
	1RB-Low (0)	1772.5	22.56	22.72	22.89
		1745	22.45	22.84	22.92
		1717.5 (132047)	22.47	22.75	22.65
	36RB-High (38)	1772.5	22.65	21.61	21.59
		1745	22.63	21.54	21.63
		1717.5	22.58	21.61	21.54
	36RB-Middle (19)	1772.5	22.68	21.67	21.66
		1745	22.45	21.49	21.54
		1717.5	22.63	21.60	21.56
	36RB-Low (0)	1772.5	22.65	21.54	21.53
		1745	22.56	21.51	21.58
		1717.5	22.54	21.52	21.60
	75RB (0)	1772.5	22.59	21.51	21.48
		1745	22.62	21.58	21.54
		1717.5	22.58	21.58	21.54
20MHz	1RB-High (99)	1770	22.70	22.62	22.54
		1745	22.78	22.55	22.10
		1720	22.69	22.43	22.05
	1RB-Middle	1770	22.74	22.55	22.66

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	(50)	1745	22.82	22.49	22.05
		1720	22.74	22.41	22.12
	1RB-Low (0)	1770	22.77	22.50	22.61
		1745	22.75	22.50	22.04
		1720	22.78	22.48	22.15
	50RB-High (50)	1770	22.65	21.68	21.56
		1745	22.68	21.63	21.58
		1720	22.66	21.64	21.48
	50RB-Middle (25)	1770	22.66	21.60	21.73
		1745	22.66	21.67	21.36
		1720	22.64	21.63	21.63
	50RB-Low (0)	1770	22.64	21.59	21.38
		1745	22.56	21.60	21.49
		1720	22.56	21.54	21.45
	100RB (0)	1770	22.70	21.52	21.44
		1745	22.63	21.72	21.58
		1720	22.66	21.56	21.43

LTE B66 ANT6

Band 66					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1779.3	20.71	21.16	21.01
		1745	20.94	21.19	21.11
		1710.7	21.14	21.29	21.32
	1RB-Middle (3)	1779.3	21.15	21.10	21.23
		1745	21.32	21.21	21.26
		1710.7	21.43	21.34	21.31
	1RB-Low (0)	1779.3	20.95	21.12	21.04
		1745	21.05	21.21	21.38
		1710.7	21.10	21.32	21.16
	3RB-High (3)	1779.3	20.83	20.93	20.86
		1745	20.96	21.01	21.04
		1710.7	20.99	21.10	21.17
	3RB-Middle (1)	1779.3	20.92	20.94	21.08
		1745	20.99	21.08	21.10
		1710.7	20.94	20.74	21.35
	3RB-Low (0)	1779.3	20.84	20.91	20.98
		1745	20.96	21.01	21.11
		1710.7	20.96	21.08	21.11
	6RB (0)	1779.3	20.87	20.97	20.96
		1745	21.00	20.92	20.95
		1710.7	20.49	20.99	20.98
3MHz	1RB-High	1778.5	20.87	21.15	21.13

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	(14)	1745	21.03	21.25	21.20
		1711.5	21.05	21.54	21.48
	1RB-Middle (7)	1778.5	20.82	21.15	20.89
		1745	20.84	21.29	21.18
		1711.5	20.98	21.42	20.94
	1RB-Low (0)	1778.5	21.01	21.25	21.21
		1745	21.06	21.33	21.16
		1711.5	21.16	21.49	21.37
	8RB-High (7)	1778.5	21.02	21.04	21.08
		1745	21.11	21.15	21.22
		1711.5	21.13	21.15	21.19
	8RB-Middle (4)	1778.5	21.04	21.14	20.96
		1745	21.18	21.13	21.13
		1711.5	21.22	21.27	21.27
	8RB-Low (0)	1778.5	20.96	21.05	20.99
		1745	21.00	21.10	21.06
		1711.5	21.13	21.23	21.27
	15RB (0)	1778.5	21.01	20.96	20.97
		1745	21.09	21.17	21.11
		1711.5	21.15	20.99	21.12
5MHz	1RB-High (24)	1777.5	20.79	21.23	21.18
		1745	21.15	21.37	21.26
		1712.5	21.12	21.42	21.55
	1RB-Middle (12)	1777.5	20.84	21.07	20.88
		1745	20.87	21.33	21.17
		1712.5	20.92	21.25	20.97
	1RB-Low (0)	1777.5	21.17	21.24	21.27
		1745	21.15	21.28	21.23
		1712.5	21.22	21.46	21.43
	12RB-High (13)	1777.5	21.00	20.89	20.94
		1745	21.08	21.17	21.06
		1712.5	21.18	21.22	21.09
	12RB-Middle (6)	1777.5	21.01	21.07	21.07
		1745	21.02	21.08	21.07
		1712.5	21.22	21.18	21.16
	12RB-Low (0)	1777.5	21.04	21.15	20.99
		1745	21.03	21.17	21.01
		1712.5	21.15	21.20	21.08
	25RB (0)	1777.5	21.04	21.04	20.93
		1745	21.13	21.10	21.01
		1712.5	21.13	21.18	21.10
10MHz	1RB-High (49)	1775	21.03	21.20	21.06
		1745	20.95	21.30	21.16
		1715	21.03	21.42	21.26
	1RB-Middle (24)	1775	21.09	21.24	21.20
		1745	21.05	21.23	21.29
		1715	21.02	21.35	21.42
	1RB-Low (0)	1775	20.92	21.23	21.09

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		1745	20.93	21.20	21.14
		1715	21.14	21.23	21.08
	25RB-High (25)	1775	21.05	20.96	21.10
		1745	21.06	21.12	21.12
		1715	21.19	21.22	21.20
	25RB-Middle (12)	1775	20.97	21.01	21.09
		1745	21.11	21.28	21.18
		1715	21.21	21.16	21.25
	25RB-Low (0)	1775	20.90	20.90	21.02
		1745	21.08	21.13	21.12
		1715	21.09	21.24	21.22
	50RB (0)	1775	20.96	20.97	21.02
		1745	21.06	21.12	21.09
		1715	21.17	21.17	21.23
15MHz	1RB-High (74)	1772.5	20.83	21.10	20.93
		1745	20.92	21.08	21.05
		1717.5	20.87	21.10	21.09
	1RB-Middle (37)	1772.5	20.88	21.18	20.98
		1745	20.99	21.24	21.16
		1717.5	20.96	21.29	21.08
	1RB-Low (0)	1772.5	20.90	21.19	20.95
		1745	20.88	21.18	21.20
		1717.5	20.96	21.29	21.44
	36RB-High (38)	1772.5	20.94	20.89	20.00
		1745	20.97	20.97	20.04
		1717.5	21.07	21.04	20.11
	36RB-Middle (19)	1772.5	21.04	20.96	20.01
		1745	20.95	20.87	20.45
		1717.5	21.08	21.05	20.09
	36RB-Low (0)	1772.5	20.91	20.95	20.03
		1745	21.03	20.96	20.07
		1717.5	21.11	21.05	20.04
	75RB (0)	1772.5	20.85	20.85	19.92
		1745	21.04	21.02	20.06
		1717.5	21.03	20.95	20.04
20MHz	1RB-High (99)	1770	20.87	21.14	21.03
		1745	20.88	21.07	21.08
		1720	20.94	21.33	21.27
	1RB-Middle (50)	1770	20.76	21.15	20.98
		1745	20.90	21.14	21.05
		1720	21.00	21.20	21.02
	1RB-Low (0)	1770	20.91	21.23	21.22
		1745	20.97	21.22	21.15
		1720	20.99	21.20	21.01
	50RB-High (50)	1770	20.99	20.94	21.01
		1745	21.09	20.95	21.03
		1720	21.05	21.04	21.11
	50RB-Middle	1770	21.00	20.96	21.03

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	(25)	1745	20.99	21.06	20.91
		1720	21.15	21.09	21.05
	50RB-Low (0)	1770	20.94	20.91	20.96
		1745	21.01	20.97	20.93
		1720	20.99	20.98	21.02
	100RB (0)	1770	20.88	20.84	20.86
		1745	21.04	21.03	21.00
		1720	21.11	21.04	21.02

Measured Plimit for DSI9

LTE B2 ANT1

Band 2					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1909.3	20.17	20.49	20.48
		1880	20.27	20.66	20.73
		1850.7	20.35	20.61	20.39
	1RB-Middle (3)	1909.3	20.28	20.46	20.59
		1880	20.23	20.56	20.36
		1850.7	20.69	20.78	20.55
	1RB-Low (0)	1909.3	20.32	20.49	20.47
		1880	20.44	20.73	20.60
		1850.7	20.48	20.59	20.87
	3RB-High (3)	1909.3	20.19	20.30	20.30
		1880	20.34	20.40	20.50
		1850.7	20.36	20.38	20.40
	3RB-Middle (1)	1909.3	20.26	20.12	20.33
		1880	20.47	20.40	20.62
		1850.7	20.46	20.52	20.52
	3RB-Low (0)	1909.3	20.24	20.35	20.43
		1880	20.31	20.40	20.54
		1850.7	20.41	20.47	20.59
	6RB (0)	1909.3	20.24	20.25	20.30
		1880	20.42	20.41	20.41
		1850.7	20.40	20.42	20.41
3MHz	1RB-High (14)	1908.5	20.20	20.55	20.44
		1880	20.37	20.65	20.64
		1851.5	20.48	20.53	20.40
	1RB-Middle (7)	1908.5	20.22	20.69	20.35
		1880	20.28	20.42	20.74
		1851.5	20.28	20.70	20.36

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	1RB-Low (0)	1908.5	20.35	20.73	20.60
		1880	20.48	20.71	20.60
		1851.5	20.55	20.86	20.71
	8RB-High (7)	1908.5	20.29	20.27	20.41
		1880	20.37	20.44	20.40
		1851.5	20.45	20.45	20.39
	8RB-Middle (4)	1908.5	20.28	20.47	20.41
		1880	20.48	20.56	20.54
		1851.5	20.55	20.54	20.52
	8RB-Low (0)	1908.5	20.49	20.57	20.56
		1880	20.42	20.49	20.59
		1851.5	20.51	20.62	20.57
	15RB (0)	1908.5	20.37	20.43	20.31
		1880	20.40	20.48	20.41
		1851.5	20.55	20.50	20.49
5MHz	1RB-High (24)	1912.5	20.31	20.59	20.55
		1882.5	20.47	20.65	20.38
		1852.5	20.46	20.69	20.65
	1RB-Middle (12)	1912.5	20.24	20.59	20.28
		1882.5	20.29	20.72	20.34
		1852.5	20.25	20.73	20.32
	1RB-Low (0)	1912.5	20.41	20.67	20.66
		1882.5	20.57	20.62	20.72
		1852.5	20.52	20.80	20.71
	12RB-High (13)	1912.5	20.33	20.48	20.41
		1882.5	20.48	20.46	20.48
		1852.5	20.40	20.51	20.50
	12RB-Middle (6)	1912.5	20.41	20.43	20.52
		1882.5	20.46	20.48	20.33
		1852.5	20.52	20.57	20.52
	12RB-Low (0)	1912.5	20.42	20.49	20.42
		1882.5	20.36	20.48	20.46
		1852.5	20.51	20.59	20.53
	25RB (0)	1912.5	20.40	20.36	20.36
		1882.5	20.41	20.43	20.42
		1852.5	20.47	20.57	20.58
10MHz	1RB-High (49)	1910	20.31	20.59	20.55
		1882.5	20.47	20.65	20.38
		1855	20.46	20.69	20.65
	1RB-Middle (24)	1910	20.24	20.59	20.28
		1882.5	20.29	20.72	20.34
		1855	20.25	20.73	20.32
	1RB-Low (0)	1910	20.41	20.67	20.66
		1882.5	20.57	20.62	20.72
		1855	20.52	20.80	20.71
	25RB-High (25)	1910	20.33	20.48	20.41
		1882.5	20.48	20.46	20.48
		1855	20.40	20.51	20.50

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	25RB-Middle (12)	1910	20.41	20.43	20.52
		1882.5	20.46	20.48	20.33
		1855	20.52	20.57	20.52
	25RB-Low (0)	1910	20.42	20.49	20.42
		1882.5	20.36	20.48	20.46
		1855	20.51	20.59	20.53
	50RB (0)	1910	20.40	20.36	20.36
		1882.5	20.41	20.43	20.42
		1855	20.47	20.57	20.58
15MHz	1RB-High (74)	1907.5	20.20	20.51	20.38
		1882.5	20.27	20.56	20.49
		1857.5	20.31	20.54	20.49
	1RB-Middle (37)	1907.5	20.21	20.56	20.37
		1882.5	20.31	20.48	20.30
		1857.5	20.32	20.54	20.48
	1RB-Low (0)	1907.5	20.23	20.52	20.48
		1882.5	20.33	20.56	20.42
		1857.5	20.38	20.71	20.44
	36RB-High (38)	1907.5	20.33	20.37	20.34
		1882.5	20.41	20.37	20.38
		1857.5	20.37	20.50	20.39
	36RB-Middle (19)	1907.5	20.29	20.33	20.27
		1882.5	20.41	20.34	20.31
		1857.5	20.50	20.42	20.51
	36RB-Low (0)	1907.5	20.34	20.31	20.37
		1882.5	20.41	20.46	20.44
		1857.5	20.43	20.47	20.33
	75RB (0)	1907.5	20.26	20.23	20.22
		1882.5	20.37	20.38	20.38
		1857.5	20.44	20.47	20.38
20MHz	1RB-High (99)	1905	20.22	20.58	20.58
		1882.5	20.29	20.59	20.66
		1860	20.40	20.74	20.32
	1RB-Middle (50)	1905	20.19	20.66	20.39
		1882.5	20.28	20.66	20.52
		1860	20.31	20.63	20.45
	1RB-Low (0)	1905	20.23	20.57	20.47
		1882.5	20.29	20.60	20.76
		1860	20.35	20.68	20.47
	50RB-High (50)	1905	20.40	20.37	19.77
		1882.5	20.43	20.51	20.25
		1860	20.46	20.49	20.23
	50RB-Middle (25)	1905	20.45	20.43	19.79
		1882.5	20.44	20.45	20.16
		1860	20.50	20.52	20.23
	50RB-Low (0)	1905	20.35	20.42	19.78
		1882.5	20.44	20.35	20.25
		1860	20.37	20.45	20.22

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	100RB (0)	1905	20.47	20.44	19.78
		1882.5	20.40	20.38	20.08
		1860	20.51	20.50	20.23

LTE B2 ANT6

Band 2					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1909.3	17.47	17.78	17.91
		1880	17.58	17.87	17.81
		1850.7	17.74	17.92	17.95
	1RB-Middle (3)	1909.3	17.62	17.97	17.60
		1880	17.95	17.91	17.91
		1850.7	18.06	18.10	18.14
	1RB-Low (0)	1909.3	17.55	17.91	17.82
		1880	17.55	17.89	17.77
		1850.7	17.81	17.98	18.04
	3RB-High (3)	1909.3	17.62	17.59	17.62
		1880	17.60	17.67	17.73
		1850.7	17.65	17.76	17.84
	3RB-Middle (1)	1909.3	17.60	17.67	17.81
		1880	17.69	17.58	17.59
		1850.7	17.77	17.84	17.59
	3RB-Low (0)	1909.3	17.58	17.65	17.74
		1880	17.71	17.83	17.71
		1850.7	17.74	17.91	17.82
	6RB (0)	1909.3	17.33	17.70	17.63
		1880	17.75	17.74	17.77
		1850.7	17.75	17.89	17.80
3MHz	1RB-High (14)	1908.5	17.52	17.97	17.74
		1880	17.60	17.96	17.80
		1851.5	17.68	17.95	18.03
	1RB-Middle (7)	1908.5	17.55	18.02	17.61
		1880	17.62	17.92	18.07
		1851.5	17.62	17.99	18.02
	1RB-Low (0)	1908.5	17.75	18.04	17.92
		1880	17.79	17.87	18.00
		1851.5	17.96	18.03	18.13
	8RB-High (7)	1908.5	17.70	17.69	17.70
		1880	17.68	17.69	17.74
		1851.5	17.74	17.75	17.82
	8RB-Middle (4)	1908.5	17.77	17.72	17.73
		1880	17.81	17.89	17.75

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		1851.5	17.87	17.84	17.90
	8RB-Low (0)	1908.5	17.76	17.74	17.82
		1880	17.77	17.77	17.78
		1851.5	17.85	17.95	17.89
	15RB (0)	1908.5	17.76	17.66	17.62
		1880	17.68	17.68	17.62
		1851.5	17.86	17.92	17.78
5MHz	1RB-High (24)	1907.5	17.67	17.97	17.86
		1880	17.72	17.92	18.14
		1852.5	17.72	18.14	17.97
	1RB-Middle (12)	1907.5	17.47	17.88	17.49
		1880	17.64	17.86	18.02
		1852.5	17.64	18.07	17.93
	1RB-Low (0)	1907.5	17.69	17.82	17.80
		1880	17.81	17.98	18.01
		1852.5	17.77	18.24	18.07
	12RB-High (13)	1907.5	17.66	17.63	17.65
		1880	17.74	17.83	17.68
		1852.5	17.79	17.82	17.79
	12RB-Middle (6)	1907.5	17.79	17.79	17.83
		1880	17.81	17.69	17.74
		1852.5	17.88	17.92	17.88
	12RB-Low (0)	1907.5	17.79	17.60	17.73
		1880	17.77	17.77	17.78
		1852.5	17.91	17.80	17.82
	25RB (0)	1907.5	17.71	17.71	17.73
		1880	17.74	17.63	17.69
		1852.5	17.84	17.84	17.80
10MHz	1RB-High (49)	1905 (19150)	17.68	17.90	17.65
		1880	17.67	17.97	17.61
		1855	17.72	18.06	18.03
	1RB-Middle (24)	1905 (19150)	17.79	17.81	17.84
		1880	17.75	17.87	18.05
		1855	17.91	18.15	17.94
	1RB-Low (0)	1905 (19150)	17.70	17.98	17.73
		1880	17.83	18.13	17.87
		1855	17.85	18.15	17.82
	25RB-High (25)	1905 (19150)	17.72	17.58	17.74
		1880	17.80	17.80	17.80
		1855	17.85	17.87	17.88
	25RB-Middle (12)	1905 (19150)	17.82	17.81	17.79
		1880	17.79	17.76	17.77
		1855	17.89	17.92	17.84
	25RB-Low (0)	1905 (19150)	17.69	17.73	17.73
		1880	17.79	17.69	17.77
		1855	17.83	17.89	17.94
	50RB (0)	1905 (19150)	17.60	17.66	17.75
		1880	17.80	17.76	17.78

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		1855	17.88	17.89	17.92
15MHz	1RB-High (74)	1902.5	17.50	17.87	17.69
		1880	17.59	17.75	17.93
		1857.5	17.51	17.89	18.00
	1RB-Middle (37)	1902.5	17.49	17.80	17.65
		1880	17.55	17.85	17.89
		1857.5	17.55	17.98	17.70
	1RB-Low (0)	1902.5	17.57	17.84	17.76
		1880	17.73	17.86	17.85
		1857.5	17.70	17.99	17.92
	36RB-High (38)	1902.5	17.67	17.62	17.64
		1880	17.69	17.68	17.75
		1857.5	17.87	17.82	17.81
	36RB-Middle (19)	1902.5	17.56	17.58	17.68
		1880	17.66	17.60	17.70
		1857.5	17.72	17.79	17.78
	36RB-Low (0)	1902.5	17.64	17.58	17.52
		1880	17.70	17.65	17.71
		1857.5	17.84	17.80	17.73
	75RB (0)	1902.5	17.65	17.63	17.53
		1880	17.68	17.64	17.60
		1857.5	17.77	17.70	17.71
20MHz	1RB-High (99)	1900 (19100)	17.56	17.68	17.66
		1880	17.53	17.77	17.77
		1860	17.62	18.00	17.71
	1RB-Middle (50)	1900 (19100)	17.42	17.74	17.68
		1880	17.51	17.82	17.69
		1860	17.63	17.98	17.74
	1RB-Low (0)	1900 (19100)	17.51	17.76	17.71
		1880	17.75	17.73	17.79
		1860	17.78	17.89	17.87
	50RB-High (50)	1900 (19100)	17.58	17.59	17.60
		1880	17.70	17.75	17.62
		1860	17.77	17.83	17.74
	50RB-Middle (25)	1900 (19100)	17.68	17.68	17.69
		1880	17.64	17.66	17.65
		1860	17.75	17.77	17.76
	50RB-Low (0)	1900 (19100)	17.64	17.58	17.59
		1880	17.67	17.70	17.69
		1860	17.70	17.74	17.72
	100RB (0)	1900 (19100)	17.66	17.69	17.69
		1880	17.66	17.56	17.66
		1860	17.78	17.82	17.72

LTE B4 ANT1

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Band 4					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1754.3	21.05		
		1732.5	21.06	21.26	21.06
		1710.7	21.12	21.33	21.34
	1RB-Middle (3)	1754.3	21.09	21.29	21.15
		1732.5	20.85	21.30	21.27
		1710.7	21.44	21.32	21.21
	1RB-Low (0)	1754.3	21.10	21.28	21.35
		1732.5	21.02	21.22	21.09
		1710.7	21.15	21.41	21.27
	3RB-High (3)	1754.3	21.01	20.99	21.07
		1732.5	20.90	21.07	21.05
		1710.7	20.98	21.12	21.13
	3RB-Middle (1)	1754.3	21.00	21.27	21.21
		1732.5	21.06	20.68	21.03
		1710.7	21.05	21.07	21.13
	3RB-Low (0)	1754.3	20.95	21.07	20.98
		1732.5	20.93	20.94	21.07
		1710.7	20.98	21.14	21.15
	6RB (0)	1754.3	21.05	20.98	21.02
		1732.5	21.08	21.09	21.00
		1710.7	21.05	21.20	21.12
3MHz	1RB-High (14)	1753.5	21.10	21.31	21.24
		1732.5	21.04	21.27	21.30
		1711.5	21.09	21.40	21.39
	1RB-Middle (7)	1753.5	20.88	21.29	20.84
		1732.5	20.91	20.93	21.37
		1711.5	20.85	21.34	20.90
	1RB-Low (0)	1753.5	21.20	21.31	21.16
		1732.5	21.11	21.41	21.27
		1711.5	21.01	21.36	21.49
	8RB-High (7)	1753.5	21.12	21.15	21.24
		1732.5	21.10	21.29	21.09
		1711.5	21.10	21.14	21.18
	8RB-Middle (4)	1753.5	21.13	21.15	21.12
		1732.5	21.19	21.13	21.14
		1711.5	21.26	21.27	21.24
	8RB-Low (0)	1753.5	21.10	21.21	21.24
		1732.5	21.11	21.17	21.16
		1711.5	21.16	21.27	21.14
	15RB (0)	1753.5	21.12	21.21	21.01
		1732.5	21.06	21.13	21.04
		1711.5	21.15	21.24	21.10

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5MHz	1RB-High (24)	1752.5	21.04	21.54	21.36
		1732.5	21.05	21.47	21.32
		1712.5	21.24	21.54	21.32
	1RB-Middle (12)	1752.5	20.89	21.11	20.96
		1732.5	21.06	21.47	20.99
		1712.5	20.91	21.35	21.14
	1RB-Low (0)	1752.5	21.17	21.50	21.25
		1732.5	21.17	21.31	21.30
		1712.5	21.29	21.42	21.41
	12RB-High (13)	1752.5	21.13	21.16	21.17
		1732.5	21.11	21.11	21.10
		1712.5	21.07	21.00	21.02
	12RB-Middle (6)	1752.5	21.15	21.09	21.07
		1732.5	21.12	21.22	21.12
		1712.5	21.18	21.21	21.00
	12RB-Low (0)	1752.5	21.14	21.12	21.22
		1732.5	21.08	21.10	20.96
		1712.5	21.11	21.17	21.05
	25RB (0)	1752.5	21.16	21.15	21.15
		1732.5	21.09	21.12	21.03
		1712.5	21.19	21.19	21.13
10MHz	1RB-High (49)	1750	21.00	21.39	21.32
		1732.5	21.05	21.39	20.92
		1715	21.06	21.26	21.04
	1RB-Middle (24)	1750	20.98	21.40	21.36
		1732.5	21.00	21.13	21.31
		1715	21.20	21.35	21.39
	1RB-Low (0)	1750	21.22	21.44	21.18
		1732.5	20.93	21.37	21.16
		1715	21.12	21.52	21.11
	25RB-High (25)	1750	21.10	21.15	21.10
		1732.5	21.19	21.12	21.12
		1715	21.21	21.06	21.08
	25RB-Middle (12)	1750	21.08	21.14	21.16
		1732.5	21.12	21.15	21.15
		1715	21.27	21.13	21.26
	25RB-Low (0)	1750	21.12	21.09	21.12
		1732.5	21.09	21.12	21.09
		1715	21.18	21.22	21.12
	50RB (0)	1750	21.16	21.13	21.05
		1732.5	21.19	21.13	21.14
		1715	21.21	21.22	21.22
15MHz	1RB-High (74)	1747.5	20.89	21.12	21.27
		1732.5	20.88	21.12	21.08
		1717.5	20.98	21.07	20.97
	1RB-Middle (37)	1747.5	20.83	21.22	20.98
		1732.5	20.94	21.16	21.12
		1717.5	20.87	21.17	20.89

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	1RB-Low (0)	1747.5	20.96	21.14	21.07
		1732.5	20.88	21.20	21.34
		1717.5	20.98	21.25	21.46
	36RB-High (38)	1747.5	21.06	20.96	20.82
		1732.5	21.08	20.97	20.88
		1717.5	21.11	21.03	20.86
	36RB-Middle (19)	1747.5	21.13	21.02	20.84
		1732.5	21.10	21.04	20.88
		1717.5	21.03	21.04	20.88
	36RB-Low (0)	1747.5	21.05	20.97	20.80
		1732.5	21.01	20.95	20.85
		1717.5	21.07	21.02	20.94
	75RB (0)	1747.5	21.01	21.02	20.82
		1732.5	21.09	21.01	20.80
		1717.5	21.10	21.11	20.85
20MHz	1RB-High (99)	1745	20.86	21.17	21.20
		1732.5	20.97	21.10	21.02
		1720	20.96	21.09	21.20
	1RB-Middle (50)	1745	20.91	21.22	21.04
		1732.5	20.89	21.25	21.05
		1720	20.96	21.16	21.37
	1RB-Low (0)	1745	21.02	21.34	21.09
		1732.5	20.94	21.23	21.06
		1720	21.06	21.20	21.12
	50RB-High (50)	1745	21.02	20.99	20.86
		1732.5	21.05	21.03	20.77
		1720	21.07	21.00	20.81
	50RB-Middle (25)	1745	20.98	21.03	20.77
		1732.5	21.06	21.08	20.84
		1720	21.06	21.11	20.92
	50RB-Low (0)	1745	21.04	20.92	20.85
		1732.5	20.99	21.02	20.73
		1720	20.98	20.91	20.87
	100RB (0)	1745	21.03	20.97	20.82
		1732.5	20.98	21.06	20.73
		1720	21.06	21.06	20.83

LTE B4 ANT6

Band 4					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1754.3	18.66	19.07	19.09
		1732.5	19.00	19.29	19.19
		1710.7	19.10	19.30	19.13

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	1RB-Middle (3)	1754.3	19.09	19.04	19.01
		1732.5	19.26	19.24	19.19
		1710.7	19.36	19.30	19.53
	1RB-Low (0)	1754.3	18.86	19.13	19.08
		1732.5	18.81	19.28	19.02
		1710.7	19.09	19.30	19.13
	3RB-High (3)	1754.3	18.82	18.82	18.92
		1732.5	18.83	18.97	19.02
		1710.7	18.98	19.03	18.89
	3RB-Middle (1)	1754.3	18.83	18.91	19.00
		1732.5	18.91	19.01	18.99
		1710.7	19.08	18.91	19.20
	3RB-Low (0)	1754.3	18.76	18.84	18.93
		1732.5	18.90	19.07	19.07
		1710.7	19.01	19.12	19.18
	6RB (0)	1754.3	18.83	18.89	18.86
		1732.5	18.89	18.99	18.92
		1710.7	19.07	19.06	19.09
3MHz	1RB-High (14)	1753.5	18.96	19.09	19.19
		1732.5	19.16	19.20	19.14
		1711.5	19.17	19.36	19.42
	1RB-Middle (7)	1753.5	18.71	19.19	18.77
		1732.5	18.85	18.95	18.96
		1711.5	18.87	19.16	18.95
	1RB-Low (0)	1753.5	19.00	19.19	19.21
		1732.5	19.10	19.38	19.25
		1711.5	19.29	19.35	19.44
	8RB-High (7)	1753.5	18.92	19.01	19.00
		1732.5	19.03	18.98	19.09
		1711.5	19.07	19.35	19.21
	8RB-Middle (4)	1753.5	19.01	19.04	18.90
		1732.5	19.09	19.08	19.03
		1711.5	19.11	19.21	19.19
	8RB-Low (0)	1753.5	18.97	19.09	18.93
		1732.5	18.97	19.01	19.09
		1711.5	19.12	19.11	19.24
	15RB (0)	1753.5	18.88	18.99	18.84
		1732.5	18.99	19.04	18.88
		1711.5	19.08	19.21	19.11
5MHz	1RB-High (24)	1752.5	18.97	19.19	19.38
		1732.5	18.93	19.28	19.25
		1712.5	19.22	19.37	19.40
	1RB-Middle (12)	1752.5	18.78	19.25	19.25
		1732.5	18.82	19.31	19.16
		1712.5	18.85	19.19	18.96
	1RB-Low (0)	1752.5	18.92	19.15	19.38
		1732.5	18.95	19.22	19.06
		1712.5	19.21	19.41	19.29

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	12RB-High (13)	1752.5	18.89	19.00	19.26
		1732.5	19.02	19.00	19.05
		1712.5	19.06	19.18	19.08
	12RB-Middle (6)	1752.5	18.99	19.03	19.24
		1732.5	19.01	19.09	19.09
		1712.5	19.11	19.16	19.12
	12RB-Low (0)	1752.5	18.97	19.06	19.01
		1732.5	18.94	18.97	18.92
		1712.5	19.13	19.18	19.03
	25RB (0)	1752.5	19.00	19.00	19.36
		1732.5	18.99	19.00	19.12
		1712.5	19.13	19.16	19.19
10MHz	1RB-High (49)	1750	18.82	19.11	18.72
		1732.5	18.99	19.12	18.91
		1715	18.94	19.11	19.33
	1RB-Middle (24)	1750	18.78	19.19	19.25
		1732.5	18.83	19.14	19.25
		1715	19.07	19.37	19.35
	1RB-Low (0)	1750	18.87	19.00	19.03
		1732.5	19.00	19.13	19.05
		1715	19.05	19.19	19.11
	25RB-High (25)	1750	18.91	18.98	18.99
		1732.5	18.99	19.07	18.95
		1715	19.07	19.12	19.10
	25RB-Middle (12)	1750	18.97	18.97	18.96
		1732.5	19.02	19.04	18.99
		1715	19.16	19.09	19.19
	25RB-Low (0)	1750	18.99	19.00	18.98
		1732.5	18.96	19.02	19.08
		1715	19.16	19.17	19.22
	50RB (0)	1750	18.94	18.85	18.93
		1732.5	19.11	19.03	19.07
		1715	19.05	19.18	19.25
15MHz	1RB-High (74)	1747.5	18.73	18.96	18.81
		1732.5	18.78	18.82	18.74
		1717.5	18.82	19.12	19.03
	1RB-Middle (37)	1747.5	18.75	18.99	18.79
		1732.5	18.82	19.19	18.92
		1717.5	18.82	19.22	18.89
	1RB-Low (0)	1747.5	18.84	19.17	18.94
		1732.5	18.95	19.16	19.12
		1717.5	18.91	19.16	18.98
	36RB-High (38)	1747.5	18.79	18.89	18.86
		1732.5	18.92	18.92	18.91
		1717.5	19.00	19.02	19.01
	36RB-Middle (19)	1747.5	18.90	18.88	18.89
		1732.5	18.95	18.95	18.93
		1717.5	19.06	19.10	18.98

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	36RB-Low (0)	1747.5	18.86	18.88	18.85
		1732.5	18.86	18.88	18.95
		1717.5	19.04	19.07	18.96
	75RB (0)	1747.5	18.87	18.90	18.89
		1732.5	18.94	18.96	18.93
		1717.5	19.04	19.04	18.95
20MHz	1RB-High (99)	1745	18.70	18.97	18.84
		1732.5	18.93	18.94	18.97
		1720	18.93	19.13	18.84
	1RB-Middle (50)	1745	18.76	19.10	18.88
		1732.5	18.74	19.24	18.97
		1720	18.86	19.17	18.99
	1RB-Low (0)	1745	18.87	19.11	19.04
		1732.5	18.92	19.06	18.97
		1720	18.95	19.19	19.00
	50RB-High (50)	1745	18.93	18.89	18.85
		1732.5	18.97	18.94	18.92
		1720	19.00	18.95	18.96
	50RB-Middle (25)	1745	18.96	18.82	18.89
		1732.5	18.99	19.01	19.02
		1720	19.04	19.06	18.93
	50RB-Low (0)	1745	18.92	18.88	18.96
		1732.5	18.95	18.86	18.86
		1720	18.97	19.00	18.95
	100RB (0)	1745	18.92	18.86	18.82
		1732.5	19.03	18.99	19.00
		1720	19.00	18.96	19.02

LTE B5 ANT0

Band 5					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	848.3	22.32	22.54	22.61
		836.5	22.38	22.69	22.80
		824.7	22.40	22.67	22.62
	1RB-Middle (3)	848.3	22.47	22.63	22.47
		836.5	22.64	22.62	22.67
		824.7	22.53	22.79	22.67
	1RB-Low (0)	848.3	22.27	22.67	22.51
		836.5	22.32	22.57	22.49
		824.7	22.38	22.57	22.46
	3RB-High (3)	848.3	22.27	22.43	22.43
		836.5	22.42	22.38	22.48
		824.7	22.43	22.48	22.44

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	3RB-Middle (1)	848.3	22.29	22.43	22.43
		836.5	22.46	22.43	22.57
		824.7	22.42	22.23	22.46
	3RB-Low (0)	848.3	22.37	22.42	22.40
		836.5	22.34	22.40	22.52
		824.7	22.37	22.58	22.49
	6RB (0)	848.3	22.37	22.51	22.41
		836.5	22.31	22.34	22.31
		824.7	22.43	22.47	22.22
3MHz	1RB-High (14)	847.5	22.46	22.67	22.55
		836.5	22.47	22.80	22.51
		825.5	22.40	22.73	22.71
	1RB-Middle (7)	847.5	22.31	22.55	22.41
		836.5	22.44	23.03	22.38
		825.5	22.38	22.76	22.59
	1RB-Low (0)	847.5	22.51	22.81	22.55
		836.5	22.40	22.84	22.69
		825.5	22.52	22.79	22.70
	8RB-High (7)	847.5	22.46	22.51	22.63
		836.5	22.64	22.48	22.64
		825.5	22.62	22.47	22.66
	8RB-Middle (4)	847.5	22.49	22.56	22.45
		836.5	22.50	22.55	22.40
		825.5	22.57	22.58	22.59
	8RB-Low (0)	847.5	22.44	22.57	22.54
		836.5	22.42	22.46	22.56
		825.5	22.56	22.50	22.67
	15RB (0)	847.5	22.51	22.50	22.47
		836.5	22.49	22.39	22.38
		825.5	22.50	22.61	22.50
5MHz	1RB-High (24)	846.5	22.40	22.71	22.60
		836.5	22.55	22.78	22.54
		826.5	22.50	22.87	22.31
	1RB-Middle (12)	846.5	22.32	22.70	22.61
		836.5	22.33	22.93	22.58
		826.5	22.32	22.91	22.61
	1RB-Low (0)	846.5	22.44	22.77	22.85
		836.5	22.71	22.86	22.64
		826.5	22.51	22.93	22.57
	12RB-High (13)	846.5	22.53	22.50	22.69
		836.5	22.53	22.64	22.71
		826.5	22.50	22.60	22.58
	12RB-Middle (6)	846.5	22.43	22.50	22.56
		836.5	22.53	22.50	22.67
		826.5	22.48	22.57	22.38
	12RB-Low (0)	846.5	22.42	22.49	22.49
		836.5	22.57	22.57	22.56
		826.5	22.57	22.57	22.73

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	25RB (0)	846.5	22.42	22.50	22.61
		836.5	22.51	22.50	22.57
		826.5	22.53	22.57	22.42
10MHz	1RB-High (49)	844 (20600)	22.36	22.68	22.74
		836.5	22.47	22.78	22.55
		829 (20450)	22.51	22.86	22.43
	1RB-Middle (24)	844 (20600)	22.57	22.68	22.64
		836.5	22.52	22.55	22.77
		829 (20450)	22.43	22.83	22.88
	1RB-Low (0)	844 (20600)	22.62	22.92	22.75
		836.5	22.43	22.81	22.73
		829 (20450)	22.58	22.97	22.60
	25RB-High (25)	844 (20600)	22.58	22.55	21.55
		836.5	22.57	22.59	21.64
		829 (20450)	22.54	22.55	21.65
	25RB-Middle (12)	844 (20600)	22.50	22.55	21.65
		836.5	22.53	22.57	21.59
		829 (20450)	22.63	22.64	21.71
	25RB-Low (0)	844 (20600)	22.52	22.52	21.54
		836.5	22.54	22.56	21.58
		829 (20450)	22.48	22.51	21.66
	50RB (0)	844 (20600)	22.45	22.61	21.51
		836.5	22.54	22.55	21.53
		829 (20450)	22.57	22.55	21.59

LTE B5 ANT2

Band 5					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	848.3	22.22	22.62	22.67
		836.5	22.34	22.74	22.57
		824.7	22.32	22.76	22.58
	1RB-Middle (3)	848.3	22.64	22.67	22.75
		836.5	22.59	22.60	22.67
		824.7	22.55	22.71	22.59
	1RB-Low (0)	848.3	22.25	22.50	22.46
		836.5	22.38	22.64	22.52
		824.7	22.29	22.60	22.68
	3RB-High (3)	848.3	22.32	22.36	22.47
		836.5	22.39	22.34	22.54
		824.7	22.42	22.49	22.55
	3RB-Middle (1)	848.3	22.31	22.38	22.41
		836.5	22.45	22.41	22.46
		824.7	22.42	22.64	22.55
	3RB-Low (0)	848.3	22.30	22.42	22.26
		836.5	22.31	22.39	22.32

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		824.7	22.39	22.58	22.53
	6RB (0)	848.3	22.30	22.51	21.76
		836.5	22.37	22.44	21.88
		824.7	22.45	22.55	21.92
3MHz	1RB-High (14)	847.5	22.37	22.79	22.56
		836.5	22.44	22.65	22.81
		825.5	22.46	22.77	22.67
	1RB-Middle (7)	847.5	22.31	22.62	22.31
		836.5	22.30	22.94	22.56
		825.5	22.27	22.86	22.32
	1RB-Low (0)	847.5	22.36	22.73	22.50
		836.5	22.50	22.90	22.63
		825.5	22.55	22.78	22.62
	8RB-High (7)	847.5	22.45	22.47	22.45
		836.5	22.51	22.56	22.62
		825.5	22.50	22.46	22.61
	8RB-Middle (4)	847.5	22.45	22.57	22.53
		836.5	22.43	22.53	22.48
		825.5	22.50	22.58	22.55
	8RB-Low (0)	847.5	22.51	22.56	22.50
		836.5	22.44	22.52	22.51
		825.5	22.58	22.57	22.62
	15RB (0)	847.5	22.48	22.46	22.36
		836.5	22.47	22.47	22.36
		825.5	22.58	22.57	22.48
5MHz	1RB-High (24)	846.5	22.37	22.65	22.55
		836.5	22.43	22.77	22.81
		826.5	22.43	22.85	22.67
	1RB-Middle (12)	846.5	22.34	22.34	22.51
		836.5	22.34	22.72	22.70
		826.5	22.31	22.78	22.63
	1RB-Low (0)	846.5	22.33	22.70	22.58
		836.5	22.48	22.86	22.68
		826.5	22.53	22.92	22.75
	12RB-High (13)	846.5	22.40	22.50	21.84
		836.5	22.49	22.60	21.87
		826.5	22.51	22.55	21.80
	12RB-Middle (6)	846.5	22.38	22.44	21.73
		836.5	22.41	22.51	21.73
		826.5	22.55	22.56	21.85
	12RB-Low (0)	846.5	22.41	22.42	21.63
		836.5	22.47	22.47	21.76
		826.5	22.53	22.60	21.85
	25RB (0)	846.5	22.39	22.44	21.72
		836.5	22.46	22.49	21.68
		826.5	22.52	22.58	21.84
10MHz	1RB-High (49)	844 (20600)	22.34	22.79	22.66
		836.5	22.47	22.76	22.69

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		829 (20450)	22.46	22.91	22.42
	1RB-Middle (24)	844 (20600)	22.56	22.69	22.58
		836.5	22.43	22.71	22.81
		829 (20450)	22.48	22.85	22.95
	1RB-Low (0)	844 (20600)	22.66	22.83	22.64
		836.5	22.46	22.91	22.48
		829 (20450)	22.60	23.00	22.68
	25RB-High (25)	844 (20600)	22.54	22.63	21.61
		836.5	22.59	22.58	21.66
		829 (20450)	22.58	22.67	21.65
	25RB-Middle (12)	844 (20600)	22.50	22.60	21.57
		836.5	22.62	22.59	21.67
		829 (20450)	22.66	22.65	21.64
	25RB-Low (0)	844 (20600)	22.56	22.56	21.55
		836.5	22.51	22.48	21.62
		829 (20450)	22.51	22.58	21.58
	50RB (0)	844 (20600)	22.51	22.59	21.57
		836.5	22.50	22.60	21.50
		829 (20450)	22.64	22.61	21.52

LTE B7 ANT3

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	20.07	20.44	20.31
		2535	20.11	20.30	20.36
		2502.5	19.86	19.94	20.06
	1RB-Middle (12)	2567.5	19.96	20.07	20.07
		2535	19.79	20.01	19.96
		2502.5	19.91	20.08	19.72
	1RB-Low (0)	2567.5	20.04	20.17	20.48
		2535	19.88	20.22	20.23
		2502.5	19.71	20.02	20.04
	12RB-High (13)	2567.5	20.12	19.97	19.99
		2535	20.05	20.10	20.12
		2502.5	19.79	20.00	19.79
	12RB-Middle (6)	2567.5	20.11	20.21	20.17
		2535	19.96	20.14	19.98
		2502.5	19.78	19.78	19.85
	12RB-Low (0)	2567.5	20.00	19.93	20.10
		2535	19.89	19.85	20.03
		2502.5	19.73	19.78	19.71
	25RB (0)	2567.5	20.07	20.08	20.01
		2535	20.00	19.97	20.00

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		2502.5	19.85	19.79	19.67
10MHz	1RB-High (49)	2565	20.04	20.15	20.17
		2535	20.08	20.24	20.08
		2505	19.72	20.21	19.71
	1RB-Middle (24)	2565	20.05	20.50	20.12
		2535	20.03	20.42	20.29
		2505	19.73	19.92	20.01
	1RB-Low (0)	2565	19.99	20.41	20.09
		2535	19.88	20.21	20.09
		2505	19.64	19.99	19.66
	25RB-High (25)	2565	20.07	20.12	20.21
		2535	19.97	20.08	20.03
		2505	19.79	19.89	19.78
	25RB-Middle (12)	2565	19.97	20.16	20.23
		2535	19.99	20.03	20.06
		2505	19.82	19.89	19.82
	25RB-Low (0)	2565	20.08	20.17	20.10
		2535	19.90	20.04	19.93
		2505	19.76	19.92	19.79
	50RB (0)	2565	20.00	20.19	20.02
		2535	19.96	20.03	19.98
		2505	19.73	19.83	19.74
15MHz	1RB-High (74)	2562.5	19.97	20.17	19.96
		2535	19.80	19.91	19.89
		2507.5	19.55	19.75	19.63
	1RB-Middle (37)	2562.5	19.87	20.15	19.89
		2535	19.80	20.01	19.71
		2507.5	19.48	19.95	19.66
	1RB-Low (0)	2562.5	19.85	20.15	20.07
		2535	19.78	19.80	19.89
		2507.5	19.48	19.79	19.60
	36RB-High (38)	2562.5	19.98	19.95	19.96
		2535	20.00	19.94	19.96
		2507.5	19.73	19.69	19.70
	36RB-Middle (19)	2562.5	20.03	20.02	20.09
		2535	19.87	19.92	19.91
		2507.5	19.65	19.65	19.65
	36RB-Low (0)	2562.5	20.06	19.91	20.02
		2535	19.82	19.86	19.75
		2507.5	19.57	19.64	19.73
	75RB (0)	2562.5	20.06	20.01	19.99
		2535	19.88	19.83	19.85
		2507.5	19.68	19.83	19.71
20MHz	1RB-High (99)	2560	19.82	19.96	20.01
		2535	19.88	20.12	20.04
		2510	19.68	19.95	20.10
	1RB-Middle (50)	2560	19.88	20.18	20.23
		2535	19.82	20.00	20.24

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		2510	19.49	19.88	19.85
	1RB-Low (0)	2560	19.97	20.17	20.10
		2535	19.67	19.96	20.04
		2510	19.53	19.81	19.97
	50RB-High (50)	2560	20.06	20.05	20.01
		2535	20.00	20.00	20.00
		2510	19.74	19.65	19.85
	50RB-Middle (25)	2560	20.07	20.01	19.98
		2535	19.87	19.92	19.95
		2510	19.75	19.71	19.80
	50RB-Low (0)	2560	20.01	20.03	20.04
		2535	19.86	19.90	19.94
		2510	19.63	19.73	19.65
	100RB (0)	2560	19.97	20.02	20.12
		2535	19.92	19.88	19.89
		2510	19.80	19.75	19.79

LTE B7 ANT9

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	20.02	20.44	20.16
		2535	20.11	20.36	20.06
		2502.5	19.67	19.94	20.04
	1RB-Middle (12)	2567.5	19.92	20.39	20.20
		2535	20.04	20.29	20.14
		2502.5	19.54	19.83	19.46
	1RB-Low (0)	2567.5	20.13	20.33	20.29
		2535	19.93	20.29	20.29
		2502.5	19.69	19.90	20.02
	12RB-High (13)	2567.5	20.12	20.17	20.17
		2535	20.13	20.07	20.13
		2502.5	19.81	19.82	19.74
	12RB-Middle (6)	2567.5	20.17	20.18	20.20
		2535	20.10	20.14	20.13
		2502.5	19.71	19.79	19.74
	12RB-Low (0)	2567.5	20.06	20.10	20.06
		2535	20.06	19.92	20.09
		2502.5	19.71	19.71	19.62
	25RB (0)	2567.5	20.08	20.17	20.04
		2535	20.10	20.02	20.08
		2502.5	19.73	19.73	19.66
10MHz	1RB-High (49)	2565	20.21	20.35	20.08
		2535	20.10	20.37	20.45

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		2505	19.72	19.99	20.16
	1RB-Middle (24)	2565	19.98	20.17	20.31
		2535	19.98	20.29	20.30
		2505	19.60	19.98	19.93
	1RB-Low (0)	2565	20.13	20.43	20.25
		2535	19.99	20.20	20.13
		2505	19.64	19.90	19.85
	25RB-High (25)	2565	20.12	20.22	20.16
		2535	20.14	20.18	20.14
		2505	19.81	19.90	19.83
	25RB-Middle (12)	2565	20.09	20.15	20.03
		2535	20.11	20.12	20.13
		2505	19.82	19.81	19.76
	25RB-Low (0)	2565	20.08	20.15	20.11
		2535	20.00	20.13	20.14
		2505	19.81	19.78	19.80
	50RB (0)	2565	20.08	20.11	20.04
		2535	20.08	20.16	20.01
		2505	19.79	19.75	19.70
15MHz	1RB-High (74)	2562.5	19.93	20.07	20.06
		2535	19.92	20.30	20.02
		2507.5	19.52	19.98	19.75
	1RB-Middle (37)	2562.5	19.87	20.12	20.07
		2535	19.78	20.24	20.04
		2507.5	19.43	19.79	19.43
	1RB-Low (0)	2562.5	19.87	20.20	19.99
		2535	19.83	20.08	19.91
		2507.5	19.45	19.62	19.53
	36RB-High (38)	2562.5	20.00	20.03	20.04
		2535	20.09	20.06	20.11
		2507.5	19.70	19.72	19.71
	36RB-Middle (19)	2562.5	20.02	20.06	20.04
		2535	20.00	20.04	19.95
		2507.5	19.67	19.65	19.65
	36RB-Low (0)	2562.5	20.01	20.04	19.99
		2535	19.86	20.04	20.02
		2507.5	19.61	19.65	19.53
	75RB (0)	2562.5	20.08	20.03	20.13
		2535	20.04	20.04	19.96
		2507.5	19.66	19.69	19.62
20MHz	1RB-High (99)	2560	19.75	20.08	20.23
		2535	19.95	20.14	20.31
		2510	19.69	20.02	20.00
	1RB-Middle (50)	2560	19.87	20.33	20.04
		2535	19.94	20.20	20.27
		2510	19.52	19.86	19.76
	1RB-Low (0)	2560	19.89	20.22	20.19
		2535	19.76	20.17	19.93

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		2510	19.53	19.74	19.72
	50RB-High (50)	2560	20.04	19.97	19.08
		2535	20.10	20.10	19.01
		2510	19.78	19.76	18.84
	50RB-Middle (25)	2560	19.97	20.05	19.02
		2535	19.97	20.06	19.06
		2510	19.72	19.78	18.82
	50RB-Low (0)	2560	20.07	20.08	19.11
		2535	20.02	20.08	19.01
		2510	19.56	19.55	18.80
	100RB (0)	2560	20.07	20.06	19.05
		2535	20.00	20.07	19.02
		2510	19.76	19.77	18.96

LTE B7 ANT1

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	20.12	20.52	20.47
		2535	20.21	20.46	20.41
		2502.5	20.43	20.78	20.53
	1RB-Middle (12)	2567.5	20.00	20.30	20.06
		2535	20.15	20.18	20.24
		2502.5	20.38	20.54	20.36
	1RB-Low (0)	2567.5	20.26	20.61	20.40
		2535	20.13	20.50	20.40
		2502.5	20.59	20.59	20.78
	12RB-High (13)	2567.5	20.27	20.51	20.41
		2535	20.24	20.27	20.28
		2502.5	20.56	20.39	20.59
	12RB-Middle (6)	2567.5	20.21	20.47	20.48
		2535	20.18	20.21	20.25
		2502.5	20.56	20.59	20.57
	12RB-Low (0)	2567.5	20.03	20.38	20.38
		2535	20.07	20.17	20.18
		2502.5	20.41	20.48	20.40
	25RB (0)	2567.5	20.18	20.35	20.30
		2535	20.12	20.11	20.27
		2502.5	20.45	20.52	20.44
10MHz	1RB-High (49)	2565	20.29	20.72	20.39
		2535	20.14	20.45	20.19
		2505	20.42	20.70	20.60
	1RB-Middle (24)	2565	20.05	20.51	20.46
		2535	20.09	20.49	20.27
		2505	20.36	20.66	20.51
	1RB-Low (0)	2565	20.19	20.67	20.34

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		2535	20.15	20.46	20.20
		2505	20.51	20.42	20.32
	25RB-High (25)	2565	20.31	20.45	20.32
		2535	20.26	20.27	20.25
		2505	20.41	20.51	20.43
	25RB-Middle (12)	2565	20.33	20.40	20.40
		2535	20.13	20.16	20.23
		2505	20.50	20.56	20.36
	25RB-Low (0)	2565	20.26	20.32	20.38
		2535	20.19	20.24	20.12
		2505	20.53	20.55	20.56
	50RB (0)	2565	20.30	20.32	20.31
		2535	20.19	20.16	20.22
		2505	20.50	20.54	20.57
15MHz	1RB-High (74)	2562.5	19.91	20.18	19.97
		2535	19.85	20.13	20.28
		2507.5	19.96	20.37	20.45
	1RB-Middle (37)	2562.5	19.78	20.11	20.11
		2535	19.92	20.37	20.10
		2507.5	20.13	20.35	20.40
	1RB-Low (0)	2562.5	19.94	20.41	20.32
		2535	19.93	20.24	20.30
		2507.5	20.36	20.18	20.26
	36RB-High (38)	2562.5	20.05	20.25	20.17
		2535	20.05	20.02	20.05
		2507.5	20.25	20.24	20.24
	36RB-Middle (19)	2562.5	19.96	20.16	20.05
		2535	20.05	20.00	20.08
		2507.5	20.28	20.32	20.34
	36RB-Low (0)	2562.5	20.02	20.10	20.19
		2535	20.12	20.02	20.12
		2507.5	20.21	20.26	20.33
	75RB (0)	2562.5	19.98	20.19	20.22
		2535	19.92	20.04	20.02
		2507.5	20.29	20.29	20.36
20MHz	1RB-High (99)	2560	20.21	20.15	20.15
		2535	19.92	20.24	20.27
		2510	20.06	20.38	20.48
	1RB-Middle (50)	2560	20.05	20.34	19.94
		2535	19.94	20.09	19.97
		2510	20.14	20.41	20.24
	1RB-Low (0)	2560	19.98	20.31	20.19
		2535	19.88	20.22	20.29
		2510	20.27	20.14	20.09
	50RB-High (50)	2560	20.24	20.14	20.18
		2535	20.04	20.05	20.08
		2510	20.20	20.22	20.21
	50RB-Middle	2560	20.13	20.20	20.11

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	(25)	2535	20.00	20.09	19.95
		2510	20.32	20.23	20.31
	50RB-Low (0)	2560	20.11	20.15	20.19
		2535	20.05	20.01	20.05
		2510	20.28	20.20	20.22
	100RB (0)	2560	20.16	20.16	20.18
		2535	20.03	20.10	20.11
		2510	20.25	20.40	20.28

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Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	16.24	16.50	16.58
		2535	16.36	16.80	16.76
		2502.5	16.39	16.64	16.69
	1RB-Middle (12)	2567.5	16.20	16.49	16.56
		2535	16.27	16.62	16.61
		2502.5	16.23	16.57	16.53
	1RB-Low (0)	2567.5	16.19	16.51	16.61
		2535	16.36	16.69	16.54
		2502.5	16.60	16.66	16.57
	12RB-High (13)	2567.5	16.15	16.58	16.51
		2535	16.44	16.59	16.58
		2502.5	16.44	16.51	16.54
	12RB-Middle (6)	2567.5	16.12	16.61	16.46
		2535	16.34	16.59	16.60
		2502.5	16.53	16.47	16.48
	12RB-Low (0)	2567.5	16.18	16.43	16.43
		2535	16.30	16.43	16.41
		2502.5	16.32	16.43	16.40
	25RB (0)	2567.5	16.27	16.52	16.45
		2535	16.37	16.52	16.51
		2502.5	16.42	16.43	16.42
10MHz	1RB-High (49)	2565	16.27	16.54	16.59
		2535	16.35	16.78	16.64
		2505	16.32	16.76	16.64
	1RB-Middle (24)	2565	16.15	16.52	16.59
		2535	16.45	16.14	16.83
		2505	16.33	16.67	16.55
	1RB-Low (0)	2565	16.11	16.53	16.44
		2535	16.38	16.56	16.57
		2505	16.48	16.68	16.61
	25RB-High (25)	2565	16.15	16.58	16.54
		2535	16.41	16.59	16.57
		2505	16.45	16.41	16.47

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	25RB-Middle (12)	2565	16.21	16.53	16.49
		2535	16.41	16.55	16.51
		2505	16.46	16.50	16.50
	25RB-Low (0)	2565	16.12	16.46	16.50
		2535	16.37	16.48	16.55
		2505	16.44	16.47	16.44
	50RB (0)	2565	16.24	16.58	16.46
		2535	16.34	16.53	16.60
		2505	16.43	16.48	16.44
15MHz	1RB-High (74)	2562.5	16.29	16.42	16.39
		2535	16.11	16.42	16.51
		2507.5	16.15	16.48	16.42
	1RB-Middle (37)	2562.5	16.21	16.39	16.21
		2535	15.94	16.36	16.37
		2507.5	16.12	16.43	16.45
	1RB-Low (0)	2562.5	16.11	16.39	16.32
		2535	16.10	16.48	16.40
		2507.5	16.18	16.42	16.25
	36RB-High (38)	2562.5	16.20	16.37	16.30
		2535	16.19	16.34	16.37
		2507.5	16.28	16.24	16.29
	36RB-Middle (19)	2562.5	16.15	16.29	16.35
		2535	16.19	16.28	16.28
		2507.5	16.33	16.25	16.29
	36RB-Low (0)	2562.5	16.16	16.30	16.27
		2535	16.24	16.27	16.29
		2507.5	16.20	16.23	16.28
	75RB (0)	2562.5	16.18	16.36	16.21
		2535	16.14	16.39	16.36
		2507.5	16.29	16.29	16.27
20MHz	1RB-High (99)	2560	16.12	16.39	16.12
		2535	16.08	16.51	16.48
		2510	16.05	16.47	16.32
	1RB-Middle (50)	2560	16.09	16.50	16.07
		2535	16.15	16.47	16.28
		2510	16.07	16.42	16.34
	1RB-Low (0)	2560	16.04	16.43	16.40
		2535	16.01	16.46	16.11
		2510	16.35	16.26	16.10
	50RB-High (50)	2560	16.31	16.27	16.31
		2535	16.20	16.34	16.30
		2510	16.32	16.26	16.30
	50RB-Middle (25)	2560	16.19	16.32	16.34
		2535	16.25	16.37	16.33
		2510	16.34	16.33	16.29
	50RB-Low (0)	2560	16.26	16.27	16.31
		2535	16.24	16.31	16.32
		2510	16.19	16.15	16.19

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	100RB (0)	2560	16.02	16.33	16.33
		2535	16.15	16.34	16.36
		2510	16.31	16.27	16.27

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Band 12					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	715.3	22.22	22.44	22.35
		707.5	22.20	22.55	22.54
		699.7	22.33	22.54	22.49
	1RB-Middle (3)	715.3	22.52	22.68	22.25
		707.5	22.46	22.69	22.61
		699.7	22.46	22.81	22.42
	1RB-Low (0)	715.3	22.27	22.55	22.50
		707.5	22.29	22.47	22.64
		699.7	22.40	22.68	22.56
	3RB-High (3)	715.3	22.14	22.27	22.36
		707.5	22.34	22.53	22.30
		699.7	22.23	22.34	22.51
	3RB-Middle (1)	715.3	22.31	22.43	22.46
		707.5	22.35	22.38	22.44
		699.7	22.55	22.05	22.52
	3RB-Low (0)	715.3	22.37	22.37	22.40
		707.5	22.30	22.47	22.23
		699.7	22.30	22.53	22.39
	6RB (0)	715.3	22.32	22.19	22.27
		707.5	22.24	22.34	22.27
		699.7	22.27	22.51	22.36
3MHz	1RB-High (14)	714.5	22.32	22.66	22.50
		707.5	22.38	22.76	22.62
		700.5	22.29	22.71	22.57
	1RB-Middle (7)	714.5	22.34	22.80	22.28
		707.5	22.43	22.85	22.47
		700.5	22.30	22.60	22.38
	1RB-Low (0)	714.5	22.41	22.69	22.68
		707.5	22.38	22.73	22.51
		700.5	22.47	22.83	22.69
	8RB-High (7)	714.5	22.42	22.39	22.41
		707.5	22.46	22.44	22.48
		700.5	22.39	22.45	22.60
	8RB-Middle (4)	714.5	22.47	22.62	22.60
		707.5	22.36	22.49	22.49

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		700.5	22.46	22.44	22.49
	8RB-Low (0)	714.5	22.38	22.45	22.48
		707.5	22.44	22.41	22.39
		700.5	22.48	22.58	22.51
	15RB (0)	714.5	22.41	22.36	22.33
		707.5	22.41	22.39	22.36
		700.5	22.41	22.52	22.41
5MHz	1RB-High (24)	713.5	22.36	22.79	22.51
		707.5	22.43	22.66	22.72
		701.5	22.38	22.60	22.37
	1RB-Middle (12)	713.5	22.43	22.64	22.47
		707.5	22.31	22.80	22.25
		701.5	22.26	22.48	22.11
	1RB-Low (0)	713.5	22.55	22.67	22.72
		707.5	22.32	22.71	22.51
		701.5	22.52	22.68	22.64
	12RB-High (13)	713.5	22.46	22.41	22.46
		707.5	22.46	22.55	22.44
		701.5	22.44	22.24	22.16
	12RB-Middle (6)	713.5	22.47	22.46	22.25
		707.5	22.45	22.39	22.53
		701.5	22.60	22.51	22.48
	12RB-Low (0)	713.5	22.45	22.49	22.53
		707.5	22.48	22.18	22.18
		701.5	22.46	22.55	22.60
	25RB (0)	713.5	22.37	22.41	22.38
		707.5	22.43	22.37	22.39
		701.5	22.51	22.30	22.37
10MHz	1RB-High (49)	711 (23130)	22.29	22.58	21.96
		707.5	22.28	22.65	22.05
		704 (23060)	22.48	22.73	21.49
	1RB-Middle (24)	711 (23130)	22.27	22.56	22.25
		707.5	22.36	22.74	21.20
		704 (23060)	22.32	22.62	21.43
	1RB-Low (0)	711 (23130)	22.42	22.91	21.55
		707.5	22.40	22.82	21.67
		704 (23060)	22.58	22.85	22.06
	25RB-High (25)	711 (23130)	22.37	22.40	20.97
		707.5	22.46	22.43	21.35
		704 (23060)	22.47	22.26	20.25
	25RB-Middle (12)	711 (23130)	22.41	22.38	21.44
		707.5	22.49	22.43	20.73
		704 (23060)	22.52	22.16	20.20
	25RB-Low (0)	711 (23130)	22.51	22.41	21.13
		707.5	22.49	22.11	20.15
		704 (23060)	22.45	22.39	20.47
	50RB (0)	711 (23130)	22.48	22.43	20.88
		707.5	22.34	22.27	20.53

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		704 (23060)	22.54	22.25	20.39

LTE B12 ANT2

Band 12					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	715.3	22.33	22.68	22.51
		707.5	22.31	22.55	22.50
		699.7	22.27	22.63	22.48
	1RB-Middle (3)	715.3	22.46	22.70	22.48
		707.5	22.65	22.85	22.53
		699.7	22.60	22.76	22.40
	1RB-Low (0)	715.3	22.25	22.48	22.41
		707.5	22.33	22.67	22.32
		699.7	22.39	22.74	22.32
	3RB-High (3)	715.3	22.32	22.30	22.41
		707.5	22.37	22.49	22.39
		699.7	22.40	22.40	22.21
	3RB-Middle (1)	715.3	22.31	22.51	22.13
		707.5	22.32	22.37	22.06
		699.7	22.44	22.47	22.33
	3RB-Low (0)	715.3	22.39	22.38	22.34
		707.5	22.39	22.45	22.19
		699.7	22.39	22.55	22.29
	6RB (0)	715.3	22.39	21.98	20.31
		707.5	22.39	22.21	20.38
		699.7	22.44	22.36	21.08
3MHz	1RB-High (14)	714.5	22.37	22.77	22.65
		707.5	22.43	22.71	22.42
		700.5	22.39	22.69	22.56
	1RB-Middle (7)	714.5	22.36	22.77	22.53
		707.5	22.45	22.76	22.58
		700.5	22.41	22.77	22.43
	1RB-Low (0)	714.5	22.40	22.63	22.61
		707.5	22.43	22.75	22.55
		700.5	22.56	22.80	22.84
	8RB-High (7)	714.5	22.44	22.41	22.31
		707.5	22.46	22.28	22.25
		700.5	22.52	22.38	22.33
	8RB-Middle (4)	714.5	22.43	22.25	22.28
		707.5	22.52	22.32	22.31
		700.5	22.60	22.47	22.47
	8RB-Low (0)	714.5	22.47	22.49	22.41
		707.5	22.44	22.15	22.13
		700.5	22.53	22.51	22.52
	15RB (0)	714.5	22.41	22.27	22.30

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		707.5	22.48	22.33	22.36
		700.5	22.56	22.41	22.38
5MHz	1RB-High (24)	713.5	22.31	22.67	21.83
		707.5	22.52	22.65	21.17
		701.5	22.47	22.61	21.52
	1RB-Middle (12)	713.5	22.37	22.46	22.57
		707.5	22.42	22.78	22.46
		701.5	22.38	22.68	22.03
	1RB-Low (0)	713.5	22.52	22.66	22.32
		707.5	22.36	22.81	22.24
		701.5	22.58	22.73	22.11
	12RB-High (13)	713.5	22.46	22.46	20.56
		707.5	22.50	22.37	20.98
		701.5	22.43	22.19	20.24
	12RB-Middle (6)	713.5	22.45	22.38	21.26
		707.5	22.53	22.44	20.43
		701.5	22.59	22.40	20.59
	12RB-Low (0)	713.5	22.48	22.32	21.37
		707.5	22.45	22.03	20.05
		701.5	22.60	22.42	21.11
	25RB (0)	713.5	22.42	22.25	20.87
		707.5	22.45	22.36	20.44
		701.5	22.54	22.32	20.37
10MHz	1RB-High (49)	711 (23130)	22.25	22.57	21.95
		707.5	22.36	22.45	21.96
		704 (23060)	22.27	22.76	21.65
	1RB-Middle (24)	711 (23130)	22.57	22.65	22.39
		707.5	22.41	22.76	21.15
		704 (23060)	22.40	22.61	21.49
	1RB-Low (0)	711 (23130)	22.62	22.80	21.47
		707.5	22.50	22.73	21.73
		704 (23060)	22.60	22.93	22.15
	25RB-High (25)	711 (23130)	22.41	22.36	21.01
		707.5	22.49	22.37	21.35
		704 (23060)	22.48	22.11	20.04
	25RB-Middle (12)	711 (23130)	22.46	22.26	21.37
		707.5	22.46	22.35	20.58
		704 (23060)	22.58	22.00	20.09
	25RB-Low (0)	711 (23130)	22.49	22.30	21.10
		707.5	22.51	21.89	20.00
		704 (23060)	22.39	22.34	20.36
	50RB (0)	711 (23130)	22.46	22.33	20.91
		707.5	22.39	22.22	20.43
		704 (23060)	22.56	22.12	20.30

LTE B17 ANT0

Band 17

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Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	713.5	22.19	22.55	22.30
		710 (23790)	22.28	22.66	22.36
		706.5	22.31	22.48	22.30
	1RB-Middle (12)	713.5	22.24	22.63	22.35
		710 (23790)	22.28	22.66	22.37
		706.5	22.18	22.87	22.16
	1RB-Low (0)	713.5	22.30	22.52	22.47
		710 (23790)	22.18	22.53	22.46
		706.5	22.30	22.64	22.50
	12RB-High (13)	713.5	22.30	22.33	22.31
		710 (23790)	22.29	22.32	22.30
		706.5	22.30	22.29	22.25
	12RB-Middle (6)	713.5	22.35	22.43	22.21
		710 (23790)	22.41	22.29	22.24
		706.5	22.44	22.41	22.28
	12RB-Low (0)	713.5	22.32	22.39	22.30
		710 (23790)	22.32	22.32	22.23
		706.5	22.43	22.46	22.40
	25RB (0)	713.5	22.29	22.28	22.34
		710 (23790)	22.25	22.30	22.30
		706.5	22.41	22.32	22.39
10MHz	1RB-High	711 (23800)	22.12	22.48	22.20
		710 (23790)	22.16	22.56	22.28
		709 (23780)	22.29	22.58	22.25
	1RB-Middle (24)	711 (23800)	22.21	22.50	22.49
		710 (23790)	22.25	22.42	22.47
		709 (23780)	22.19	22.50	22.50
	1RB-Low (0)	711 (23800)	22.30	22.55	22.33
		710 (23790)	22.35	22.53	22.47
		709 (23780)	22.43	22.71	22.49
	25RB-High (25)	711 (23800)	22.28	22.32	22.30
		710 (23790)	22.34	22.34	22.33
		709 (23780)	22.37	22.35	22.36
	25RB-Middle (12)	711 (23800)	22.25	22.34	22.36
		710 (23790)	22.32	22.30	22.35
		709 (23780)	22.42	22.33	22.32
	25RB-Low (0)	711 (23800)	22.37	22.33	22.35
		710 (23790)	22.39	22.28	22.36
		709 (23780)	22.35	22.30	22.27
	50RB (0)	711 (23800)	22.36	22.37	22.29
		710 (23790)	22.30	22.34	22.33
		709 (23780)	22.36	22.35	22.29

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LTE B17 ANT2

Band 17					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	713.5	22.47	22.85	22.55
		710 (23790)	22.59	22.94	22.58
		706.5	22.61	22.71	22.51
	1RB-Middle (12)	713.5	22.59	23.05	22.46
		710 (23790)	22.54	23.04	22.68
		706.5	22.50	22.99	21.93
	1RB-Low (0)	713.5	22.65	22.78	22.60
		710 (23790)	22.59	22.81	22.54
		706.5	22.61	22.72	22.24
	12RB-High (13)	713.5	22.61	22.47	21.55
		710 (23790)	22.68	22.55	21.52
		706.5	22.63	22.41	21.37
	12RB-Middle (6)	713.5	22.68	22.58	21.62
		710 (23790)	22.67	22.55	21.60
		706.5	22.72	22.62	20.95
	12RB-Low (0)	713.5	22.70	22.49	21.61
		710 (23790)	22.64	22.42	21.47
		706.5	22.66	22.51	20.80
	25RB (0)	713.5	22.64	22.44	21.45
		710 (23790)	22.55	22.57	21.45
		706.5	22.63	22.55	20.99
10MHz	1RB-High	711 (23800)	22.19	22.64	22.55
		710 (23790)	22.39	22.61	22.44
		709 (23780)	22.37	22.58	22.31
	1RB-Middle (24)	711 (23800)	22.32	22.66	22.62
		710 (23790)	22.32	22.71	22.56
		709 (23780)	22.30	22.78	22.71
	1RB-Low (0)	711 (23800)	22.36	22.79	22.53
		710 (23790)	22.33	22.78	22.67
		709 (23780)	22.60	22.89	22.68
	25RB-High (25)	711 (23800)	22.40	22.42	22.38
		710 (23790)	22.44	22.43	22.29
		709 (23780)	22.50	22.37	22.34
	25RB-Middle (12)	711 (23800)	22.47	22.33	22.36
		710 (23790)	22.39	22.30	22.36
		709 (23780)	22.56	22.50	22.40
	25RB-Low (0)	711 (23800)	22.49	22.37	22.45
		710 (23790)	22.47	22.43	22.38
		709 (23780)	22.41	22.24	22.35
	50RB (0)	711 (23800)	22.39	22.37	22.26
		710 (23790)	22.43	22.27	22.27

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		709 (23780)	22.38	22.32	22.15

LTE B26 ANT0

Band 26					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	848.3	22.27	22.60	22.48
		831.5	22.56	22.78	22.71
		814.7	22.56	22.79	22.95
	1RB-Middle (3)	848.3	22.41	22.63	22.73
		831.5	22.82	23.02	23.00
		814.7	22.69	22.99	22.80
	1RB-Low (0)	848.3	22.29	22.65	22.58
		831.5	22.69	23.03	22.86
		814.7	22.56	22.98	22.97
	3RB-High (3)	848.3	22.37	22.44	22.45
		831.5	22.57	22.70	22.76
		814.7	22.61	22.77	22.72
	3RB-Middle (1)	848.3	22.38	22.49	22.44
		831.5	22.69	22.60	22.76
		814.7	22.78	22.80	22.52
	3RB-Low (0)	848.3	22.36	22.44	22.49
		831.5	22.67	22.64	22.79
		814.7	22.62	22.76	22.85
	6RB (0)	848.3	22.36	22.37	22.36
		831.5	22.27	22.77	22.73
		814.7	22.63	22.71	22.68
3MHz	1RB-High (14)	847.5	22.48	22.81	22.54
		831.5	22.70	22.93	22.94
		815.5	22.75	22.66	22.54
	1RB-Middle (7)	847.5	22.33	22.71	22.57
		831.5	22.63	22.94	22.78
		815.5	22.61	22.59	22.68
	1RB-Low (0)	847.5	22.56	22.87	22.70
		831.5	22.76	23.02	22.87
		815.5	22.80	22.73	22.67
	8RB-High (7)	847.5	22.46	22.49	22.56
		831.5	22.71	22.66	22.82
		815.5	22.73	22.72	21.85
	8RB-Middle (4)	847.5	22.47	22.55	22.61
		831.5	22.72	22.81	22.65
		815.5	22.73	22.76	21.83
	8RB-Low (0)	847.5	22.52	22.56	22.63

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		831.5	22.67	22.70	22.79
		815.5	22.73	22.76	21.82
	15RB (0)	847.5	22.49	22.61	22.46
		831.5	22.65	22.76	22.63
		815.5	22.74	22.66	21.75
5MHz	1RB-High (24)	846.5	22.37	22.59	22.67
		831.5	22.60	22.93	22.92
		816.5	22.63	22.90	22.81
	1RB-Middle (12)	846.5	22.42	22.89	22.41
		831.5	22.58	22.74	22.64
		816.5	22.70	22.85	22.89
	1RB-Low (0)	846.5	22.52	22.87	22.97
		831.5	22.70	22.98	22.96
		816.5	22.74	23.13	23.02
	12RB-High (13)	846.5	22.50	22.48	22.45
		831.5	22.74	22.76	22.73
		816.5	22.70	22.69	22.77
	12RB-Middle (6)	846.5	22.55	22.60	22.58
		831.5	22.76	22.78	22.73
		816.5	22.79	22.93	22.78
	12RB-Low (0)	846.5	22.52	22.61	22.55
		831.5	22.74	22.80	22.73
		816.5	22.82	22.79	22.93
	25RB (0)	846.5	22.52	22.52	22.49
		831.5	22.65	22.69	22.78
		816.5	22.81	22.80	22.78
10MHz	1RB-High (49)	844 (26990)	22.50	22.76	22.57
		831.5	22.67	22.91	22.80
		820 (26750)	22.71	23.05	22.77
	1RB-Middle (24)	844 (26990)	22.40	22.60	22.69
		831.5	22.67	22.92	22.93
		820 (26750)	22.74	23.05	22.87
	1RB-Low (0)	844 (26990)	22.67	23.02	22.75
		831.5	22.89	23.10	22.96
		820 (26750)	22.75	23.15	22.86
	25RB-High (25)	844 (26990)	22.60	22.55	22.58
		831.5	22.76	22.72	22.68
		820 (26750)	22.80	22.72	22.67
	25RB-Middle (12)	844 (26990)	22.65	22.67	22.73
		831.5	22.80	22.81	22.77
		820 (26750)	22.81	22.81	22.87
	25RB-Low (0)	844 (26990)	22.71	22.77	22.64
		831.5	22.78	22.84	22.80
		820 (26750)	22.76	22.85	22.79
	50RB (0)	844 (26990)	22.63	22.59	22.66
		831.5	22.72	22.69	22.71
		820 (26750)	22.79	22.80	22.78
15MHz	1RB-High	841.5	22.21	22.47	22.49

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	(74)	831.5	22.36	22.83	22.61
		822.5	22.40	22.82	22.57
	1RB-Middle (37)	841.5	22.34	22.70	22.48
		831.5	22.45	22.78	22.67
		822.5	22.41	22.71	22.67
	1RB-Low (0)	841.5	22.52	22.72	22.75
		831.5	22.53	22.82	22.75
		822.5	22.51	22.78	22.87
	36RB-High (38)	841.5	22.36	22.37	21.48
		831.5	22.55	22.44	21.60
		822.5	22.56	22.65	21.61
	36RB-Middle (19)	841.5	22.46	22.45	21.59
		831.5	22.51	22.52	21.62
		822.5	22.65	22.65	21.69
	36RB-Low (0)	841.5	22.56	22.58	21.61
		831.5	22.66	22.68	21.72
		822.5	22.63	22.62	21.73
	75RB (0)	841.5	22.55	22.47	21.48
		831.5	22.60	22.61	21.54
		822.5	22.71	22.69	21.62

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Band 26					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	848.3	22.11	22.47	22.54
		831.5	22.39	22.76	22.70
		814.7	22.46	22.90	22.81
	1RB-Middle (3)	848.3	22.54	22.56	22.61
		831.5	22.68	22.85	22.75
		814.7	22.70	22.89	22.94
	1RB-Low (0)	848.3	22.22	22.47	22.44
		831.5	22.47	22.79	22.74
		814.7	22.52	22.88	22.83
	3RB-High (3)	848.3	22.24	22.18	22.35
		831.5	22.46	22.59	22.41
		814.7	22.48	22.58	22.59
	3RB-Middle (1)	848.3	22.28	22.33	22.41
		831.5	22.57	22.59	22.52
		814.7	22.57	22.73	22.41
	3RB-Low (0)	848.3	22.26	22.28	22.39
		831.5	22.54	22.59	22.58
		814.7	22.57	22.73	22.66
	6RB (0)	848.3	22.27	22.39	22.17
		831.5	22.23	22.70	22.59

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		814.7	22.59	22.62	22.63
3MHz	1RB-High (14)	847.5	22.28	22.56	22.40
		831.5	22.60	22.90	22.78
		815.5	22.64	22.63	22.65
	1RB-Middle (7)	847.5	22.18	22.59	22.55
		831.5	22.51	22.87	22.74
		815.5	22.52	22.59	22.61
	1RB-Low (0)	847.5	22.32	22.76	22.70
		831.5	22.67	22.90	22.87
		815.5	22.60	22.60	22.59
	8RB-High (7)	847.5	22.38	22.37	21.42
		831.5	22.58	22.56	21.63
		815.5	22.66	22.72	21.69
	8RB-Middle (4)	847.5	22.35	22.36	21.46
		831.5	22.48	22.58	21.58
		815.5	22.62	22.71	21.72
	8RB-Low (0)	847.5	22.35	22.47	21.43
		831.5	22.57	22.70	21.70
		815.5	22.64	22.65	21.72
	15RB (0)	847.5	22.40	22.49	21.43
		831.5	22.60	22.55	21.62
		815.5	22.57	22.62	21.68
5MHz	1RB-High (24)	846.5	22.25	22.63	22.49
		831.5	22.44	22.89	22.75
		816.5	22.53	22.77	22.70
	1RB-Middle (12)	846.5	22.26	22.64	22.26
		831.5	22.54	22.81	22.73
		816.5	22.55	22.94	22.82
	1RB-Low (0)	846.5	22.41	22.74	22.59
		831.5	22.68	22.88	23.04
		816.5	22.64	22.99	22.87
	12RB-High (13)	846.5	22.38	22.44	22.40
		831.5	22.60	22.65	22.64
		816.5	22.59	22.71	22.60
	12RB-Middle (6)	846.5	22.47	22.51	22.43
		831.5	22.61	22.64	22.59
		816.5	22.69	22.67	22.76
	12RB-Low (0)	846.5	22.48	22.31	22.40
		831.5	22.58	22.68	22.56
		816.5	22.74	22.74	22.73
	25RB (0)	846.5	22.39	22.39	22.39
		831.5	22.58	22.57	22.55
		816.5	22.68	22.69	22.67
10MHz	1RB-High (49)	844 (26990)	22.38	22.67	22.60
		831.5	22.44	22.87	22.75
		820 (26750)	22.54	22.87	22.64
	1RB-Middle (24)	844 (26990)	22.31	22.63	22.55
		831.5	22.57	22.80	22.74

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		820 (26750)	22.75	22.70	23.06
	1RB-Low (0)	844 (26990)	22.53	22.78	22.84
		831.5	22.63	23.04	22.88
		820 (26750)	22.69	22.96	22.70
	25RB-High (25)	844 (26990)	22.39	22.40	21.41
		831.5	22.58	22.63	21.63
		820 (26750)	22.60	22.59	21.64
	25RB-Middle (12)	844 (26990)	22.58	22.60	21.51
		831.5	22.64	22.64	21.62
		820 (26750)	22.70	22.80	21.71
	25RB-Low (0)	844 (26990)	22.52	22.62	21.61
		831.5	22.66	22.62	21.75
		820 (26750)	22.72	22.74	21.76
	50RB (0)	844 (26990)	22.45	22.44	21.61
		831.5	22.53	22.64	21.61
		820 (26750)	22.66	22.68	21.79
15MHz	1RB-High (74)	841.5	21.98	22.25	22.38
		831.5	22.25	22.50	22.54
		822.5	22.37	22.59	22.39
	1RB-Middle (37)	841.5	22.19	22.46	22.43
		831.5	22.38	22.72	22.69
		822.5	22.31	22.77	22.62
	1RB-Low (0)	841.5	22.32	22.78	22.66
		831.5	22.51	22.81	22.69
		822.5	22.42	22.79	22.59
	36RB-High (38)	841.5	22.27	22.24	21.44
		831.5	22.45	22.46	21.49
		822.5	22.43	22.52	21.48
	36RB-Middle (19)	841.5	22.43	22.34	21.41
		831.5	22.42	22.43	21.45
		822.5	22.60	22.58	21.62
	36RB-Low (0)	841.5	22.51	22.44	21.56
		831.5	22.54	22.52	21.58
		822.5	22.51	22.48	21.55
	75RB (0)	841.5	22.37	22.39	21.48
		831.5	22.44	22.53	21.42
		822.5	22.52	22.61	21.64

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Band 38					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2617.5	22.23	22.26	22.25
		2595	22.23	22.29	21.86
		2572.5	22.26	22.55	21.95

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	1RB-Middle (12)	2617.5	22.44	22.35	22.14
		2595	22.46	22.44	21.96
		2572.5	22.22	22.32	21.99
	1RB-Low (0)	2617.5	22.25	22.35	22.31
		2595	22.31	22.32	21.84
		2572.5	22.32	22.34	21.88
	12RB-High (13)	2617.5	22.26	22.17	22.10
		2595	21.83	22.22	22.08
		2572.5	22.27	22.17	22.11
	12RB-Middle (6)	2617.5	22.27	22.24	22.13
		2595	22.22	22.16	22.05
		2572.5	22.30	22.23	22.15
	12RB-Low (0)	2617.5	22.29	22.19	22.12
		2595	22.27	22.22	22.03
		2572.5	22.30	22.20	22.12
	25RB (0)	2617.5	22.26	22.25	22.11
		2595	22.20	22.24	22.07
		2572.5	22.27	22.29	22.17
10MHz	1RB-High (49)	2615	22.28	22.30	22.20
		2595	22.29	22.37	22.21
		2575	22.23	22.31	22.20
	1RB-Middle (24)	2615	22.26	22.29	22.26
		2595	22.35	22.35	22.28
		2575	22.34	22.34	22.19
	1RB-Low (0)	2615	22.37	22.39	22.28
		2595	22.36	22.41	22.28
		2575	22.34	22.40	22.29
	25RB-High (25)	2615	22.35	22.35	22.27
		2595	22.39	22.38	22.28
		2575	22.35	22.38	22.27
	25RB-Middle (12)	2615	22.29	22.35	22.29
		2595	22.37	22.38	22.30
		2575	22.41	22.42	22.32
	25RB-Low (0)	2615	22.29	22.36	22.19
		2595	22.30	22.34	22.25
		2575	22.39	22.46	22.34
	50RB (0)	2615	22.30	22.34	22.22
		2595	22.36	22.34	22.28
		2575	22.39	22.43	22.33
15MHz	1RB-High (74)	2612.5	21.99	22.14	21.98
		2595	22.04	22.18	22.05
		2577.5	22.02	22.15	22.13
	1RB-Middle (37)	2612.5	22.00	22.17	22.07
		2595	22.09	22.22	22.10
		2577.5	22.02	22.17	22.08
	1RB-Low (0)	2612.5	22.07	22.25	22.16
		2595	22.10	22.25	22.18
		2577.5	22.09	22.23	22.16

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	36RB-High (38)	2612.5	22.04	22.07	22.05
		2595	22.06	22.10	22.13
		2577.5	22.10	22.12	22.16
	36RB-Middle (19)	2612.5	22.04	22.07	22.10
		2595	22.10	22.12	22.14
		2577.5	22.21	22.19	22.22
	36RB-Low (0)	2612.5	22.04	22.06	22.07
		2595	22.13	22.07	22.11
		2577.5	22.08	22.10	22.14
	75RB (0)	2612.5	22.03	22.07	22.07
		2595	22.06	22.08	22.05
		2577.5	22.09	22.18	22.17
20MHz	1RB-High (99)	2610	22.11	22.23	22.04
		2595	22.13	22.20	22.16
		2580	22.14	22.25	22.08
	1RB-Middle (50)	2610	22.21	22.21	22.12
		2595	22.16	22.27	22.15
		2580	22.18	22.27	22.13
	1RB-Low (0)	2610	22.23	22.32	22.20
		2595	22.26	22.34	22.22
		2580	22.20	22.31	22.21
	50RB-High (50)	2610	22.21	22.21	22.12
		2595	22.19	22.23	22.14
		2580	22.21	22.30	22.15
	50RB-Middle (25)	2610	22.19	22.20	22.10
		2595	22.17	22.19	22.13
		2580	22.24	22.31	22.24
	50RB-Low (0)	2610	22.18	22.21	22.13
		2595	22.18	22.24	22.14
		2580	22.17	22.20	22.13
	100RB (0)	2610	22.15	22.18	22.21
		2595	22.16	22.19	22.22
		2580	22.22	22.29	22.29

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Band 38					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2617.5	17.82	17.87	17.51
		2595	17.75	17.87	17.46
		2572.5	17.76	17.90	17.50
	1RB-Middle (12)	2617.5	17.77	17.84	17.48
		2595	18.03	17.85	17.53
		2572.5	17.70	17.87	17.40
	1RB-Low (0)	2617.5	17.81	17.91	17.48
		2595	17.76	17.86	17.41

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		2572.5	17.88	17.94	17.58
	12RB-High (13)	2617.5	17.79	17.76	17.86
		2595	17.78	17.75	17.84
		2572.5	17.84	17.76	17.88
	12RB-Middle (6)	2617.5	17.84	17.75	17.83
		2595	17.74	17.59	17.74
		2572.5	17.86	17.78	17.85
	12RB-Low (0)	2617.5	17.83	17.77	17.84
		2595	17.75	17.64	17.77
		2572.5	17.87	17.75	17.89
	25RB (0)	2617.5	17.83	17.78	17.86
		2595	17.72	17.68	17.79
		2572.5	17.85	17.81	17.90
10MHz	1RB-High (49)	2615	17.67	17.82	17.54
		2595	17.68	17.83	17.59
		2575	17.72	17.77	17.58
	1RB-Middle (24)	2615	17.79	17.85	17.60
		2595	17.68	17.80	17.55
		2575	17.80	17.84	17.51
	1RB-Low (0)	2615	17.77	17.86	17.59
		2595	17.79	17.88	17.58
		2575	17.83	17.93	17.66
	25RB-High (25)	2615	17.82	17.82	17.79
		2595	17.79	17.74	17.69
		2575	17.83	17.84	17.75
	25RB-Middle (12)	2615	17.78	17.78	17.70
		2595	17.79	17.74	17.67
		2575	17.88	17.73	17.81
	25RB-Low (0)	2615	17.75	17.77	17.72
		2595	17.81	17.75	17.73
		2575	17.86	17.88	17.82
	50RB (0)	2615	17.75	17.74	17.69
		2595	17.73	17.79	17.69
		2575	17.84	17.88	17.82
15MHz	1RB-High (74)	2612.5	17.57	17.75	17.42
		2595	17.60	17.73	17.43
		2577.5	17.56	17.71	17.35
	1RB-Middle (37)	2612.5	17.61	17.73	17.48
		2595	17.58	17.72	17.42
		2577.5	17.62	17.79	17.39
	1RB-Low (0)	2612.5	17.61	17.79	17.46
		2595	17.65	17.83	17.51
		2577.5	17.70	17.86	17.47
	36RB-High (38)	2612.5	17.63	17.60	17.68
		2595	17.64	17.60	17.66
		2577.5	17.66	17.67	17.69
	36RB-Middle (19)	2612.5	17.62	17.65	17.61
		2595	17.62	17.61	17.67

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		2577.5	17.73	17.71	17.75
	36RB-Low (0)	2612.5	17.60	17.59	17.65
		2595	17.65	17.59	17.59
		2577.5	17.62	17.65	17.69
	75RB (0)	2612.5	17.58	17.64	17.65
		2595	17.59	17.63	17.62
		2577.5	17.71	17.72	17.73
20MHz	1RB-High (99)	2610	17.55	17.70	17.40
		2595	17.59	17.73	17.36
		2580	17.54	17.71	17.45
	1RB-Middle (50)	2610	17.66	17.77	17.36
		2595	17.60	17.76	17.47
		2580	17.66	17.76	17.41
	1RB-Low (0)	2610	17.63	17.83	17.43
		2595	17.69	17.81	17.53
		2580	17.75	17.89	17.49
	50RB-High (50)	2610	17.60	17.70	17.65
		2595	17.64	17.69	17.66
		2580	17.65	17.71	17.65
	50RB-Middle (25)	2610	17.64	17.69	17.63
		2595	17.62	17.68	17.64
		2580	17.72	17.77	17.71
	50RB-Low (0)	2610	17.67	17.66	17.62
		2595	17.63	17.68	17.61
		2580	17.69	17.70	17.64
	100RB (0)	2610	17.64	17.62	17.67
		2595	17.65	17.64	17.65
		2580	17.72	17.74	17.77

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Band 41					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2687.5 (41565)	21.74	21.90	21.58
		2640.3(41093)	21.63	21.75	21.63
		2593 (40620)	21.70	21.84	21.39
		2545.8(40148)	21.69	21.84	21.42
		2498.5 (39675)	21.79	21.91	21.49
	1RB-Middle (12)	2687.5 (41565)	21.76	21.88	21.67
		2640.3(41093)	21.68	21.80	21.66
		2593 (40620)	21.69	21.84	21.51
		2545.8(40148)	21.72	21.84	21.53
		2498.5 (39675)	22.00	21.90	21.63
	1RB-Low (0)	2687.5 (41565)	21.76	21.84	21.65
		2640.3(41093)	21.70	21.78	21.48
		2593 (40620)	21.73	21.88	21.41

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		2545.8(40148)	21.62	21.78	21.31
		2498.5 (39675)	21.76	21.93	21.42
	12RB-High (13)	2687.5 (41565)	21.84	21.73	21.74
		2640.3(41093)	21.79	21.77	21.77
		2593 (40620)	21.79	21.70	21.81
		2545.8(40148)	21.76	21.64	21.83
		2498.5 (39675)	21.82	21.87	21.84
	12RB-Middle (6)	2687.5 (41565)	21.80	21.74	21.82
		2640.3(41093)	21.79	21.74	21.85
		2593 (40620)	21.78	21.76	21.85
		2545.8(40148)	21.68	21.57	21.71
		2498.5 (39675)	21.83	21.83	21.91
	12RB-Low (0)	2687.5 (41565)	21.85	21.74	21.78
		2640.3(41093)	21.78	21.71	21.80
		2593 (40620)	21.81	21.73	21.84
		2545.8(40148)	21.65	21.60	21.70
		2498.5 (39675)	21.81	21.79	21.89
	25RB (0)	2687.5 (41565)	21.74	21.78	21.74
		2640.3(41093)	21.76	21.75	21.81
		2593 (40620)	21.79	21.80	21.88
		2545.8(40148)	21.63	21.69	21.73
		2498.5 (39675)	21.82	21.83	21.91
10MHz	1RB-High (49)	2685 (41540)	21.49	21.57	21.21
		2639(41080)	21.52	21.56	21.21
		2593 (40620)	21.41	21.55	21.20
		2547(40160)	21.61	21.81	21.56
		2501 (39700)	21.72	21.82	21.50
	1RB-Middle (24)	2685 (41540)	21.75	21.81	21.51
		2639(41080)	21.69	21.79	21.45
		2593 (40620)	21.66	21.83	21.47
		2547(40160)	21.59	21.83	21.45
		2501 (39700)	21.68	21.84	21.51
	1RB-Low (0)	2685 (41540)	21.51	21.64	21.27
		2639(41080)	21.47	21.62	21.24
		2593 (40620)	21.50	21.58	21.24
		2547(40160)	21.68	21.86	21.47
		2501 (39700)	21.77	21.90	21.48
	25RB-High (25)	2685 (41540)	21.74	21.76	21.86
		2639(41080)	21.73	21.71	21.83
		2593 (40620)	21.71	21.68	21.84
		2547(40160)	21.76	21.80	21.92
		2501 (39700)	21.78	21.80	21.90
	25RB-Middle (12)	2685 (41540)	21.88	21.89	21.97
		2639(41080)	21.85	21.83	21.93
		2593 (40620)	21.84	21.85	21.98
		2547(40160)	21.71	21.74	21.85
		2501 (39700)	21.82	21.88	21.95
	25RB-Low	2685 (41540)	21.73	21.73	21.82

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	(0)	2639(41080)	21.74	21.76	21.85
		2593 (40620)	21.66	21.69	21.86
		2547(40160)	21.66	21.74	21.81
		2501 (39700)	21.81	21.82	21.90
	50RB (0)	2685 (41540)	21.73	21.73	21.74
		2639(41080)	21.77	21.81	21.78
		2593 (40620)	21.77	21.77	21.82
		2547(40160)	21.71	21.74	21.79
		2501 (39700)	21.81	21.85	21.88
15MHz	1RB-High (74)	2682.5 (41515)	21.65	21.74	21.31
		2637.8(41068)	21.35	21.51	21.05
		2593 (40620)	21.44	21.57	21.18
		2548.3(40173)	21.57	21.72	21.31
		2503.5 (39725)	21.55	21.63	21.20
	1RB-Middle (37)	2682.5 (41515)	21.70	21.82	21.39
		2637.8(41068)	21.59	21.76	21.32
		2593 (40620)	21.62	21.74	21.39
		2548.3(40173)	21.53	21.68	21.22
		2503.5 (39725)	21.55	21.72	21.26
	1RB-Low (0)	2682.5 (41515)	21.46	21.57	21.08
		2637.8(41068)	21.49	21.64	21.12
		2593 (40620)	21.47	21.58	21.14
		2548.3(40173)	21.61	21.76	21.28
		2503.5 (39725)	21.57	21.78	21.23
	36RB-High (38)	2682.5 (41515)	21.78	21.75	21.75
		2637.8(41068)	21.60	21.62	21.62
		2593 (40620)	21.70	21.63	21.73
		2548.3(40173)	21.64	21.65	21.70
		2503.5 (39725)	21.65	21.64	21.70
	36RB-Middle (19)	2682.5 (41515)	21.74	21.69	21.64
		2637.8(41068)	21.70	21.70	21.67
		2593 (40620)	21.75	21.70	21.75
		2548.3(40173)	21.67	21.64	21.71
		2503.5 (39725)	21.71	21.64	21.71
	36RB-Low (0)	2682.5 (41515)	21.65	21.59	21.61
		2637.8(41068)	21.65	21.62	21.69
		2593 (40620)	21.61	21.57	21.62
		2548.3(40173)	21.59	21.59	21.66
		2503.5 (39725)	21.61	21.61	21.63
	75RB (0)	2682.5 (41515)	21.66	21.70	21.71
		2637.8(41068)	21.61	21.70	21.68
		2593 (40620)	21.71	21.69	21.75
		2548.3(40173)	21.62	21.67	21.68
		2503.5 (39725)	21.72	21.75	21.74
20MHz	1RB-High (99)	2680 (41490)	21.60	21.66	21.36
		2636.5(41055)	21.20	21.30	21.00
		2593 (40620)	21.29	21.40	21.13
		2549.5(40185)	21.49	21.65	21.39

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		2506 (39750)	21.49	21.63	21.33
	1RB-Middle (50)	2680 (41490)	21.73	21.80	21.49
		2636.5(41055)	21.59	21.74	21.44
		2593 (40620)	21.64	21.75	21.47
		2549.5(40185)	21.55	21.62	21.32
		2506 (39750)	21.55	21.63	21.37
	1RB-Low (0)	2680 (41490)	21.33	21.46	21.10
		2636.5(41055)	21.37	21.53	21.18
		2593 (40620)	21.31	21.47	21.10
		2549.5(40185)	21.53	21.71	21.31
		2506 (39750)	21.59	21.76	21.52
	50RB-High (50)	2680 (41490)	21.76	21.78	21.70
		2636.5(41055)	21.55	21.54	21.50
		2593 (40620)	21.62	21.67	21.58
		2549.5(40185)	21.64	21.69	21.64
		2506 (39750)	21.65	21.70	21.63
	50RB-Middle (25)	2680 (41490)	21.81	21.80	21.73
		2636.5(41055)	21.68	21.75	21.66
		2593 (40620)	21.72	21.75	21.68
		2549.5(40185)	21.72	21.73	21.66
		2506 (39750)	21.68	21.77	21.65
	50RB-Low (0)	2680 (41490)	21.59	21.56	21.49
		2636.5(41055)	21.58	21.68	21.60
		2593 (40620)	21.53	21.57	21.51
		2549.5(40185)	21.59	21.65	21.58
		2506 (39750)	21.63	21.71	21.64
	100RB (0)	2680 (41490)	21.74	21.75	21.75
		2636.5(41055)	21.57	21.62	21.62
		2593 (40620)	21.64	21.68	21.69
		2549.5(40185)	21.61	21.66	21.65
		2506 (39750)	21.72	21.76	21.74

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Band 41					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High (24)	2687.5 (41565)	17.46	17.64	17.30
		2640.3(41093)	17.76	17.81	17.52
		2593 (40620)	17.72	17.80	17.89
		2545.8(40148)	17.92	17.94	17.69
		2498.5 (39675)	17.86	18.04	17.45
	1RB-Middle (12)	2687.5 (41565)	17.67	17.59	17.33
		2640.3(41093)	17.95	17.86	17.61
		2593 (40620)	17.72	17.87	17.22
		2545.8(40148)	17.94	17.93	17.61
		2498.5 (39675)	18.06	17.96	17.70

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	1RB-Low (0)	2687.5 (41565)	17.53	17.65	17.41
		2640.3(41093)	17.77	17.87	17.57
		2593 (40620)	17.69	17.75	17.21
		2545.8(40148)	17.87	17.87	17.46
		2498.5 (39675)	17.84	17.98	17.46
	12RB-High (13)	2687.5 (41565)	17.57	17.50	17.54
		2640.3(41093)	17.80	17.83	17.75
		2593 (40620)	17.79	17.72	17.84
		2545.8(40148)	17.92	17.87	17.94
		2498.5 (39675)	17.86	17.85	17.88
	12RB-Middle (6)	2687.5 (41565)	17.56	17.55	17.57
		2640.3(41093)	17.85	17.81	17.87
		2593 (40620)	17.82	17.77	17.90
		2545.8(40148)	17.86	17.84	17.93
		2498.5 (39675)	17.87	17.86	17.92
	12RB-Low (0)	2687.5 (41565)	17.59	17.55	17.49
		2640.3(41093)	17.84	17.76	17.75
		2593 (40620)	17.83	17.72	17.87
		2545.8(40148)	17.87	17.77	17.87
		2498.5 (39675)	17.89	17.87	17.90
	25RB (0)	2687.5 (41565)	17.61	17.54	17.49
		2640.3(41093)	17.80	17.82	17.78
		2593 (40620)	17.77	17.78	17.89
		2545.8(40148)	17.88	17.83	17.89
		2498.5 (39675)	17.87	17.89	17.86
10MHz	1RB-High (49)	2685 (41540)	17.21	17.40	16.94
		2639(41080)	17.47	17.66	17.23
		2593 (40620)	17.47	17.60	17.19
		2547(40160)	17.80	17.95	17.58
		2501 (39700)	17.77	17.92	17.55
	1RB-Middle (24)	2685 (41540)	17.44	17.64	17.23
		2639(41080)	17.70	17.80	17.48
		2593 (40620)	17.72	17.84	17.45
		2547(40160)	17.82	17.90	17.56
		2501 (39700)	17.74	17.85	17.56
	1RB-Low (0)	2685 (41540)	17.29	17.46	17.00
		2639(41080)	17.49	17.68	17.20
		2593 (40620)	17.52	17.63	17.22
		2547(40160)	17.93	18.04	17.55
		2501 (39700)	17.82	18.00	17.55
	25RB-High (25)	2685 (41540)	17.51	17.50	17.58
		2639(41080)	17.77	17.77	17.82
		2593 (40620)	17.73	17.71	17.76
		2547(40160)	17.95	17.94	18.05
		2501 (39700)	17.91	17.89	17.96
	25RB-Middle (12)	2685 (41540)	17.67	17.65	17.66
		2639(41080)	17.90	17.91	17.94
		2593 (40620)	17.83	17.82	17.92

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		2547(40160)	17.91	17.90	17.94
		2501 (39700)	17.91	17.94	18.02
	25RB-Low (0)	2685 (41540)	17.48	17.52	17.53
		2639(41080)	17.77	17.83	17.85
		2593 (40620)	17.69	17.74	17.78
		2547(40160)	17.88	17.87	17.96
		2501 (39700)	17.97	17.92	17.98
	50RB (0)	2685 (41540)	17.45	17.50	17.45
		2639(41080)	17.81	17.82	17.80
		2593 (40620)	17.77	17.79	17.76
		2547(40160)	17.89	17.89	17.88
		2501 (39700)	17.93	17.93	17.96
15MHz	1RB-High (74)	2682.5 (41515)	17.34	17.52	17.04
		2637.8(41068)	17.37	17.48	17.09
		2593 (40620)	17.44	17.56	17.12
		2548.3(40173)	17.71	17.87	17.40
		2503.5 (39725)	17.55	17.74	17.25
	1RB-Middle (37)	2682.5 (41515)	17.42	17.53	17.09
		2637.8(41068)	17.60	17.76	17.37
		2593 (40620)	17.61	17.74	17.31
		2548.3(40173)	17.68	17.83	17.34
		2503.5 (39725)	17.58	17.70	17.28
	1RB-Low (0)	2682.5 (41515)	17.19	17.35	16.82
		2637.8(41068)	17.53	17.73	17.18
		2593 (40620)	17.44	17.59	17.10
		2548.3(40173)	17.74	17.90	17.42
		2503.5 (39725)	17.57	17.70	17.22
	36RB-High (38)	2682.5 (41515)	17.47	17.44	17.45
		2637.8(41068)	17.62	17.63	17.62
		2593 (40620)	17.64	17.61	17.66
		2548.3(40173)	17.76	17.79	17.77
		2503.5 (39725)	17.64	17.70	17.66
	36RB-Middle (19)	2682.5 (41515)	17.41	17.45	17.42
		2637.8(41068)	17.71	17.67	17.77
		2593 (40620)	17.65	17.62	17.66
		2548.3(40173)	17.78	17.82	17.83
		2503.5 (39725)	17.66	17.68	17.67
	36RB-Low (0)	2682.5 (41515)	17.34	17.34	17.32
		2637.8(41068)	17.67	17.66	17.68
		2593 (40620)	17.49	17.52	17.55
		2548.3(40173)	17.73	17.74	17.76
		2503.5 (39725)	17.60	17.62	17.60
	75RB (0)	2682.5 (41515)	17.39	17.37	17.39
		2637.8(41068)	17.69	17.70	17.69
		2593 (40620)	17.64	17.63	17.72
		2548.3(40173)	17.73	17.73	17.76
		2503.5 (39725)	17.70	17.74	17.74
20MHz	1RB-High	2680 (41490)	17.26	17.36	17.02

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	(99)	2636.5(41055)	17.14	17.28	16.93
		2593 (40620)	17.20	17.37	16.99
		2549.5(40185)	17.59	17.72	17.41
		2506 (39750)	17.55	17.73	17.42
	1RB-Middle (50)	2680 (41490)	17.38	17.52	17.15
		2636.5(41055)	17.61	17.74	17.41
		2593 (40620)	17.55	17.71	17.35
		2549.5(40185)	17.65	17.75	17.44
		2506 (39750)	17.62	17.70	17.43
	1RB-Low (0)	2680 (41490)	17.06	17.22	16.84
		2636.5(41055)	17.40	17.53	17.23
		2593 (40620)	17.24	17.41	17.08
		2549.5(40185)	17.63	17.80	17.47
		2506 (39750)	17.60	17.74	17.41
	50RB-High (50)	2680 (41490)	17.45	17.47	17.44
		2636.5(41055)	17.51	17.53	17.53
		2593 (40620)	17.52	17.56	17.52
		2549.5(40185)	17.72	17.81	17.77
		2506 (39750)	17.72	17.73	17.71
	50RB-Middle (25)	2680 (41490)	17.48	17.56	17.47
		2636.5(41055)	17.74	17.73	17.69
		2593 (40620)	17.64	17.67	17.65
		2549.5(40185)	17.80	17.81	17.75
		2506 (39750)	17.73	17.78	17.72
	50RB-Low (0)	2680 (41490)	17.30	17.37	17.27
		2636.5(41055)	17.59	17.70	17.65
		2593 (40620)	17.45	17.53	17.44
		2549.5(40185)	17.72	17.76	17.73
		2506 (39750)	17.67	17.72	17.69
	100RB (0)	2680 (41490)	17.39	17.46	17.48
		2636.5(41055)	17.58	17.62	17.66
		2593 (40620)	17.55	17.62	17.63
		2549.5(40185)	17.71	17.74	17.78
		2506 (39750)	17.77	17.78	17.80

LTE B66 ANT1

Band 66					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1779.3	20.67	21.07	21.07
		1745	20.92	21.09	21.31
		1710.7	20.95	21.10	21.30
	1RB-Middle (3)	1779.3	20.78	21.20	21.03
		1745	21.18	21.13	21.11

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		1710.7	20.81	21.14	20.99
	1RB-Low (0)	1779.3	20.92	21.10	20.91
		1745	20.92	21.09	20.91
		1710.7	20.92	21.07	20.84
	3RB-High (3)	1779.3	20.83	20.81	20.93
		1745	20.85	20.96	21.05
		1710.7	20.92	20.86	20.94
	3RB-Middle (1)	1779.3	21.01	21.05	20.90
		1745	20.77	21.04	21.11
		1710.7	20.89	20.83	20.91
	3RB-Low (0)	1779.3	20.81	20.94	20.77
		1745	20.83	20.86	20.94
		1710.7	20.82	20.92	20.97
	6RB (0)	1779.3	20.87	20.86	21.02
		1745	20.91	20.97	20.77
		1710.7	20.90	20.96	20.87
3MHz	1RB-High (14)	1778.5	20.78	21.21	21.17
		1745	21.02	21.21	21.06
		1711.5	20.90	21.29	21.27
	1RB-Middle (7)	1778.5	20.79	21.02	21.01
		1745	20.78	21.20	20.84
		1711.5	20.79	21.17	21.02
	1RB-Low (0)	1778.5	21.07	21.19	21.27
		1745	20.93	21.14	21.12
		1711.5	21.00	21.18	21.22
	8RB-High (7)	1778.5	20.97	21.13	20.99
		1745	20.91	20.99	21.02
		1711.5	20.95	21.00	21.10
	8RB-Middle (4)	1778.5	20.98	21.02	20.87
		1745	21.01	21.05	20.87
		1711.5	20.89	21.02	20.95
	8RB-Low (0)	1778.5	20.97	21.08	21.05
		1745	20.96	20.99	20.92
		1711.5	20.91	21.04	21.03
	15RB (0)	1778.5	20.96	20.94	20.91
		1745	21.02	20.89	20.98
		1711.5	21.00	20.94	20.89
5MHz	1RB-High (24)	1777.5	20.88	21.10	21.09
		1745	21.12	21.14	21.20
		1712.5	20.99	21.21	21.07
	1RB-Middle (12)	1777.5	21.32	20.94	21.20
		1745	20.98	21.37	21.01
		1712.5	20.79	21.11	20.78
	1RB-Low (0)	1777.5	20.87	21.24	21.31
		1745	21.09	21.27	21.49
		1712.5	21.07	21.28	21.29
	12RB-High (13)	1777.5	20.98	21.02	21.00
		1745	20.99	21.09	20.88

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		1712.5	20.95	21.01	20.94
	12RB-Middle (6)	1777.5	21.08	21.03	21.00
		1745	20.96	21.03	20.89
		1712.5	20.98	20.99	20.93
	12RB-Low (0)	1777.5	21.03	21.05	20.94
		1745	20.89	20.98	20.86
		1712.5	20.99	21.03	21.00
	25RB (0)	1777.5	21.03	21.00	20.91
		1745	21.06	21.03	21.02
		1712.5	21.05	20.98	20.99
10MHz	1RB-High (49)	1775	20.91	21.21	20.81
		1745	20.94	21.23	20.83
		1715	20.88	21.10	20.87
	1RB-Middle (24)	1775	21.06	21.24	21.20
		1745	20.88	21.18	21.15
		1715	20.83	21.11	21.18
	1RB-Low (0)	1775	20.88	21.18	20.88
		1745	21.03	21.27	20.97
		1715	20.94	21.01	21.00
	25RB-High (25)	1775	21.06	20.99	21.09
		1745	20.99	20.99	21.00
		1715	20.96	20.88	21.00
	25RB-Middle (12)	1775	20.98	20.97	21.03
		1745	21.11	20.99	21.09
		1715	21.05	20.96	21.07
	25RB-Low (0)	1775	20.97	20.95	20.93
		1745	20.91	21.01	21.00
		1715	20.97	20.99	20.97
	50RB (0)	1775	20.99	20.95	20.92
		1745	21.06	21.06	21.05
		1715	21.00	21.04	20.86
15MHz	1RB-High (74)	1772.5	20.75	21.16	21.06
		1745	20.89	20.98	20.83
		1717.5	20.82	20.94	20.77
	1RB-Middle (37)	1772.5	20.79	21.17	20.99
		1745	20.85	21.15	20.99
		1717.5 (132047)	20.87	21.04	20.96
	1RB-Low (0)	1772.5	20.86	21.09	21.18
		1745	20.77	21.19	21.15
		1717.5 (132047)	20.77	21.20	21.19
	36RB-High (38)	1772.5	20.89	20.86	20.96
		1745	20.90	20.91	20.95
		1717.5	20.87	20.82	20.96
	36RB-Middle (19)	1772.5	21.01	20.99	20.97
		1745	20.87	20.83	20.94
		1717.5	20.90	20.88	20.73
	36RB-Low	1772.5	20.86	20.85	20.94

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	(0)	1745	20.97	20.83	20.97
		1717.5	20.92	20.90	20.85
	75RB (0)	1772.5	20.86	20.93	20.92
		1745	20.95	20.92	20.88
		1717.5	20.89	20.87	20.86
20MHz	1RB-High (99)	1770	20.80	21.13	21.18
		1745	20.89	21.18	21.07
		1720	20.83	21.06	21.11
	1RB-Middle (50)	1770	20.88	21.15	21.11
		1745	20.81	21.17	21.04
		1720	20.79	20.98	21.02
	1RB-Low (0)	1770	20.78	21.17	21.18
		1745	20.77	20.98	20.97
		1720	20.79	21.17	21.01
	50RB-High (50)	1770	20.93	20.87	20.83
		1745	20.93	20.96	20.99
		1720	20.85	20.87	20.84
	50RB-Middle (25)	1770	20.80	20.88	20.96
		1745	20.97	20.99	20.95
		1720	20.87	20.90	20.91
	50RB-Low (0)	1770	20.90	20.78	20.88
		1745	20.89	20.89	20.86
		1720	20.81	20.77	20.78
	100RB (0)	1770	20.83	20.89	20.80
		1745	20.92	20.97	20.94
		1720	20.84	20.87	20.82

LTE B66 ANT6

Band 66					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1779.3	18.74	19.07	19.24
		1745	18.98	19.21	19.20
		1710.7	18.95	19.30	19.16
	1RB-Middle (3)	1779.3	19.20	19.21	19.20
		1745	19.29	19.27	19.41
		1710.7	19.23	19.37	19.17
	1RB-Low (0)	1779.3	18.83	19.05	19.12
		1745	18.95	19.09	19.16
		1710.7	19.08	19.28	19.29
	3RB-High (3)	1779.3	18.85	18.88	18.91
		1745	18.94	18.93	19.08
		1710.7	19.12	19.06	19.19
	3RB-Middle	1779.3	18.92	18.71	18.92

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	(1)	1745	18.97	19.11	19.20
		1710.7	19.07	19.38	19.03
	3RB-Low (0)	1779.3	18.86	18.99	19.00
		1745	18.93	19.13	19.32
		1710.7	19.05	19.10	19.30
	6RB (0)	1779.3	18.85	19.02	18.93
		1745	18.96	18.91	19.19
		1710.7	19.01	19.08	19.17
3MHz	1RB-High (14)	1778.5	18.91	19.30	19.18
		1745	19.12	19.36	19.29
		1711.5	19.13	19.50	19.41
	1RB-Middle (7)	1778.5	18.84	19.26	18.78
		1745	18.92	19.03	18.81
		1711.5	18.91	19.34	19.24
	1RB-Low (0)	1778.5	19.14	19.26	19.19
		1745	19.07	19.37	19.30
		1711.5	19.23	19.38	19.43
	8RB-High (7)	1778.5	19.03	18.91	19.11
		1745	19.02	19.11	19.14
		1711.5	19.13	19.18	19.20
	8RB-Middle (4)	1778.5	19.08	19.11	19.19
		1745	19.02	19.21	19.16
		1711.5	19.19	19.31	19.14
	8RB-Low (0)	1778.5	19.05	19.13	19.04
		1745	18.96	19.06	19.18
		1711.5	19.20	19.20	19.17
	15RB (0)	1778.5	19.03	19.05	18.93
		1745	19.10	19.08	19.04
		1711.5	19.16	19.11	19.09
5MHz	1RB-High (24)	1777.5	18.98	19.41	19.27
		1745	19.03	19.53	19.28
		1712.5	19.19	19.41	19.52
	1RB-Middle (12)	1777.5	18.82	19.09	18.76
		1745	18.88	19.31	19.13
		1712.5	18.95	19.45	19.27
	1RB-Low (0)	1777.5	19.12	19.23	19.38
		1745	19.11	19.20	19.34
		1712.5	19.29	19.44	19.37
	12RB-High (13)	1777.5	18.93	18.99	18.85
		1745	19.11	19.14	19.09
		1712.5	19.17	19.21	19.10
	12RB-Middle (6)	1777.5	19.04	19.12	18.98
		1745	19.03	18.99	19.05
		1712.5	19.23	19.25	19.13
	12RB-Low (0)	1777.5	19.07	19.05	18.94
		1745	19.02	19.10	19.07
		1712.5	19.15	19.13	19.03
	25RB (0)	1777.5	19.09	19.05	19.06

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		1745	19.16	19.09	19.07
		1712.5	19.15	19.28	19.27
10MHz	1RB-High (49)	1775	18.98	19.18	19.11
		1745	19.06	19.37	19.02
		1715	19.08	19.22	19.01
	1RB-Middle (24)	1775	18.95	19.28	19.19
		1745	19.19	19.22	19.26
		1715	19.06	19.06	19.40
	1RB-Low (0)	1775	18.98	19.11	19.03
		1745	19.16	19.22	18.99
		1715	19.18	19.19	19.24
	25RB-High (25)	1775	19.11	18.96	19.08
		1745	19.14	19.16	19.16
		1715	19.18	19.11	19.22
	25RB-Middle (12)	1775	19.01	19.04	19.02
		1745	19.19	19.12	19.11
		1715	19.18	19.22	19.14
	25RB-Low (0)	1775	19.05	19.07	19.03
		1745	18.95	19.07	19.06
		1715	19.26	19.12	19.22
	50RB (0)	1775	18.95	19.05	18.95
		1745	19.14	19.07	19.07
		1715	19.06	19.20	19.11
15MHz	1RB-High (74)	1772.5	18.93	18.89	19.15
		1745	18.88	19.11	19.27
		1717.5	18.83	19.13	19.30
	1RB-Middle (37)	1772.5	18.85	19.25	19.04
		1745	18.96	19.28	19.05
		1717.5	18.93	19.32	18.96
	1RB-Low (0)	1772.5	18.83	19.08	19.02
		1745	18.92	19.30	19.22
		1717.5	19.01	19.22	19.42
	36RB-High (38)	1772.5	18.89	18.96	18.91
		1745	18.99	19.05	19.02
		1717.5	19.09	19.09	19.11
	36RB-Middle (19)	1772.5	18.99	18.97	18.96
		1745	18.97	18.84	18.99
		1717.5	19.09	19.08	19.12
	36RB-Low (0)	1772.5	18.95	18.93	18.94
		1745	19.04	18.91	19.03
		1717.5	19.12	19.05	19.04
	75RB (0)	1772.5	18.86	18.83	18.87
		1745	19.06	19.05	19.07
		1717.5	19.02	19.05	19.06
20MHz	1RB-High (99)	1770	18.83	19.08	19.05
		1745	18.86	19.05	19.24
		1720	18.84	19.14	19.26
	1RB-Middle	1770	18.70	19.12	18.80

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	(50)	1745	18.79	19.00	19.24
		1720	18.92	19.19	19.29
	1RB-Low (0)	1770	18.85	19.15	18.98
		1745	18.83	19.16	19.32
		1720	18.93	19.30	19.28
	50RB-High (50)	1770	18.88	18.97	18.94
		1745	18.96	19.05	18.90
		1720	19.04	19.02	19.06
	50RB-Middle (25)	1770	18.85	18.82	18.91
		1745	18.97	19.00	19.05
		1720	19.11	19.06	19.17
	50RB-Low (0)	1770	18.84	18.95	18.96
		1745	18.93	18.97	19.00
		1720	19.03	18.88	19.12
	100RB (0)	1770	18.83	18.90	18.85
		1745	18.94	18.93	18.99
		1720	19.01	19.02	19.06

Measured Plimit for DSI13/DSI5

LTE B2 ANT1

Band 2					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1909.3	18.91	19.16	19.39
		1880	19.16	19.29	19.32
		1850.7	19.17	19.55	19.34
	1RB-Middle (3)	1909.3	19.22	19.37	19.10
		1880	19.47	19.78	19.25
		1850.7	19.06	19.41	19.37
	1RB-Low (0)	1909.3	19.12	19.32	19.45
		1880	19.27	19.50	19.42
		1850.7	19.30	19.60	19.40
	3RB-High (3)	1909.3	19.00	19.03	19.15
		1880	19.09	19.18	19.23
		1850.7	19.15	19.25	19.35
	3RB-Middle (1)	1909.3	19.18	19.23	19.14
		1880	19.22	19.36	18.99
		1850.7	19.10	19.08	19.44
	3RB-Low (0)	1909.3	19.07	19.14	19.25
		1880	19.18	19.23	19.25
		1850.7	19.16	19.25	19.43
	6RB (0)	1909.3	19.10	18.32	19.14

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		1880	19.20	19.19	19.20
		1850.7	19.20	19.29	19.27
3MHz	1RB-High (14)	1908.5	19.06	19.38	19.28
		1880	19.13	19.48	19.41
		1851.5	19.19	19.43	19.30
	1RB-Middle (7)	1908.5	18.98	19.37	19.04
		1880	19.05	19.45	19.32
		1851.5	19.06	19.51	19.24
	1RB-Low (0)	1908.5	19.24	19.47	19.36
		1880	19.39	19.53	19.52
		1851.5	19.33	19.53	19.72
	8RB-High (7)	1908.5	19.19	19.18	19.18
		1880	19.27	19.26	19.22
		1851.5	19.27	19.16	19.35
	8RB-Middle (4)	1908.5	19.18	19.20	19.18
		1880	19.30	19.28	19.34
		1851.5	19.34	19.35	19.29
	8RB-Low (0)	1908.5	19.19	19.34	19.39
		1880	19.34	19.33	19.31
		1851.5	19.32	19.42	19.38
	15RB (0)	1908.5	19.18	19.18	19.16
		1880	19.31	19.19	19.18
		1851.5	19.33	19.29	19.27
5MHz	1RB-High (24)	1907.5	18.85	19.14	19.30
		1880	19.24	19.40	19.49
		1852.5	19.24	19.49	19.50
	1RB-Middle (12)	1907.5	19.05	19.27	19.12
		1880	19.19	19.31	19.52
		1852.5	19.14	19.53	19.37
	1RB-Low (0)	1907.5	19.22	19.37	19.42
		1880	19.34	19.44	19.53
		1852.5	19.37	19.48	19.53
	12RB-High (13)	1907.5	19.11	19.19	19.15
		1880	19.25	19.29	19.16
		1852.5	19.19	19.10	19.28
	12RB-Middle (6)	1907.5	19.27	19.27	19.35
		1880	19.25	19.30	19.26
		1852.5	19.41	19.24	19.31
	12RB-Low (0)	1907.5	19.22	19.31	19.26
		1880	19.25	19.26	19.35
		1852.5	19.40	19.35	19.33
	25RB (0)	1907.5	19.19	19.19	19.18
		1880	19.25	19.22	19.11
		1852.5	19.34	19.32	19.26
10MHz	1RB-High (49)	1905 (19150)	19.04	19.31	19.23
		1880	19.24	19.39	19.34
		1855	19.21	19.40	19.39
	1RB-Middle	1905 (19150)	19.28	19.47	19.29

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	(24)	1880	19.23	19.51	19.36
		1855	19.36	19.45	19.37
	1RB-Low (0)	1905 (19150)	19.32	19.37	19.23
		1880	19.41	19.41	19.28
		1855	19.34	19.50	19.36
	25RB-High (25)	1905 (19150)	19.16	19.19	19.19
		1880	19.27	19.30	19.27
		1855	19.28	19.29	19.28
	25RB-Middle (12)	1905 (19150)	19.23	19.27	19.29
		1880	19.29	19.30	19.28
		1855	19.41	19.37	19.33
	25RB-Low (0)	1905 (19150)	19.23	19.18	19.19
		1880	19.31	19.28	19.26
		1855	19.35	19.42	19.37
	50RB (0)	1905 (19150)	19.08	19.13	19.13
		1880	19.29	19.25	19.20
		1855	19.36	19.34	19.33
15MHz	1RB-High (74)	1902.5	19.11	19.28	19.19
		1880	19.14	19.47	19.15
		1857.5	19.11	19.36	19.26
	1RB-Middle (37)	1902.5	18.96	19.35	19.19
		1880	19.22	19.29	19.20
		1857.5 (18675)	19.09	19.45	19.21
	1RB-Low (0)	1902.5	19.17	19.43	19.19
		1880	19.13	19.30	19.31
		1857.5 (18675)	19.17	19.33	19.33
	36RB-High (38)	1902.5	19.18	19.12	19.19
		1880	19.27	19.26	19.25
		1857.5	19.27	19.26	19.19
	36RB-Middle (19)	1902.5	19.17	19.07	19.06
		1880	19.25	19.17	19.15
		1857.5	19.26	19.24	19.21
	36RB-Low (0)	1902.5	19.24	19.11	19.16
		1880	19.19	19.09	19.22
		1857.5	19.28	19.29	19.26
	75RB (0)	1902.5	19.13	19.19	19.15
		1880	19.22	19.22	19.12
		1857.5	19.30	19.21	19.18
20MHz	1RB-High (99)	1900 (19100)	18.91	18.94	19.13
		1880	18.96	19.18	19.30
		1860	19.06	19.04	19.32
	1RB-Middle (50)	1900 (19100)	18.96	19.11	19.08
		1880	19.08	19.16	19.27
		1860	18.93	19.16	19.38
	1RB-Low (0)	1900 (19100)	18.98	19.13	19.20
		1880	19.07	19.15	19.29
		1860	19.14	19.08	19.42

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	50RB-High (50)	1900 (19100)	19.11	19.09	19.11
		1880	19.13	19.20	19.25
		1860	19.24	19.21	19.09
	50RB-Middle (25)	1900 (19100)	19.09	19.13	19.13
		1880	19.12	19.18	19.18
		1860	19.17	19.23	19.23
	50RB-Low (0)	1900 (19100)	19.13	19.04	19.24
		1880	19.22	19.18	19.28
		1860	19.11	19.18	19.09
	100RB (0)	1900 (19100)	19.13	19.07	19.14
		1880	19.08	19.04	19.13
		1860	19.19	19.19	19.12

LTE B2 ANT6

Band 2					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1909.3	12.13	12.45	12.46
		1880	12.21	12.47	12.54
		1850.7	12.39	12.64	12.54
	1RB-Middle (3)	1909.3	12.43	12.52	12.47
		1880	12.47	12.58	12.49
		1850.7	12.75	12.62	12.58
	1RB-Low (0)	1909.3	12.21	12.50	12.46
		1880	12.39	12.67	12.64
		1850.7	12.57	12.69	12.78
	3RB-High (3)	1909.3	12.13	12.38	12.25
		1880	12.24	12.19	12.31
		1850.7	12.41	12.43	12.49
	3RB-Middle (1)	1909.3	12.17	12.32	12.25
		1880	12.35	12.50	12.43
		1850.7	12.44	12.69	12.41
	3RB-Low (0)	1909.3	12.21	12.31	12.36
		1880	12.32	12.55	12.49
		1850.7	12.39	12.68	12.59
	6RB (0)	1909.3	12.22	12.21	12.15
		1880	12.14	12.32	12.42
		1850.7	12.48	12.54	12.56
3MHz	1RB-High (14)	1908.5	12.17	12.54	12.48
		1880	12.47	12.58	12.62
		1851.5	12.42	12.55	12.56
	1RB-Middle (7)	1908.5	12.14	12.56	12.49
		1880	12.20	12.42	12.63

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		1851.5	12.41	12.74	12.55
	1RB-Low (0)	1908.5	12.26	12.58	12.44
		1880	12.48	12.72	12.55
		1851.5	12.63	12.80	12.76
	8RB-High (7)	1908.5	12.33	12.38	12.36
		1880	12.48	12.49	12.26
		1851.5	12.46	12.52	12.40
	8RB-Middle (4)	1908.5	12.29	12.41	12.19
		1880	12.48	12.50	12.27
		1851.5	12.58	12.65	12.31
	8RB-Low (0)	1908.5	12.37	12.49	12.54
		1880	12.40	12.48	12.38
		1851.5	12.55	12.73	12.59
	15RB (0)	1908.5	12.30	12.34	12.39
		1880	12.39	12.36	12.42
		1851.5	12.57	12.57	12.47
5MHz	1RB-High (24)	1907.5	12.21	12.49	12.62
		1880	12.49	12.61	12.59
		1852.5	12.48	12.77	12.70
	1RB-Middle (12)	1907.5	12.35	12.72	12.29
		1880	12.22	12.58	12.51
		1852.5	12.42	12.78	12.35
	1RB-Low (0)	1907.5	12.42	12.56	12.62
		1880	12.58	12.72	12.75
		1852.5	12.62	12.79	12.57
	12RB-High (13)	1907.5	12.28	12.13	12.26
		1880	12.33	12.51	12.29
		1852.5	12.50	12.60	12.36
	12RB-Middle (6)	1907.5	12.40	12.37	12.32
		1880	12.40	12.48	12.35
		1852.5	12.58	12.62	12.37
	12RB-Low (0)	1907.5	12.37	12.24	12.30
		1880	12.46	12.41	12.46
		1852.5	12.69	12.71	12.43
	25RB (0)	1907.5	12.32	12.37	12.26
		1880	12.31	12.29	12.34
		1852.5	12.50	12.60	12.43
10MHz	1RB-High (49)	1905 (19150)	12.15	12.59	12.16
		1880	12.31	12.53	12.33
		1855	12.47	12.54	12.44
	1RB-Middle (24)	1905 (19150)	12.26	12.67	12.59
		1880	12.45	12.61	12.66
		1855	12.55	12.58	12.66
	1RB-Low (0)	1905 (19150)	12.30	12.55	12.43
		1880	12.53	12.76	12.49
		1855	12.60	12.65	12.76
	25RB-High (25)	1905 (19150)	12.30	12.23	12.32
		1880	12.42	12.49	12.47

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		1855	12.43	12.52	12.62
	25RB-Middle (12)	1905 (19150)	12.46	12.41	12.39
		1880	12.35	12.44	12.43
		1855	12.59	12.59	12.69
	25RB-Low (0)	1905 (19150)	12.25	12.31	12.41
		1880	12.46	12.42	12.43
		1855	12.62	12.64	12.59
	50RB (0)	1905 (19150)	12.33	12.38	12.37
		1880	12.38	12.45	12.45
		1855	12.58	12.57	12.55
15MHz	1RB-High (74)	1902.5	12.08	12.49	12.12
		1880	12.17	12.48	12.35
		1857.5	12.35	12.56	12.58
	1RB-Middle (37)	1902.5	12.17	12.46	12.20
		1880	12.24	12.57	12.36
		1857.5 (18675)	12.31	12.52	12.49
	1RB-Low (0)	1902.5	12.16	12.59	12.34
		1880	12.30	12.51	12.33
		1857.5 (18675)	12.49	12.48	12.50
	36RB-High (38)	1902.5	12.33	12.29	12.28
		1880	12.34	12.30	12.31
		1857.5	12.50	12.48	12.47
	36RB-Middle (19)	1902.5	12.25	12.18	12.20
		1880	12.37	12.31	12.32
		1857.5	12.52	12.49	12.50
	36RB-Low (0)	1902.5	12.24	12.15	12.25
		1880	12.38	12.38	12.40
		1857.5	12.47	12.46	12.46
	75RB (0)	1902.5	12.21	12.25	12.27
		1880	12.38	12.24	12.25
		1857.5	12.47	12.46	12.46
20MHz	1RB-High (99)	1900 (19100)	12.06	12.20	12.07
		1880	12.18	12.38	12.25
		1860	12.31	12.40	12.36
	1RB-Middle (50)	1900 (19100)	12.14	12.57	12.18
		1880	12.29	12.44	12.31
		1860	12.28	12.61	12.46
	1RB-Low (0)	1900 (19100)	12.21	12.51	12.32
		1880	12.21	12.34	12.27
		1860	12.49	12.56	12.51
	50RB-High (50)	1900 (19100)	12.21	12.23	12.23
		1880	12.34	12.36	12.35
		1860	12.41	12.43	12.43
	50RB-Middle (25)	1900 (19100)	12.27	12.29	12.30
		1880	12.22	12.36	12.24
		1860	12.44	12.52	12.42
	50RB-Low	1900 (19100)	12.26	12.18	12.24

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	(0)	1880	12.38	12.32	12.37
		1860	12.39	12.53	12.42
	100RB (0)	1900 (19100)	12.30	12.31	12.30
		1880	12.28	12.25	12.26
		1860	12.49	12.46	12.48

LTE B4 ANT1

Band 4					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1754.3	19.77	20.10	20.14
		1732.5	19.80	20.00	20.04
		1710.7	19.83	20.00	20.05
	1RB-Middle (3)	1754.3	20.07	20.18	20.15
		1732.5	19.69	20.07	20.10
		1710.7	20.00	20.17	20.19
	1RB-Low (0)	1754.3	19.74	20.20	20.18
		1732.5	19.84	20.02	20.07
		1710.7	19.83	20.13	19.92
	3RB-High (3)	1754.3	19.83	19.71	19.90
		1732.5	19.67	19.81	19.65
		1710.7	19.76	19.99	19.99
	3RB-Middle (1)	1754.3	19.84	19.95	19.97
		1732.5	19.85	19.91	19.92
		1710.7	19.95	20.01	19.90
	3RB-Low (0)	1754.3	19.79	19.85	19.85
		1732.5	19.73	19.85	19.92
		1710.7	19.78	19.93	19.86
	6RB (0)	1754.3	19.83	19.81	19.87
		1732.5	19.82	19.74	19.88
		1710.7	19.95	19.95	19.87
3MHz	1RB-High (14)	1753.5	19.77	20.09	20.09
		1732.5	19.80	20.15	20.15
		1711.5	19.97	20.16	20.20
	1RB-Middle (7)	1753.5	19.72	19.98	19.70
		1732.5	19.69	20.08	19.87
		1711.5	19.72	20.18	19.98
	1RB-Low (0)	1753.5	20.03	20.19	20.13
		1732.5	19.87	20.12	20.17
		1711.5	20.06	20.16	20.09
	8RB-High (7)	1753.5	19.91	20.05	20.04
		1732.5	19.88	19.95	19.96
		1711.5	20.01	20.05	19.99

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	8RB-Middle (4)	1753.5	19.88	19.94	20.10
		1732.5	19.95	20.03	19.92
		1711.5	19.94	20.01	20.00
	8RB-Low (0)	1753.5	19.94	19.98	19.88
		1732.5	19.88	19.96	19.91
		1711.5	19.88	20.07	19.94
	15RB (0)	1753.5	19.86	19.89	19.88
		1732.5	19.94	20.05	19.85
		1711.5	19.95	19.95	19.88
5MHz	1RB-High (24)	1752.5	19.80	19.98	20.00
		1732.5	19.97	20.11	20.13
		1712.5	20.00	20.07	20.33
	1RB-Middle (12)	1752.5	19.77	20.11	19.72
		1732.5	19.68	19.95	19.90
		1712.5	19.84	20.01	19.82
	1RB-Low (0)	1752.5	19.93	20.22	20.13
		1732.5	19.88	20.08	20.19
		1712.5	20.10	20.18	20.26
	12RB-High (13)	1752.5	19.88	19.95	19.93
		1732.5	19.88	19.72	19.88
		1712.5	19.97	20.04	19.96
	12RB-Middle (6)	1752.5	19.90	20.01	19.86
		1732.5	19.85	19.87	19.80
		1712.5	19.96	20.02	19.90
	12RB-Low (0)	1752.5	19.92	19.92	19.95
		1732.5	19.74	19.78	19.89
		1712.5	19.93	19.97	19.87
	25RB (0)	1752.5	19.93	19.94	19.83
		1732.5	19.86	19.96	19.79
		1712.5	19.99	19.95	20.00
10MHz	1RB-High (49)	1750	19.87	19.96	19.96
		1732.5	19.90	20.08	19.68
		1715	19.84	19.89	19.79
	1RB-Middle (24)	1750	19.80	20.18	20.20
		1732.5	19.76	19.97	20.16
		1715	19.90	20.22	20.20
	1RB-Low (0)	1750	19.77	20.16	19.86
		1732.5	19.92	20.09	19.90
		1715	19.94	20.02	19.88
	25RB-High (25)	1750	19.90	19.99	19.89
		1732.5	19.81	19.93	19.90
		1715	19.95	19.95	19.99
	25RB-Middle (12)	1750	19.96	19.90	19.97
		1732.5	19.93	19.94	19.94
		1715	20.00	19.93	19.98
	25RB-Low (0)	1750	19.83	19.95	19.94
		1732.5	19.91	19.84	19.94
		1715	19.90	19.92	19.92

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	50RB (0)	1750	19.84	19.87	19.97
		1732.5	19.91	19.93	19.88
		1715	19.96	20.00	19.99
15MHz	1RB-High (74)	1747.5	19.76	19.95	20.22
		1732.5	19.70	19.85	20.18
		1717.5	19.73	20.00	19.76
	1RB-Middle (37)	1747.5	19.65	19.97	19.73
		1732.5	19.77	19.99	19.87
		1717.5 (20025)	19.67	19.95	19.79
	1RB-Low (0)	1747.5	19.74	19.92	20.09
		1732.5	19.71	19.91	20.10
		1717.5 (20025)	19.76	20.04	20.23
	36RB-High (38)	1747.5	19.83	19.83	19.83
		1732.5	19.85	19.73	19.89
		1717.5	19.77	19.74	19.89
	36RB-Middle (19)	1747.5	19.80	19.89	19.92
		1732.5	19.88	19.76	19.87
		1717.5	19.87	19.87	19.90
	36RB-Low (0)	1747.5	19.73	19.70	19.81
		1732.5	19.76	19.76	19.72
		1717.5	19.84	19.83	19.88
	75RB (0)	1747.5	19.78	19.87	19.77
		1732.5	19.85	19.76	19.81
		1717.5	19.84	19.80	19.85
20MHz	1RB-High (99)	1745	19.71	19.79	19.64
		1732.5	19.76	19.76	19.65
		1720	19.72	19.77	19.76
	1RB-Middle (50)	1745	19.65	19.73	19.73
		1732.5	19.66	19.81	19.62
		1720	19.67	19.60	19.98
	1RB-Low (0)	1745	19.71	19.77	19.78
		1732.5	19.73	19.75	19.61
		1720	19.72	19.93	19.93
	50RB-High (50)	1745	19.78	19.66	19.64
		1732.5	19.84	19.59	19.69
		1720	19.81	19.61	19.76
	50RB-Middle (25)	1745	19.79	19.56	19.62
		1732.5	19.83	19.68	19.58
		1720	19.81	19.61	19.75
	50RB-Low (0)	1745	19.82	19.66	19.56
		1732.5	19.81	19.53	19.52
		1720	19.72	19.64	19.70
	100RB (0)	1745	19.75	19.61	19.59
		1732.5	19.85	19.70	19.58
		1720	19.92	19.63	19.69

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LTE B4 ANT6

Band 4					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1754.3	15.69	15.92	16.02
		1732.5	15.68	15.94	15.91
		1710.7	15.92	15.98	16.01
	1RB-Middle (3)	1754.3	15.88	15.99	15.77
		1732.5	15.67	16.03	15.93
		1710.7	16.15	16.08	16.12
	1RB-Low (0)	1754.3	15.59	16.04	15.69
		1732.5	15.65	15.87	16.09
		1710.7	15.98	16.14	15.89
	3RB-High (3)	1754.3	15.65	15.61	15.80
		1732.5	15.72	15.78	15.84
		1710.7	15.80	15.79	15.95
	3RB-Middle (1)	1754.3	15.66	15.40	15.70
		1732.5	15.79	15.62	15.90
		1710.7	15.88	15.97	15.43
	3RB-Low (0)	1754.3	15.62	15.67	15.74
		1732.5	15.68	15.70	15.90
		1710.7	15.81	15.82	15.88
	6RB (0)	1754.3	15.70	15.59	15.80
		1732.5	15.71	15.77	15.69
		1710.7	15.92	15.73	15.88
3MHz	1RB-High (14)	1753.5	15.72	15.99	15.81
		1732.5	15.77	16.07	16.01
		1711.5	15.80	16.15	16.37
	1RB-Middle (7)	1753.5	15.63	16.02	15.75
		1732.5	15.71	16.12	15.83
		1711.5	15.76	16.02	15.76
	1RB-Low (0)	1753.5	15.70	16.03	15.84
		1732.5	15.74	16.12	16.04
		1711.5	15.81	16.07	16.25
	8RB-High (7)	1753.5	15.71	15.87	15.84
		1732.5	15.81	15.80	15.93
		1711.5	15.96	15.95	15.94
	8RB-Middle (4)	1753.5	15.80	15.81	15.83
		1732.5	15.97	15.91	15.85
		1711.5	16.02	16.02	16.07
	8RB-Low (0)	1753.5	15.74	15.82	15.87
		1732.5	15.82	15.87	15.86
		1711.5	15.93	16.03	15.97
	15RB (0)	1753.5	15.78	15.71	15.66
		1732.5	15.88	15.81	15.79

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		1711.5	16.00	15.83	15.91
5MHz	1RB-High (24)	1752.5	15.64	15.95	15.87
		1732.5	15.74	15.96	15.74
		1712.5	15.78	16.02	16.07
	1RB-Middle (12)	1752.5	15.59	15.75	15.79
		1732.5	15.70	15.93	15.59
		1712.5	15.74	16.14	15.64
	1RB-Low (0)	1752.5	15.74	16.08	15.98
		1732.5	15.85	16.10	16.03
		1712.5	16.08	16.20	16.17
	12RB-High (13)	1752.5	15.74	15.87	15.62
		1732.5	15.81	15.87	15.85
		1712.5	15.94	15.98	15.75
	12RB-Middle (6)	1752.5	15.85	15.77	15.63
		1732.5	15.86	15.81	15.69
		1712.5	15.89	15.94	15.91
	12RB-Low (0)	1752.5	15.77	15.77	15.70
		1732.5	15.76	15.77	15.78
		1712.5	15.94	15.96	15.86
	25RB (0)	1752.5	15.78	15.80	15.76
		1732.5	15.85	15.78	15.78
		1712.5	15.92	15.95	15.94
10MHz	1RB-High (49)	1750	15.51	15.89	15.74
		1732.5	15.81	16.10	15.67
		1715	15.82	15.93	16.16
	1RB-Middle (24)	1750	15.86	15.80	15.92
		1732.5	15.81	16.06	16.05
		1715	15.97	16.07	16.12
	1RB-Low (0)	1750	15.71	15.82	15.62
		1732.5	15.87	15.87	15.91
		1715	15.86	15.90	15.98
	25RB-High (25)	1750	15.82	15.81	15.81
		1732.5	15.80	15.83	15.83
		1715	15.94	15.96	15.85
	25RB-Middle (12)	1750	15.76	15.76	15.80
		1732.5	15.90	15.92	15.90
		1715	16.04	15.89	15.98
	25RB-Low (0)	1750	15.79	15.76	15.73
		1732.5	15.85	15.76	15.75
		1715	16.03	15.94	15.94
	50RB (0)	1750	15.74	15.74	15.63
		1732.5	15.87	15.90	15.75
		1715	15.91	15.96	15.85
15MHz	1RB-High (74)	1747.5	15.47	15.75	15.64
		1732.5	15.57	15.92	15.54
		1717.5	15.68	16.02	15.75
	1RB-Middle (37)	1747.5	15.56	15.85	15.64
		1732.5	15.63	15.95	15.76

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		1717.5	15.60	15.98	15.81
	1RB-Low (0)	1747.5	15.55	15.90	15.74
		1732.5	15.63	15.83	15.79
		1717.5	15.66	15.90	15.79
	36RB-High (38)	1747.5	15.66	15.67	15.65
		1732.5	15.65	15.77	15.67
		1717.5	15.76	15.81	15.80
	36RB-Middle (19)	1747.5	15.66	15.75	15.66
		1732.5	15.79	15.75	15.80
		1717.5	15.84	15.81	15.81
	36RB-Low (0)	1747.5	15.57	15.66	15.56
		1732.5	15.73	15.67	15.58
		1717.5	15.81	15.77	15.79
	75RB (0)	1747.5	15.76	15.64	15.64
		1732.5	15.74	15.75	15.73
		1717.5	15.80	15.80	15.81
20MHz	1RB-High (99)	1745	15.76	15.70	15.95
		1732.5	15.78	15.84	15.85
		1720	15.68	15.90	15.94
	1RB-Middle (50)	1745	15.69	15.87	15.89
		1732.5	15.77	15.81	15.97
		1720	15.74	15.87	15.91
	1RB-Low (0)	1745	15.79	15.95	15.92
		1732.5	15.89	15.96	15.94
		1720	15.84	15.86	15.97
	50RB-High (50)	1745	15.84	15.78	15.85
		1732.5	15.82	15.87	15.85
		1720	15.89	15.91	15.86
	50RB-Middle (25)	1745	15.79	15.81	15.82
		1732.5	15.83	15.91	15.97
		1720	15.98	15.90	15.98
	50RB-Low (0)	1745	15.88	15.83	15.89
		1732.5	15.85	15.73	15.84
		1720	15.87	15.94	15.91
	100RB (0)	1745	15.85	15.80	15.84
		1732.5	15.85	15.87	15.83
		1720	15.97	15.98	15.87

LTE B5 ANT0

Band 5					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	848.3	20.31	20.55	20.65
		836.5	20.54	20.74	20.77

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		824.7	20.42	20.66	20.55
	1RB-Middle (3)	848.3	20.35	20.64	20.47
		836.5	20.71	20.79	20.70
		824.7	20.62	20.71	20.74
	1RB-Low (0)	848.3	20.34	20.67	20.67
		836.5	20.45	20.73	20.62
		824.7	20.54	20.67	20.60
	3RB-High (3)	848.3	20.36	20.40	20.58
		836.5	20.39	20.54	20.57
		824.7	20.43	20.41	20.59
	3RB-Middle (1)	848.3	20.45	20.47	20.50
		836.5	20.39	20.53	20.60
		824.7	20.52	20.46	20.63
	3RB-Low (0)	848.3	20.40	20.46	20.57
		836.5	20.46	20.62	20.56
		824.7	20.48	20.54	20.46
	6RB (0)	848.3	20.44	20.44	20.51
		836.5	20.44	20.46	20.46
		824.7	20.53	20.54	20.60
3MHz	1RB-High (14)	847.5	20.57	20.80	20.68
		836.5	20.54	20.82	20.83
		825.5	20.55	20.91	20.64
	1RB-Middle (7)	847.5	20.34	20.84	20.63
		836.5	20.43	20.82	20.35
		825.5	20.46	20.83	20.59
	1RB-Low (0)	847.5	20.63	20.79	20.70
		836.5	20.73	20.73	20.69
		825.5	20.61	20.79	20.73
	8RB-High (7)	847.5	20.51	20.56	20.53
		836.5	20.63	20.62	20.61
		825.5	20.64	20.58	20.64
	8RB-Middle (4)	847.5	20.57	20.62	20.65
		836.5	20.58	20.56	20.43
		825.5	20.64	20.69	20.58
	8RB-Low (0)	847.5	20.55	20.52	20.59
		836.5	20.49	20.59	20.54
		825.5	20.58	20.67	20.60
	15RB (0)	847.5	20.52	20.44	20.51
		836.5	20.55	20.52	20.51
		825.5	20.62	20.65	20.54
5MHz	1RB-High (24)	846.5	20.55	20.78	20.47
		836.5	20.55	20.81	20.78
		826.5	20.50	20.81	20.87
	1RB-Middle (12)	846.5	20.36	20.98	20.56
		836.5	20.47	20.69	20.45
		826.5	20.50	20.69	20.78
	1RB-Low (0)	846.5	20.68	20.77	20.75
		836.5	20.61	20.96	20.64

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		826.5	20.61	20.78	21.02
	12RB-High (13)	846.5	20.49	20.58	20.57
		836.5	20.65	20.71	20.60
		826.5	20.63	20.68	20.70
	12RB-Middle (6)	846.5	20.57	20.48	20.42
		836.5	20.62	20.49	20.56
		826.5	20.62	20.67	20.68
	12RB-Low (0)	846.5	20.54	20.58	20.52
		836.5	20.53	20.55	20.46
		826.5	20.61	20.75	20.74
	25RB (0)	846.5	20.45	20.36	20.49
		836.5	20.63	20.56	20.63
		826.5	20.62	20.64	20.71
10MHz	1RB-High (49)	844 (20600)	20.45	20.86	20.63
		836.5	20.55	20.69	20.75
		829 (20450)	20.47	20.76	20.80
	1RB-Middle (24)	844 (20600)	20.58	20.85	20.79
		836.5	20.51	20.80	20.69
		829 (20450)	20.60	20.59	20.75
	1RB-Low (0)	844 (20600)	20.54	20.76	20.61
		836.5	20.68	20.78	20.76
		829 (20450)	20.57	20.73	20.89
	25RB-High (25)	844 (20600)	20.61	20.60	20.67
		836.5	20.56	20.58	20.69
		829 (20450)	20.66	20.70	20.63
	25RB-Middle (12)	844 (20600)	20.59	20.59	20.47
		836.5	20.59	20.53	20.72
		829 (20450)	20.71	20.64	20.58
	25RB-Low (0)	844 (20600)	20.61	20.61	20.72
		836.5	20.68	20.64	20.60
		829 (20450)	20.57	20.60	20.65
	50RB (0)	844 (20600)	20.52	20.53	20.35
		836.5	20.61	20.55	20.64
		829 (20450)	20.65	20.69	20.63

LTE B5 ANT2

Band 5					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	848.3	20.27	20.64	20.48
		836.5	20.42	20.65	20.78
		824.7	20.44	20.75	20.53
	1RB-Middle (3)	848.3	20.53	20.54	20.57
		836.5	20.64	20.73	20.83
		824.7	20.67	20.81	20.68
	1RB-Low (0)	848.3	20.30	20.58	20.46

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		836.5	20.31	20.64	20.80
		824.7	20.43	20.80	20.67
	3RB-High (3)	848.3	20.27	20.47	20.44
		836.5	20.41	20.53	20.48
		824.7	20.42	20.58	20.41
	3RB-Middle (1)	848.3	20.45	20.34	20.15
		836.5	20.47	20.18	20.42
		824.7	20.51	20.53	20.41
	3RB-Low (0)	848.3	20.28	20.52	20.35
		836.5	20.41	20.50	20.36
		824.7	20.38	20.79	20.52
	6RB (0)	848.3	20.30	20.44	20.35
		836.5	20.37	20.45	20.48
		824.7	20.45	20.40	20.47
3MHz	1RB-High (14)	847.5	20.67	20.77	20.53
		836.5	20.47	20.84	20.78
		825.5	20.54	20.76	20.66
	1RB-Middle (7)	847.5	20.32	20.86	20.29
		836.5	20.32	20.67	20.64
		825.5	20.32	20.73	20.55
	1RB-Low (0)	847.5	20.45	20.81	20.63
		836.5	20.53	20.72	20.75
		825.5	20.49	20.78	20.83
	8RB-High (7)	847.5	20.38	20.51	20.55
		836.5	20.53	20.62	20.57
		825.5	20.56	20.45	20.51
	8RB-Middle (4)	847.5	20.60	20.56	20.52
		836.5	20.49	20.52	20.48
		825.5	20.47	20.60	20.42
	8RB-Low (0)	847.5	20.41	20.53	20.56
		836.5	20.42	20.44	20.51
		825.5	20.53	20.66	20.74
	15RB (0)	847.5	20.50	20.48	20.38
		836.5	20.49	20.53	20.38
		825.5	20.55	20.62	20.50
5MHz	1RB-High (24)	846.5	20.34	20.66	20.47
		836.5	20.52	20.80	20.76
		826.5	20.56	20.80	20.68
	1RB-Middle (12)	846.5	20.37	20.95	20.51
		836.5	20.42	20.43	20.61
		826.5	20.37	21.05	20.79
	1RB-Low (0)	846.5	20.41	20.66	20.59
		836.5	20.50	20.82	20.78
		826.5	20.68	20.80	20.83
	12RB-High (13)	846.5	20.44	20.58	20.36
		836.5	20.58	20.57	20.43
		826.5	20.55	20.67	20.43
	12RB-Middle	846.5	20.49	20.52	20.40

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	(6)	836.5	20.47	20.49	20.48
		826.5	20.61	20.54	20.53
	12RB-Low (0)	846.5	20.40	20.42	20.37
		836.5	20.44	20.48	20.40
		826.5	20.62	20.66	20.54
	25RB (0)	846.5	20.42	20.40	20.39
		836.5	20.49	20.45	20.56
		826.5	20.62	20.66	20.56
10MHz	1RB-High (49)	844 (20600)	20.31	20.55	20.52
		836.5	20.42	20.63	20.57
		829 (20450)	20.45	20.70	20.67
	1RB-Middle (24)	844 (20600)	20.27	20.75	20.57
		836.5	20.47	20.69	20.90
		829 (20450)	20.24	20.79	20.66
	1RB-Low (0)	844 (20600)	20.61	20.76	20.64
		836.5	20.39	20.80	20.65
		829 (20450)	20.52	20.84	20.67
	25RB-High (25)	844 (20600)	20.49	20.58	20.53
		836.5	20.56	20.53	20.58
		829 (20450)	20.46	20.54	20.57
	25RB-Middle (12)	844 (20600)	20.50	20.46	20.58
		836.5	20.48	20.56	20.60
		829 (20450)	20.64	20.52	20.65
	25RB-Low (0)	844 (20600)	20.48	20.48	20.54
		836.5	20.51	20.57	20.58
		829 (20450)	20.58	20.58	20.59
	50RB (0)	844 (20600)	20.46	20.48	20.51
		836.5	20.53	20.55	20.61
		829 (20450)	20.61	20.53	20.64

LTE B7 ANT3

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	17.54	17.83	17.89
		2535	17.75	18.02	18.03
		2502.5	17.43	17.70	17.68
	1RB-Middle (12)	2567.5	17.45	17.76	17.44
		2535	17.59	17.89	17.48
		2502.5	17.31	17.61	17.35
	1RB-Low (0)	2567.5	17.73	17.95	18.02
		2535	17.67	17.92	18.15
		2502.5	17.39	17.55	17.74
	12RB-High	2567.5	17.67	17.80	17.57

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	(13)	2535	17.72	17.79	17.77
		2502.5	17.45	17.69	17.43
	12RB-Middle (6)	2567.5	17.62	17.67	17.70
		2535	17.59	17.67	17.63
		2502.5	17.50	17.50	17.48
	12RB-Low (0)	2567.5	17.56	17.55	17.69
		2535	17.58	17.66	17.61
		2502.5	17.46	17.48	17.29
	25RB (0)	2567.5	17.62	17.66	17.52
		2535	17.62	17.56	17.55
		2502.5	17.45	17.48	17.47
10MHz	1RB-High (49)	2565	17.61	17.77	17.80
		2535	17.72	17.84	17.58
		2505	17.49	17.61	17.83
	1RB-Middle (24)	2565	17.78	17.77	17.87
		2535	17.76	17.64	18.00
		2505	17.39	17.56	17.71
	1RB-Low (0)	2565	17.63	17.85	17.72
		2535	17.56	17.82	17.67
		2505	17.37	17.49	17.47
	25RB-High (25)	2565	17.68	17.64	17.66
		2535	17.78	17.71	17.72
		2505	17.53	17.47	17.51
	25RB-Middle (12)	2565	17.76	17.65	17.67
		2535	17.75	17.70	17.70
		2505	17.51	17.41	17.44
	25RB-Low (0)	2565	17.65	17.69	17.68
		2535	17.69	17.72	17.72
		2505	17.49	17.40	17.49
	50RB (0)	2565	17.66	17.55	17.61
		2535	17.58	17.66	18.08
		2505	17.43	17.47	17.48
15MHz	1RB-High (74)	2562.5	17.38	17.56	17.42
		2535	17.44	17.67	17.59
		2507.5	17.23	17.39	17.37
	1RB-Middle (37)	2562.5	17.37	17.75	17.49
		2535	17.38	17.83	17.51
		2507.5	17.31	17.61	17.41
	1RB-Low (0)	2562.5	17.44	17.73	17.56
		2535	17.38	17.62	17.47
		2507.5	17.15	17.44	17.35
	36RB-High (38)	2562.5	17.58	17.53	17.57
		2535	17.68	17.57	17.60
		2507.5	17.39	17.43	17.36
	36RB-Middle (19)	2562.5	17.56	17.61	17.60
		2535	17.51	17.58	17.52
		2507.5	17.40	17.48	17.18
	36RB-Low	2562.5	17.66	17.62	17.58

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	(0)	2535	17.50	17.58	17.46
		2507.5	17.28	17.32	17.33
	75RB (0)	2562.5	17.59	17.55	17.57
		2535	17.57	17.56	17.61
		2507.5	17.46	17.39	17.42
20MHz	1RB-High (99)	2560	17.25	17.56	17.64
		2535	17.41	17.76	17.65
		2510	17.31	17.61	17.40
	1RB-Middle (50)	2560	17.32	17.61	17.64
		2535	17.42	17.58	17.52
		2510	17.12	17.40	17.22
	1RB-Low (0)	2560	17.26	17.71	17.75
		2535	17.59	17.64	17.61
		2510	17.18	17.25	17.27
	50RB-High (50)	2560	17.59	17.63	17.59
		2535	17.65	17.62	17.60
		2510	17.46	17.44	17.42
	50RB-Middle (25)	2560	17.54	17.57	17.63
		2535	17.52	17.56	17.49
		2510	17.37	17.34	17.38
	50RB-Low (0)	2560	17.61	17.65	17.60
		2535	17.50	17.56	17.52
		2510	17.33	17.34	17.27
	100RB (0)	2560	17.60	17.61	17.57
		2535	17.52	17.61	17.56
		2510	17.40	17.38	17.40

LTE B7 ANT9

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	18.20	18.37	18.32
		2535	18.19	18.32	18.43
		2502.5	17.84	18.06	18.10
	1RB-Middle (12)	2567.5	17.89	18.13	18.18
		2535	17.93	18.20	18.17
		2502.5	17.93	18.23	17.82
	1RB-Low (0)	2567.5	18.15	18.22	18.33
		2535	18.07	18.35	18.30
		2502.5	17.80	18.05	18.02
	12RB-High (13)	2567.5	18.07	18.19	18.10
		2535	18.26	18.34	18.29
		2502.5	17.81	17.79	17.70
	12RB-Middle	2567.5	18.14	18.10	17.99

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	(6)	2535	18.10	18.13	18.12
		2502.5	17.79	17.82	17.82
	12RB-Low (0)	2567.5	18.06	18.09	18.06
		2535	17.95	18.10	18.08
		2502.5	17.66	17.79	17.63
	25RB (0)	2567.5	18.10	18.15	18.06
		2535	18.05	18.04	18.09
		2502.5	17.81	17.77	17.85
10MHz	1RB-High (49)	2565	18.02	18.24	18.18
		2535	18.14	18.38	18.14
		2505	17.86	18.09	18.06
	1RB-Middle (24)	2565	18.05	18.38	18.35
		2535	18.23	18.49	18.40
		2505	17.73	18.03	18.04
	1RB-Low (0)	2565	18.02	18.31	18.15
		2535	18.05	18.43	18.28
		2505	17.65	17.97	17.77
	25RB-High (25)	2565	18.14	18.16	18.17
		2535	18.18	18.26	18.16
		2505	17.78	17.92	17.93
	25RB-Middle (12)	2565	18.13	18.12	18.09
		2535	18.20	18.18	18.20
		2505	17.85	17.80	17.91
	25RB-Low (0)	2565	18.16	18.15	18.10
		2535	18.12	18.18	18.16
		2505	17.84	17.72	17.85
	50RB (0)	2565	18.09	18.06	18.11
		2535	18.13	18.15	18.13
		2505	17.83	17.85	17.81
15MHz	1RB-High (74)	2562.5	17.79	18.14	17.97
		2535	17.76	18.20	17.96
		2507.5	17.70	17.97	17.93
	1RB-Middle (37)	2562.5	17.83	18.15	17.94
		2535	17.85	18.04	18.01
		2507.5	17.54	17.91	17.62
	1RB-Low (0)	2562.5	17.88	18.18	18.05
		2535	17.85	18.17	17.99
		2507.5	17.48	17.70	17.64
	36RB-High (38)	2562.5	18.01	17.94	18.03
		2535	18.10	18.06	18.09
		2507.5	17.75	17.79	17.78
	36RB-Middle (19)	2562.5	18.07	18.03	18.02
		2535	18.00	17.93	18.01
		2507.5	17.76	17.78	17.76
	36RB-Low (0)	2562.5	18.00	17.94	17.94
		2535	18.04	18.01	17.94
		2507.5	17.69	17.70	17.79
	75RB (0)	2562.5	18.04	18.05	18.08

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		2535	17.99	18.00	18.00
		2507.5	17.72	17.78	17.78
20MHz	1RB-High (99)	2560	17.81	17.95	17.94
		2535	17.91	17.97	17.97
		2510	17.79	18.03	17.78
	1RB-Middle (50)	2560	17.81	18.11	17.86
		2535	17.90	18.17	18.05
		2510	17.52	17.89	17.75
	1RB-Low (0)	2560	17.87	18.26	18.05
		2535	17.89	18.10	17.91
		2510	17.48	17.92	17.61
	50RB-High (50)	2560	17.95	17.92	18.02
		2535	18.05	18.06	18.09
		2510	17.83	17.89	17.87
	50RB-Middle (25)	2560	17.97	17.99	17.99
		2535	18.00	18.02	17.99
		2510	17.75	17.77	17.87
	50RB-Low (0)	2560	18.04	18.02	18.03
		2535	17.99	17.97	17.93
		2510	17.71	17.64	17.64
	100RB (0)	2560	17.95	18.03	18.06
		2535	17.96	17.97	18.01
		2510	17.72	17.79	17.80

LTE B7 ANT1

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	18.29	18.47	18.28
		2535	18.12	18.29	18.37
		2502.5	18.31	18.67	18.63
	1RB-Middle (12)	2567.5	18.04	18.47	18.42
		2535	18.03	18.44	18.41
		2502.5	18.27	18.64	18.45
	1RB-Low (0)	2567.5	18.37	18.62	18.48
		2535	17.99	18.44	18.35
		2502.5	18.25	18.58	18.54
	12RB-High (13)	2567.5	18.32	18.36	18.41
		2535	18.19	18.31	18.20
		2502.5	18.43	18.58	18.57
	12RB-Middle (6)	2567.5	18.38	18.41	18.43
		2535	18.08	18.11	18.22
		2502.5	18.52	18.44	18.55
	12RB-Low (0)	2567.5	18.24	18.25	18.32
		2535	18.12	18.12	18.09
		2502.5	18.45	18.48	18.46

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	25RB (0)	2567.5	18.27	18.32	18.32
		2535	18.09	18.08	18.03
		2502.5	18.42	18.41	18.46
10MHz	1RB-High (49)	18.06	18.06	18.50	18.41
		18.12	18.12	18.35	18.04
		18.17	18.17	18.56	18.46
	1RB-Middle (24)	18.61	18.61	18.57	18.50
		18.03	18.03	18.35	18.43
		18.18	18.18	18.46	18.60
	1RB-Low (0)	18.40	18.40	18.70	18.52
		18.17	18.17	18.50	18.29
		18.01	18.01	18.50	18.16
	25RB-High (25)	18.43	18.43	18.38	18.38
		17.99	17.99	18.13	18.23
		18.19	18.19	18.44	18.35
	25RB-Middle (12)	18.43	18.43	18.34	18.32
		18.24	18.24	18.10	18.22
		18.05	18.05	18.51	18.26
	25RB-Low (0)	18.13	18.13	18.21	18.34
		18.17	18.17	18.10	18.19
		18.10	18.10	18.46	18.40
	50RB (0)	18.22	18.22	18.29	18.31
		18.23	18.23	18.10	18.07
		18.15	18.15	18.36	18.41
15MHz	1RB-High (74)	2562.5	18.13	18.52	17.92
		2535	18.07	18.23	18.02
		2507.5	18.08	18.49	18.10
	1RB-Middle (37)	2562.5	18.08	18.50	18.09
		2535	18.12	18.14	17.83
		2507.5	18.16	18.39	18.31
	1RB-Low (0)	2562.5	18.23	18.40	18.22
		2535	18.23	18.27	18.31
		2507.5	18.54	18.12	18.67
	36RB-High (38)	2562.5	18.22	18.12	18.14
		2535	18.21	18.01	18.06
		2507.5	18.34	18.19	18.21
	36RB-Middle (19)	2562.5	18.01	18.11	18.16
		2535	18.04	18.00	18.05
		2507.5	18.44	18.32	18.24
	36RB-Low (0)	2562.5	18.10	18.15	18.17
		2535	18.16	18.09	18.03
		2507.5	18.36	18.11	18.25
	75RB (0)	2562.5	18.15	18.15	18.11
		2535	18.16	18.01	18.08
		2507.5	18.36	18.28	18.25
20MHz	1RB-High (99)	2560	18.27	18.41	18.38
		2535	18.04	18.44	17.91
		2510	18.13	18.42	17.78

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	1RB-Middle (50)	2560	18.26	18.28	18.55
		2535	18.06	18.33	18.31
		2510	18.19	18.48	17.99
	1RB-Low (0)	2560	18.14	18.40	17.84
		2535	18.01	18.33	17.97
		2510	18.51	18.02	18.04
	50RB-High (50)	2560	18.31	18.16	18.21
		2535	18.18	18.05	18.06
		2510	18.30	18.11	18.25
	50RB-Middle (25)	2560	18.26	18.14	18.11
		2535	18.16	18.04	18.10
		2510	18.38	18.28	18.26
	50RB-Low (0)	2560	18.22	18.12	18.10
		2535	18.17	18.02	18.04
		2510	18.39	18.21	18.25
	100RB (0)	2560	18.29	18.08	18.16
		2535	18.15	17.94	18.03
		2510	18.40	18.24	18.25

LTE B7 ANT6

Band 7					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2567.5	13.10	13.43	13.55
		2535	13.19	13.52	13.23
		2502.5	13.12	13.62	13.44
	1RB-Middle (12)	2567.5	13.01	13.25	13.33
		2535	13.20	13.36	13.39
		2502.5	13.06	13.37	13.04
	1RB-Low (0)	2567.5	13.04	13.40	13.22
		2535	13.11	13.48	13.48
		2502.5	13.19	13.49	13.42
	12RB-High (13)	2567.5	13.15	13.38	13.24
		2535	13.24	13.37	13.34
		2502.5	13.29	13.42	13.36
	12RB-Middle (6)	2567.5	13.19	13.22	13.19
		2535	13.23	13.15	13.13
		2502.5	13.25	13.24	13.32
	12RB-Low (0)	2567.5	13.10	13.26	13.16
		2535	13.02	13.16	13.04
		2502.5	13.14	13.27	13.21
	25RB (0)	2567.5	13.19	13.18	13.20
		2535	13.19	13.20	13.15
		2502.5	13.33	13.31	13.33

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10MHz	1RB-High (49)	2565	12.90	13.20	13.33
		2535	13.16	13.61	13.44
		2505	13.19	13.34	13.42
	1RB-Middle (24)	2565	13.08	13.18	13.34
		2535	13.14	13.46	13.47
		2505	13.11	13.31	13.31
	1RB-Low (0)	2565	12.98	13.16	13.30
		2535	13.23	13.57	13.42
		2505	13.15	13.48	13.38
	25RB-High (25)	2565	13.20	13.29	13.24
		2535	13.26	13.35	13.35
		2505	13.33	13.31	13.32
	25RB-Middle (12)	2565	13.22	13.19	13.24
		2535	13.23	13.33	13.34
		2505	13.32	13.31	13.31
	25RB-Low (0)	2565	13.20	13.28	13.20
		2535	13.21	13.36	13.32
		2505	13.38	13.31	13.26
	50RB (0)	2565	13.13	13.17	13.22
		2535	13.18	13.36	13.36
		2505	13.35	13.31	13.26
15MHz	1RB-High (74)	2562.5	12.86	13.06	13.06
		2535	12.82	13.25	13.22
		2507.5	13.02	13.27	13.30
	1RB-Middle (37)	2562.5	12.85	13.06	13.17
		2535	12.88	13.34	13.23
		2507.5	12.94	13.29	13.16
	1RB-Low (0)	2562.5	12.92	13.05	13.14
		2535	12.98	13.39	13.16
		2507.5	12.98	13.13	13.21
	36RB-High (38)	2562.5	13.06	13.07	13.30
		2535	13.13	13.13	13.24
		2507.5	13.17	13.19	13.27
	36RB-Middle (19)	2562.5	13.00	13.07	13.22
		2535	13.00	13.15	13.15
		2507.5	13.17	13.14	13.24
	36RB-Low (0)	2562.5	13.12	13.14	13.26
		2535	13.03	13.10	13.16
		2507.5	13.09	13.12	13.27
	75RB (0)	2562.5	13.10	12.97	13.18
		2535	13.06	13.05	13.07
		2507.5	13.14	13.00	13.13
20MHz	1RB-High (99)	2560	12.95	13.16	13.06
		2535	12.91	13.33	13.18
		2510	12.92	13.30	13.22
	1RB-Middle (50)	2560	12.96	13.20	13.16
		2535	12.90	13.34	13.22
		2510	13.04	13.22	13.19

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	1RB-Low (0)	2560	12.87	13.36	13.08
		2535	13.01	13.36	13.09
		2510	12.95	13.23	13.01
	50RB-High (50)	2560	13.09	13.15	13.14
		2535	13.10	13.15	13.14
		2510	13.17	13.22	13.21
	50RB-Middle (25)	2560	13.10	13.04	13.06
		2535	13.00	13.10	13.14
		2510	13.20	13.15	13.22
	50RB-Low (0)	2560	13.06	13.13	13.09
		2535	13.12	13.14	13.14
		2510	13.17	13.18	13.26
	100RB (0)	2560	12.96	13.09	13.18
		2535	13.08	13.12	13.02
		2510	13.16	13.17	13.14

LTE B12 ANT0

Band 12					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	715.3	20.29	20.73	20.45
		707.5	20.29	20.59	20.52
		699.7	20.25	20.68	20.57
	1RB-Middle (3)	715.3	20.49	20.76	20.75
		707.5	20.53	20.64	20.70
		699.7	20.28	20.74	20.67
	1RB-Low (0)	715.3	20.26	20.75	20.45
		707.5	20.24	20.58	20.50
		699.7	20.34	20.81	20.76
	3RB-High (3)	715.3	20.25	20.35	20.41
		707.5	20.34	20.50	20.61
		699.7	20.38	20.47	20.48
	3RB-Middle (1)	715.3	20.23	20.60	20.52
		707.5	20.48	20.35	20.55
		699.7	20.35	20.64	20.58
	3RB-Low (0)	715.3	20.27	20.52	20.40
		707.5	20.25	20.52	20.57
		699.7	20.38	20.50	20.64
	6RB (0)	715.3	20.31	20.53	20.34
		707.5	20.27	20.47	20.58
		699.7	20.39	20.50	20.51
3MHz	1RB-High (14)	714.5	20.35	20.61	20.50
		707.5	20.35	20.78	20.69

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		700.5	20.38	20.53	20.43
	1RB-Middle (7)	714.5	20.33	20.54	20.39
		707.5	20.24	20.42	20.20
		700.5	20.31	20.67	20.39
	1RB-Low (0)	714.5	20.38	20.71	20.60
		707.5	20.31	20.62	20.52
		700.5	20.51	20.82	20.76
	8RB-High (7)	714.5	20.40	20.44	20.53
		707.5	20.46	20.43	20.53
		700.5	20.44	20.49	20.58
	8RB-Middle (4)	714.5	20.40	20.45	20.40
		707.5	20.39	20.50	20.43
		700.5	20.55	20.55	20.43
	8RB-Low (0)	714.5	20.45	20.36	20.37
		707.5	20.39	20.41	20.55
		700.5	20.44	20.62	20.62
	15RB (0)	714.5	20.34	20.37	20.38
		707.5	20.45	20.39	20.37
		700.5	20.44	20.44	20.43
5MHz	1RB-High (24)	713.5	20.28	20.66	20.74
		707.5	20.43	20.70	20.68
		701.5	20.33	20.76	20.49
	1RB-Middle (12)	713.5	20.35	20.77	20.50
		707.5	20.26	20.55	20.40
		701.5	20.24	20.72	20.42
	1RB-Low (0)	713.5	20.35	20.57	20.67
		707.5	20.26	20.56	20.63
		701.5	20.52	20.65	20.62
	12RB-High (13)	713.5	20.34	20.41	20.42
		707.5	20.37	20.45	20.36
		701.5	20.44	20.49	20.42
	12RB-Middle (6)	713.5	20.38	20.39	20.39
		707.5	20.46	20.43	20.43
		701.5	20.47	20.48	20.47
	12RB-Low (0)	713.5	20.32	20.40	20.39
		707.5	20.47	20.42	20.45
		701.5	20.48	20.33	20.49
	25RB (0)	713.5	20.30	20.39	20.36
		707.5	20.39	20.45	20.36
		701.5	20.43	20.46	20.43
10MHz	1RB-High (49)	711 (23130)	20.24	20.40	20.41
		707.5	20.23	20.36	20.45
		704 (23060)	20.28	20.56	20.42
	1RB-Middle (24)	711 (23130)	20.40	20.39	20.46
		707.5	20.24	20.52	20.45
		704 (23060)	20.42	20.56	20.41
	1RB-Low (0)	711 (23130)	20.31	20.60	20.47
		707.5	20.34	20.50	20.52

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		704 (23060)	20.38	20.66	20.61
	25RB-High (25)	711 (23130)	20.25	20.37	20.43
		707.5	20.37	20.47	20.51
		704 (23060)	20.28	20.39	20.13
	25RB-Middle (12)	711 (23130)	20.42	20.37	20.41
		707.5	20.33	20.21	20.40
		704 (23060)	20.43	20.46	20.00
	25RB-Low (0)	711 (23130)	20.40	20.34	20.39
		707.5	20.26	20.46	20.04
		704 (23060)	20.32	20.39	20.28
	50RB (0)	711 (23130)	20.32	20.26	20.34
		707.5	20.29	20.38	20.43
		704 (23060)	20.38	20.37	20.27

LTE B12 ANT2

Band 12					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	715.3	20.18	20.51	20.52
		707.5	20.25	20.56	20.44
		699.7	20.24	20.52	20.42
	1RB-Middle (3)	715.3	20.53	20.66	20.41
		707.5	20.53	20.60	20.67
		699.7	20.53	20.67	20.70
	1RB-Low (0)	715.3	20.28	20.60	20.42
		707.5	20.29	20.70	20.70
		699.7	20.36	20.59	20.75
	3RB-High (3)	715.3	20.21	20.23	20.30
		707.5	20.34	20.37	20.37
		699.7	20.32	20.37	20.40
	3RB-Middle (1)	715.3	20.35	20.36	20.45
		707.5	20.35	20.33	20.40
		699.7	20.44	20.39	20.21
	3RB-Low (0)	715.3	20.27	20.40	20.17
		707.5	20.29	20.55	20.29
		699.7	20.32	20.54	20.64
	6RB (0)	715.3	20.31	20.31	20.40
		707.5	20.25	20.35	20.17
		699.7	20.38	20.36	20.40
3MHz	1RB-High (14)	714.5	20.41	20.59	20.51
		707.5	20.32	20.59	20.67
		700.5	20.39	20.54	20.55
	1RB-Middle (7)	714.5	20.24	20.60	20.40
		707.5	20.26	20.67	20.25
		700.5	20.30	20.50	20.33
	1RB-Low (0)	714.5	20.35	20.60	20.46

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		707.5	20.36	20.83	20.55
		700.5	20.38	20.77	20.66
	8RB-High (7)	714.5	20.40	20.36	20.41
		707.5	20.40	20.46	20.50
		700.5	20.38	20.41	20.49
	8RB-Middle (4)	714.5	20.43	20.55	20.47
		707.5	20.29	20.38	20.31
		700.5	20.45	20.46	20.45
	8RB-Low (0)	714.5	20.35	20.43	20.48
		707.5	20.40	20.35	20.36
		700.5	20.45	20.53	20.57
	15RB (0)	714.5	20.34	20.42	20.35
		707.5	20.27	20.41	20.34
		700.5	20.41	20.51	20.43
5MHz	1RB-High (24)	713.5	20.32	20.61	20.67
		707.5	20.47	20.72	20.63
		701.5	20.25	20.70	20.50
	1RB-Middle (12)	713.5	20.30	20.72	20.28
		707.5	20.31	20.62	20.31
		701.5	20.34	20.59	20.10
	1RB-Low (0)	713.5	20.47	20.56	20.61
		707.5	20.35	20.66	20.52
		701.5	20.39	20.59	20.60
	12RB-High (13)	713.5	20.40	20.27	20.45
		707.5	20.42	20.43	20.45
		701.5	20.34	20.53	20.29
	12RB-Middle (6)	713.5	20.39	20.45	20.33
		707.5	20.46	20.46	20.44
		701.5	20.50	20.55	20.32
	12RB-Low (0)	713.5	20.38	20.37	20.29
		707.5	20.45	20.38	20.45
		701.5	20.45	20.50	20.45
	25RB (0)	713.5	20.36	20.30	20.34
		707.5	20.41	20.29	20.33
		701.5	20.44	20.49	20.43
10MHz	1RB-High (49)	711 (23130)	20.12	20.44	20.48
		707.5	20.19	20.34	20.20
		704 (23060)	20.30	20.51	20.63
	1RB-Middle (24)	711 (23130)	20.47	20.55	20.57
		707.5	20.45	20.50	20.12
		704 (23060)	20.39	20.53	20.50
	1RB-Low (0)	711 (23130)	20.46	20.69	20.50
		707.5	20.44	20.57	20.63
		704 (23060)	20.32	20.63	20.73
	25RB-High (25)	711 (23130)	20.25	20.28	20.41
		707.5	20.41	20.42	20.49
		704 (23060)	20.40	20.39	20.02
	25RB-Middle	711 (23130)	20.43	20.41	20.36

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	(12)	707.5	20.38	20.39	20.48
		704 (23060)	20.50	20.53	19.91
	25RB-Low (0)	711 (23130)	20.40	20.44	20.48
		707.5	20.39	20.41	19.93
		704 (23060)	20.42	20.45	20.32
	50RB (0)	711 (23130)	20.44	20.29	20.33
		707.5	20.30	20.32	20.39
		704 (23060)	20.53	20.54	20.19

LTE B17 ANT0

Band 17					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	713.5	20.23	20.57	20.51
		710 (23790)	20.33	20.62	20.58
		706.5	20.28	20.42	20.38
	1RB-Middle (12)	713.5	20.31	20.83	20.40
		710 (23790)	20.33	20.64	20.51
		706.5	20.21	20.60	20.41
	1RB-Low (0)	713.5	20.27	20.62	20.63
		710 (23790)	20.34	20.57	20.51
		706.5	20.27	20.62	20.60
	12RB-High (13)	713.5	20.30	20.31	20.37
		710 (23790)	20.36	20.37	20.41
		706.5	20.31	20.41	20.38
	12RB-Middle (6)	713.5	20.38	20.34	20.37
		710 (23790)	20.31	20.35	20.33
		706.5	20.45	20.48	20.42
	12RB-Low (0)	713.5	20.38	20.45	20.30
		710 (23790)	20.31	20.12	20.39
		706.5	20.45	20.45	20.40
	25RB (0)	713.5	20.38	20.29	20.33
		710 (23790)	20.33	20.35	20.29
		706.5	20.43	20.40	20.30
10MHz	1RB-High	711 (23800)	20.13	20.59	20.43
		710 (23790)	20.05	20.48	20.45
		709 (23780)	20.24	20.71	20.45
	1RB-Middle (24)	711 (23800)	20.29	20.51	20.66
		710 (23790)	20.26	20.57	20.59
		709 (23780)	20.32	20.66	20.52
	1RB-Low (0)	711 (23800)	20.32	20.61	20.59
		710 (23790)	20.31	20.66	20.62
		709 (23780)	20.48	20.73	20.52
	25RB-High (25)	711 (23800)	20.28	20.46	20.38
		710 (23790)	20.43	20.38	20.45
		709 (23780)	20.36	20.33	20.39

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	25RB-Middle (12)	711 (23800)	20.33	20.35	20.42
		710 (23790)	20.39	20.36	20.40
		709 (23780)	20.43	20.38	20.47
	25RB-Low (0)	711 (23800)	20.31	20.39	20.41
		710 (23790)	20.39	20.34	20.44
		709 (23780)	20.35	20.27	20.40
	50RB (0)	711 (23800)	20.37	20.32	20.41
		710 (23790)	20.44	20.35	20.39
		709 (23780)	20.41	20.34	20.23

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Band 17					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	713.5	20.32	20.67	20.48
		710 (23790)	20.41	20.62	20.48
		706.5	20.51	20.67	20.71
	1RB-Middle (12)	713.5	20.38	20.69	20.47
		710 (23790)	20.42	20.87	20.61
		706.5	20.40	20.69	20.63
	1RB-Low (0)	713.5	20.46	20.76	20.61
		710 (23790)	20.33	20.82	20.53
		706.5	20.43	20.79	20.59
	12RB-High (13)	713.5	20.48	20.48	20.39
		710 (23790)	20.50	20.48	20.51
		706.5	20.46	20.53	20.51
	12RB-Middle (6)	713.5	20.49	20.53	20.47
		710 (23790)	20.58	20.48	20.48
		706.5	20.53	20.55	20.47
	12RB-Low (0)	713.5	20.52	20.54	20.55
		710 (23790)	20.51	20.45	20.45
		706.5	20.48	20.60	20.51
	25RB (0)	713.5	20.55	20.46	20.45
		710 (23790)	20.51	20.45	20.39
		706.5	20.52	20.44	20.52
10MHz	1RB-High	711 (23800)	20.31	20.70	20.52
		710 (23790)	20.39	20.85	20.61
		709 (23780)	20.33	20.89	20.35
	1RB-Middle (24)	711 (23800)	20.45	20.53	20.54
		710 (23790)	20.41	20.85	20.77
		709 (23780)	20.46	20.73	20.74
	1RB-Low (0)	711 (23800)	20.44	20.64	20.65
		710 (23790)	20.46	20.84	20.77
		709 (23780)	20.56	20.86	20.65

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	25RB-High (25)	711 (23800)	20.44	20.55	20.54
		710 (23790)	20.57	20.47	20.57
		709 (23780)	20.43	20.47	20.45
	25RB-Middle (12)	711 (23800)	20.45	20.54	20.51
		710 (23790)	20.52	20.56	20.51
		709 (23780)	20.61	20.52	20.51
	25RB-Low (0)	711 (23800)	20.52	20.45	20.46
		710 (23790)	20.50	20.50	20.49
		709 (23780)	20.52	20.42	20.55
	50RB (0)	711 (23800)	20.53	20.47	20.53
		710 (23790)	20.53	20.50	20.43
		709 (23780)	20.48	20.44	20.39

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Band 26					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	848.3	20.34	20.64	20.50
		831.5	20.67	20.96	20.85
		814.7	20.67	20.84	20.75
	1RB-Middle (3)	848.3	20.64	20.59	20.64
		831.5	20.90	20.88	20.61
		814.7	20.80	20.99	20.99
	1RB-Low (0)	848.3	20.43	20.77	20.53
		831.5	20.73	21.00	20.84
		814.7	20.69	20.93	20.92
	3RB-High (3)	848.3	20.44	20.49	20.45
		831.5	20.68	20.66	20.68
		814.7	20.65	20.75	20.67
	3RB-Middle (1)	848.3	20.42	20.44	20.18
		831.5	20.74	20.66	20.73
		814.7	20.67	20.79	20.74
	3RB-Low (0)	848.3	20.40	20.43	20.52
		831.5	20.71	20.72	20.72
		814.7	20.74	20.85	20.69
	6RB (0)	848.3	20.44	20.46	20.38
		831.5	20.79	19.76	20.66
		814.7	20.67	20.74	20.69
3MHz	1RB-High (14)	847.5	20.36	20.80	20.64
		831.5	20.56	21.02	21.02
		815.5	20.65	21.05	21.08
	1RB-Middle (7)	847.5	20.35	20.68	20.32
		831.5	20.58	21.03	20.83

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		815.5	20.64	21.11	20.83
	1RB-Low (0)	847.5	20.67	20.99	20.76
		831.5	20.79	21.01	20.90
		815.5	20.76	21.14	20.86
	8RB-High (7)	847.5	20.49	20.44	20.64
		831.5	20.69	20.75	20.87
		815.5	20.82	20.79	20.80
	8RB-Middle (4)	847.5	20.47	20.54	20.55
		831.5	20.68	20.76	20.70
		815.5	20.79	20.79	20.83
	8RB-Low (0)	847.5	20.47	20.55	20.69
		831.5	20.69	20.80	20.83
		815.5	20.77	20.76	20.85
	15RB (0)	847.5	20.51	20.51	20.50
		831.5	20.62	20.65	20.69
		815.5	20.73	20.78	20.58
5MHz	1RB-High (24)	846.5	20.48	20.64	20.49
		831.5	20.75	20.80	20.86
		816.5	20.58	20.81	20.80
	1RB-Middle (12)	846.5	20.47	20.78	20.32
		831.5	20.58	21.00	20.66
		816.5	20.65	20.86	20.41
	1RB-Low (0)	846.5	20.68	20.85	20.67
		831.5	20.74	21.12	20.93
		816.5	20.73	21.02	20.96
	12RB-High (13)	846.5	20.56	20.51	20.39
		831.5	20.74	20.76	20.73
		816.5	20.67	20.78	20.59
	12RB-Middle (6)	846.5	20.71	20.64	20.41
		831.5	20.75	20.81	20.75
		816.5	20.83	20.76	20.83
	12RB-Low (0)	846.5	20.66	20.62	20.59
		831.5	20.64	20.76	20.63
		816.5	20.82	20.86	20.73
	25RB (0)	846.5	20.55	20.50	20.49
		831.5	20.79	20.72	20.62
		816.5	20.81	20.74	20.82
10MHz	1RB-High (49)	844 (26990)	20.39	20.58	20.43
		831.5	20.57	20.83	20.62
		820 (26750)	20.65	20.85	20.77
	1RB-Middle (24)	844 (26990)	20.50	20.63	20.67
		831.5	20.62	20.77	20.81
		820 (26750)	20.71	20.86	20.92
	1RB-Low (0)	844 (26990)	20.59	20.92	20.66
		831.5	20.68	21.06	20.80
		820 (26750)	20.77	20.87	20.83
	25RB-High (25)	844 (26990)	20.41	20.48	20.35
		831.5	20.72	20.67	20.67

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		820 (26750)	20.68	20.60	20.70
	25RB-Middle (12)	844 (26990)	20.58	20.63	20.61
		831.5	20.68	20.75	20.73
		820 (26750)	20.78	20.85	20.82
	25RB-Low (0)	844 (26990)	20.69	20.69	20.69
		831.5	20.74	20.80	20.78
		820 (26750)	20.74	20.80	20.76
	50RB (0)	844 (26990)	20.50	20.63	20.61
		831.5	20.69	20.64	20.62
		820 (26750)	20.83	20.78	20.75
15MHz	1RB-High (74)	841.5	20.28	20.30	20.44
		831.5	20.45	20.59	20.57
		822.5	20.59	20.74	20.79
	1RB-Middle (37)	841.5	20.58	20.65	20.49
		831.5	20.58	20.81	20.70
		822.5	20.60	20.80	20.78
	1RB-Low (0)	841.5	20.64	20.69	20.79
		831.5	20.63	20.96	20.76
		822.5	20.75	20.86	20.89
	36RB-High (38)	841.5	20.50	20.62	20.57
		831.5	20.69	20.74	20.71
		822.5	20.67	20.81	20.76
	36RB-Middle (19)	841.5	20.67	20.61	20.67
		831.5	20.63	20.68	20.72
		822.5	20.80	20.82	20.84
	36RB-Low (0)	841.5	20.78	20.74	20.71
		831.5	20.79	20.83	20.76
		822.5	20.85	20.80	20.85
	75RB (0)	841.5	20.68	20.63	20.65
		831.5	20.74	20.67	20.61
		822.5	20.85	20.88	20.80

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Band 26					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	848.3	20.26	20.57	20.31
		831.5	20.56	20.66	20.72
		814.7	20.51	20.91	20.71
	1RB-Middle (3)	848.3	20.53	20.59	20.44
		831.5	20.80	20.79	20.85
		814.7	20.72	20.91	20.80
	1RB-Low (0)	848.3	20.32	20.65	20.52
		831.5	20.57	20.75	20.84
		814.7	20.55	20.82	20.73

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	3RB-High (3)	848.3	20.24	20.15	20.21
		831.5	20.56	20.50	20.53
		814.7	20.53	20.60	20.66
	3RB-Middle (1)	848.3	20.28	19.85	20.29
		831.5	20.58	20.18	20.44
		814.7	20.53	20.64	20.59
	3RB-Low (0)	848.3	20.29	20.18	20.21
		831.5	20.54	20.61	20.60
		814.7	20.53	20.63	20.61
	6RB (0)	848.3	20.25	20.27	20.22
		831.5	20.54	19.83	20.56
		814.7	20.60	20.68	20.62
3MHz	1RB-High (14)	847.5	20.06	20.51	20.42
		831.5	20.47	20.91	20.93
		815.5	20.42	21.06	20.77
	1RB-Middle (7)	847.5	20.13	20.72	20.76
		831.5	20.45	20.93	20.35
		815.5	20.59	21.03	20.90
	1RB-Low (0)	847.5	20.28	20.66	20.48
		831.5	20.53	20.91	20.77
		815.5	20.67	20.93	20.77
	8RB-High (7)	847.5	20.33	20.42	20.32
		831.5	20.50	20.71	20.75
		815.5	20.62	20.67	20.70
	8RB-Middle (4)	847.5	20.41	20.51	20.32
		831.5	20.53	20.63	20.54
		815.5	20.69	20.70	20.73
	8RB-Low (0)	847.5	20.33	20.51	20.47
		831.5	20.53	20.65	20.62
		815.5	20.65	20.66	20.71
	15RB (0)	847.5	20.36	20.44	20.35
		831.5	20.49	20.52	20.54
		815.5	20.63	20.63	20.64
5MHz	1RB-High (24)	846.5	20.26	20.47	20.54
		831.5	20.42	20.76	21.09
		816.5	20.45	20.82	20.80
	1RB-Middle (12)	846.5	20.17	20.82	20.57
		831.5	20.46	21.16	20.38
		816.5	20.48	20.99	20.69
	1RB-Low (0)	846.5	20.34	20.57	20.74
		831.5	20.52	20.78	20.76
		816.5	20.67	21.01	20.74
	12RB-High (13)	846.5	20.20	20.34	20.28
		831.5	20.57	20.55	20.62
		816.5	20.63	20.61	20.61
	12RB-Middle (6)	846.5	20.38	20.44	20.40
		831.5	20.56	20.64	20.61
		816.5	20.66	20.74	20.72

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	12RB-Low (0)	846.5	20.37	20.35	20.32
		831.5	20.49	20.45	20.57
		816.5	20.62	20.74	20.65
	25RB (0)	846.5	20.33	20.37	20.28
		831.5	20.56	20.45	20.56
		816.5	20.67	20.69	20.64
10MHz	1RB-High (49)	844 (26990)	20.21	20.55	20.43
		831.5	20.40	20.81	20.38
		820 (26750)	20.50	20.79	20.43
	1RB-Middle (24)	844 (26990)	20.45	20.47	20.51
		831.5	20.53	20.74	20.75
		820 (26750)	20.52	20.92	20.68
	1RB-Low (0)	844 (26990)	20.45	20.59	20.55
		831.5	20.68	20.93	20.69
		820 (26750)	20.67	20.94	20.77
	25RB-High (25)	844 (26990)	20.34	20.26	20.31
		831.5	20.47	20.40	20.55
		820 (26750)	20.54	20.56	20.64
	25RB-Middle (12)	844 (26990)	20.50	20.48	20.35
		831.5	20.56	20.61	20.58
		820 (26750)	20.70	20.75	20.64
	25RB-Low (0)	844 (26990)	20.46	20.45	20.53
		831.5	20.58	20.51	20.64
		820 (26750)	20.57	20.71	20.69
	50RB (0)	844 (26990)	20.40	20.47	20.33
		831.5	20.45	20.50	20.58
		820 (26750)	20.61	20.64	20.62
15MHz	1RB-High (74)	841.5	20.29	20.31	20.17
		831.5	20.21	20.49	20.46
		822.5	20.28	20.61	20.60
	1RB-Middle (37)	841.5	20.16	20.37	20.41
		831.5	20.31	20.59	20.50
		822.5	20.43	20.70	20.43
	1RB-Low (0)	841.5	20.31	20.61	20.56
		831.5	20.46	20.68	20.73
		822.5	20.45	20.60	20.63
	36RB-High (38)	841.5	20.23	20.18	20.30
		831.5	20.38	20.37	20.40
		822.5	20.39	20.40	20.44
	36RB-Middle (19)	841.5	20.36	20.32	20.42
		831.5	20.42	20.40	20.41
		822.5	20.48	20.45	20.47
	36RB-Low (0)	841.5	20.36	20.40	20.41
		831.5	20.52	20.45	20.53
		822.5	20.48	20.49	20.51
	75RB (0)	841.5	20.42	20.30	20.27
		831.5	20.42	20.36	20.36
		822.5	20.52	20.51	20.46

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Band 38					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2617.5	20.11	20.27	19.93
		2595	20.17	20.31	19.99
		2572.5	20.19	20.31	19.93
	1RB-Middle (12)	2617.5	20.41	20.26	20.02
		2595	20.36	20.32	20.10
		2572.5	20.13	20.26	20.00
	1RB-Low (0)	2617.5	20.18	20.30	19.97
		2595	20.23	20.34	19.90
		2572.5	20.20	20.28	19.92
	12RB-High (13)	2617.5	20.20	20.12	20.19
		2595	20.23	20.16	20.31
		2572.5	20.17	20.12	20.27
	12RB-Middle (6)	2617.5	20.18	20.17	20.19
		2595	20.19	20.12	20.32
		2572.5	20.19	20.16	20.30
	12RB-Low (0)	2617.5	20.22	20.17	20.22
		2595	20.16	20.08	20.28
		2572.5	20.22	20.20	20.28
	25RB (0)	2617.5	20.20	20.23	20.18
		2595	20.13	20.21	20.27
		2572.5	20.20	20.19	20.34
10MHz	1RB-High (49)	2615	20.07	20.24	20.04
		2595	20.07	20.25	20.03
		2575	20.08	20.19	20.00
	1RB-Middle (24)	2615	20.20	20.24	19.97
		2595	20.15	20.29	19.96
		2575	20.09	20.23	20.06
	1RB-Low (0)	2615	20.11	20.34	20.11
		2595	20.20	20.34	20.11
		2575	20.09	20.31	20.09
	25RB-High (25)	2615	20.20	20.23	20.15
		2595	20.20	20.26	20.18
		2575	20.19	20.28	20.18
	25RB-Middle (12)	2615	20.18	20.22	20.16
		2595	20.17	20.26	20.17
		2575	20.28	20.32	20.25
	25RB-Low (0)	2615	20.15	20.20	20.11
		2595	20.20	20.20	20.17
		2575	20.22	20.26	20.24
	50RB (0)	2615	20.13	20.18	20.13
		2595	20.19	20.21	20.16

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		2575	20.24	20.27	20.21
15MHz	1RB-High (74)	2612.5	20.09	20.15	19.73
		2595	20.05	20.18	19.76
		2577.5	20.07	20.21	19.81
	1RB-Middle (37)	2612.5	20.10	20.17	19.76
		2595	20.14	20.20	19.82
		2577.5	20.04	20.22	19.75
	1RB-Low (0)	2612.5	20.17	20.25	19.80
		2595	20.15	20.29	19.78
		2577.5	20.10	20.26	19.76
	36RB-High (38)	2612.5	20.11	20.10	20.10
		2595	20.16	20.08	20.13
		2577.5	20.10	20.11	20.13
	36RB-Middle (19)	2612.5	20.10	20.09	20.12
		2595	20.13	20.09	20.10
		2577.5	20.15	20.14	20.21
	36RB-Low (0)	2612.5	20.16	20.06	20.10
		2595	20.10	20.09	20.13
		2577.5	20.02	20.09	20.09
	75RB (0)	2612.5	20.13	20.08	20.12
		2595	20.13	20.12	20.16
		2577.5	20.11	20.13	20.22
20MHz	1RB-High (99)	2610	19.97	19.88	19.65
		2595	19.96	19.98	19.68
		2580	20.01	19.99	19.71
	1RB-Middle (50)	2610	20.04	19.98	19.74
		2595	19.98	20.01	19.79
		2580	20.03	20.02	19.77
	1RB-Low (0)	2610	20.05	20.09	19.76
		2595	20.13	20.13	19.82
		2580	20.10	20.09	19.80
	50RB-High (50)	2610	19.95	19.99	20.04
		2595	19.99	20.03	20.06
		2580	20.04	20.07	20.07
	50RB-Middle (25)	2610	19.96	19.99	20.04
		2595	20.07	20.04	20.05
		2580	20.00	20.08	20.16
	50RB-Low (0)	2610	19.95	20.02	20.03
		2595	20.03	20.02	20.05
		2580	20.02	20.05	20.04
	100RB (0)	2610	19.94	19.99	19.96
		2595	19.98	20.01	20.03
		2580	20.09	20.09	20.10

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Band 38			
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)

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	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2617.5	14.61	14.77	14.51
		2595	14.59	14.72	14.29
		2572.5	14.64	14.79	14.33
	1RB-Middle (12)	2617.5	14.72	14.73	14.50
		2595	14.57	14.65	14.32
		2572.5	14.89	14.74	14.39
	1RB-Low (0)	2617.5	14.66	14.77	14.49
		2595	14.62	14.72	14.28
		2572.5	14.66	14.79	14.37
	12RB-High (13)	2617.5	14.68	14.69	14.68
		2595	14.64	14.60	14.66
		2572.5	14.70	14.66	14.72
	12RB-Middle (6)	2617.5	14.75	14.66	14.75
		2595	14.55	14.52	14.60
		2572.5	14.73	14.67	14.76
	12RB-Low (0)	2617.5	14.70	14.63	14.64
		2595	14.58	14.57	14.57
		2572.5	14.69	14.71	14.73
	25RB (0)	2617.5	14.67	14.67	14.65
		2595	14.55	14.59	14.67
		2572.5	14.65	14.69	14.75
10MHz	1RB-High (49)	2615	14.56	14.68	14.41
		2595	14.54	14.69	14.46
		2575	14.52	14.66	14.43
	1RB-Middle (24)	2615	14.61	14.70	14.47
		2595	14.65	14.62	14.43
		2575	14.60	14.71	14.51
	1RB-Low (0)	2615	14.61	14.78	14.50
		2595	14.61	14.79	14.43
		2575	14.65	14.84	14.57
	25RB-High (25)	2615	14.67	14.69	14.63
		2595	14.63	14.61	14.56
		2575	14.65	14.62	14.57
	25RB-Middle (12)	2615	14.60	14.66	14.60
		2595	14.68	14.62	14.61
		2575	14.73	14.73	14.74
	25RB-Low (0)	2615	14.63	14.68	14.63
		2595	14.60	14.66	14.61
		2575	14.75	14.73	14.63
	50RB (0)	2615	14.63	14.65	14.59
		2595	14.59	14.60	14.56
		2575	14.70	14.73	14.64
15MHz	1RB-High (74)	2612.5	14.48	14.61	14.32
		2595	14.45	14.60	14.25
		2577.5	14.38	14.61	14.21
	1RB-Middle	2612.5	14.48	14.64	14.33

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	(37)	2595	14.49	14.63	14.28
		2577.5	14.49	14.65	14.35
	1RB-Low (0)	2612.5	14.51	14.66	14.36
		2595	14.53	14.66	14.36
		2577.5	14.59	14.72	14.39
	36RB-High (38)	2612.5	14.51	14.53	14.57
		2595	14.51	14.49	14.54
		2577.5	14.54	14.52	14.54
	36RB-Middle (19)	2612.5	14.52	14.51	14.56
		2595	14.50	14.50	14.53
		2577.5	14.57	14.59	14.60
	36RB-Low (0)	2612.5	14.44	14.47	14.53
		2595	14.48	14.46	14.48
		2577.5	14.55	14.48	14.55
	75RB (0)	2612.5	14.48	14.51	14.49
		2595	14.48	14.53	14.52
		2577.5	14.57	14.62	14.61
20MHz	1RB-High (99)	2610	14.50	14.50	14.22
		2595	14.48	14.46	14.18
		2580	14.53	14.48	14.12
	1RB-Middle (50)	2610	14.54	14.52	14.20
		2595	14.55	14.51	14.21
		2580	14.55	14.50	14.23
	1RB-Low (0)	2610	14.63	14.55	14.26
		2595	14.59	14.58	14.31
		2580		14.65	14.23
	50RB-High (50)	2610	14.57	14.56	14.56
		2595	14.46	14.52	14.55
		2580	14.53	14.54	14.55
	50RB-Middle (25)	2610	14.49	14.52	14.52
		2595	14.51	14.53	14.55
		2580	14.60	14.62	14.64
	50RB-Low (0)	2610	14.50	14.54	14.54
		2595	14.51	14.50	14.54
		2580	14.50	14.60	14.57
	100RB (0)	2610	14.51	14.51	14.52
		2595	14.46	14.54	14.48
		2580	14.55	14.64	14.61

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Band 41					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
5MHz	1RB-High	2687.5 (41565)	20.00	20.13	19.73
		2640.3(41093)	19.92	20.09	19.65
		2593 (40620)	19.96	19.99	19.73

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	(24)	2545.8(40148)	19.88	20.04	19.68
		2498.5 (39675)	20.05	20.15	19.80
	1RB-Middle (12)	2687.5 (41565)	20.19	20.14	19.91
		2640.3(41093)	19.93	20.09	19.63
		2593 (40620)	20.05	20.12	19.87
		2545.8(40148)	19.84	20.00	19.78
		2498.5 (39675)	20.08	20.13	19.85
	1RB-Low (0)	2687.5 (41565)	20.03	20.17	19.83
		2640.3(41093)	19.98	20.04	19.70
		2593 (40620)	19.94	20.12	19.68
		2545.8(40148)	19.83	19.99	19.59
		2498.5 (39675)	20.04	20.19	19.65
	12RB-High (13)	2687.5 (41565)	20.12	20.01	20.12
		2640.3(41093)	20.03	20.04	20.11
		2593 (40620)	20.06	20.06	20.15
		2545.8(40148)	19.94	19.85	20.01
		2498.5 (39675)	20.10	19.99	20.11
	12RB-Middle (6)	2687.5 (41565)	20.09	20.08	20.16
		2640.3(41093)	20.03	20.00	20.14
		2593 (40620)	20.07	20.02	20.17
		2545.8(40148)	19.86	19.84	19.97
		2498.5 (39675)	20.12	20.09	20.14
	12RB-Low (0)	2687.5 (41565)	20.10	20.04	20.14
		2640.3(41093)	20.06	19.99	20.07
		2593 (40620)	20.07	20.05	20.16
		2545.8(40148)	19.84	19.77	19.95
		2498.5 (39675)	20.08	20.05	20.15
	25RB (0)	2687.5 (41565)	20.09	20.05	20.10
		2640.3(41093)	20.00	20.00	20.13
		2593 (40620)	20.05	20.08	20.18
		2545.8(40148)	19.86	19.91	19.91
		2498.5 (39675)	20.11	20.09	20.10
10MHz	1RB-High (49)	2685 (41540)	19.78	19.92	19.58
		2639(41080)	19.71	19.85	19.55
		2593 (40620)	19.70	19.88	19.53
		2547(40160)	19.88	19.99	19.84
		2501 (39700)	19.99	20.11	19.79
	1RB-Middle (24)	2685 (41540)	19.98	20.20	19.88
		2639(41080)	19.94	20.07	19.81
		2593 (40620)	19.92	20.13	19.86
		2547(40160)	19.92	20.02	19.71
		2501 (39700)	20.00	20.14	19.90
	1RB-Low (0)	2685 (41540)	19.82	19.94	19.66
		2639(41080)	19.72	19.88	19.55
		2593 (40620)	19.76	19.96	19.64
		2547(40160)	19.92	20.07	19.79
		2501 (39700)	19.99	20.19	19.90
	25RB-High	2685 (41540)	20.05	20.06	20.00

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	(25)	2639(41080)	20.00	19.98	19.91
		2593 (40620)	19.99	19.99	19.95
		2547(40160)	19.99	20.00	19.93
		2501 (39700)	20.07	20.08	19.99
	25RB-Middle (12)	2685 (41540)	20.19	20.20	20.09
		2639(41080)	20.11	20.10	20.00
		2593 (40620)	20.10	20.18	20.05
		2547(40160)	19.94	19.95	19.83
		2501 (39700)	20.10	20.14	20.03
	25RB-Low (0)	2685 (41540)	20.00	20.05	19.93
		2639(41080)	20.04	20.05	19.93
		2593 (40620)	19.91	20.01	19.91
		2547(40160)	19.90	19.97	19.81
		2501 (39700)	20.09	20.13	20.04
	50RB (0)	2685 (41540)	20.01	20.03	19.93
		2639(41080)	19.99	20.03	19.91
		2593 (40620)	20.03	20.09	19.99
		2547(40160)	19.90	19.95	19.86
		2501 (39700)	20.09	20.11	20.02
15MHz	1RB-High (74)	2682.5 (41515)	19.98	20.06	19.65
		2637.8(41068)	19.69	19.79	19.34
		2593 (40620)	19.74	19.88	19.48
		2548.3(40173)	19.85	19.97	19.48
		2503.5 (39725)	19.85	19.90	19.47
	1RB-Middle (37)	2682.5 (41515)	20.01	20.09	19.67
		2637.8(41068)	19.94	20.04	19.61
		2593 (40620)	19.93	20.03	19.62
		2548.3(40173)	19.78	19.83	19.40
		2503.5 (39725)	19.90	19.97	19.52
	1RB-Low (0)	2682.5 (41515)	19.78	19.90	19.39
		2637.8(41068)	19.79	19.94	19.42
		2593 (40620)	19.77	19.86	19.39
		2548.3(40173)	19.84	19.98	19.46
		2503.5 (39725)	19.90	20.02	19.54
	36RB-High (38)	2682.5 (41515)	20.08	20.04	20.05
		2637.8(41068)	19.89	19.90	19.89
		2593 (40620)	19.99	19.99	19.98
		2548.3(40173)	19.88	19.81	19.89
		2503.5 (39725)	19.98	19.88	19.92
	36RB-Middle (19)	2682.5 (41515)	20.03	19.99	20.03
		2637.8(41068)	20.02	19.99	19.97
		2593 (40620)	20.03	19.96	20.06
		2548.3(40173)	19.92	19.83	19.93
		2503.5 (39725)	20.00	19.97	19.97
	36RB-Low (0)	2682.5 (41515)	19.95	19.87	19.91
		2637.8(41068)	19.91	19.94	19.96
		2593 (40620)	19.85	19.83	19.87
		2548.3(40173)	19.86	19.82	19.82

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		2503.5 (39725)	19.90	19.87	19.93
	75RB (0)	2682.5 (41515)	20.00	19.97	20.01
		2637.8(41068)	19.95	19.96	19.99
		2593 (40620)	19.97	19.98	20.02
		2548.3(40173)	19.83	19.84	19.86
		2503.5 (39725)	20.01	19.99	19.99
20MHz	1RB-High (99)	2680 (41490)	19.76	19.80	19.37
		2636.5(41055)	19.36	19.49	18.99
		2593 (40620)	19.47	19.55	19.15
		2549.5(40185)	19.74	19.75	19.34
		2506 (39750)	19.66	19.74	19.28
	1RB-Middle (50)	2680 (41490)	19.87	19.94	19.38
		2636.5(41055)	19.78	19.88	19.41
		2593 (40620)	19.79	19.88	19.46
		2549.5(40185)	19.68	19.79	19.34
		2506 (39750)	19.69	19.72	19.29
	1RB-Low (0)	2680 (41490)	19.50	19.57	19.10
		2636.5(41055)	19.54	19.62	19.17
		2593 (40620)	19.52	19.57	19.10
		2549.5(40185)	19.70	19.78	19.27
		2506 (39750)	19.72	19.86	19.33
	50RB-High (50)	2680 (41490)	19.88	19.88	19.89
		2636.5(41055)	19.65	19.68	19.70
		2593 (40620)	19.75	19.78	19.79
		2549.5(40185)	19.84	19.85	19.82
		2506 (39750)	19.77	19.78	19.75
	50RB-Middle (25)	2680 (41490)	19.89	19.95	19.92
		2636.5(41055)	19.85	19.88	19.87
		2593 (40620)	19.86	19.89	19.92
		2549.5(40185)	19.79	19.81	19.83
		2506 (39750)	19.81	19.83	19.83
	50RB-Low (0)	2680 (41490)	19.70	19.70	19.68
		2636.5(41055)	19.79	19.82	19.81
		2593 (40620)	19.68	19.69	19.73
		2549.5(40185)	19.75	19.74	19.74
		2506 (39750)	19.73	19.75	19.75
	100RB (0)	2680 (41490)	19.81	19.84	19.86
		2636.5(41055)	19.75	19.81	19.81
		2593 (40620)	19.78	19.76	19.81
		2549.5(40185)	19.75	19.76	19.79
		2506 (39750)	19.83	19.85	19.87

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Band 41					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM

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5MHz	1RB-High (24)	2687.5 (41565)	14.27	14.37	13.87
		2640.3(41093)	14.48	14.60	14.22
		2593 (40620)	14.48	14.61	14.19
		2545.8(40148)	14.64	14.85	14.39
		2498.5 (39675)	14.60	14.75	14.34
	1RB-Middle (12)	2687.5 (41565)	14.24	14.35	14.03
		2640.3(41093)	14.54	14.64	14.27
		2593 (40620)	14.48	14.61	14.28
		2545.8(40148)	14.90	14.82	14.54
		2498.5 (39675)	14.53	14.72	14.39
	1RB-Low (0)	2687.5 (41565)	14.24	14.36	14.01
		2640.3(41093)	14.52	14.64	14.26
		2593 (40620)	14.51	14.59	14.20
		2545.8(40148)	14.64	14.80	14.27
		2498.5 (39675)	14.58	14.77	14.30
	12RB-High (13)	2687.5 (41565)	14.29	14.28	14.38
		2640.3(41093)	14.59	14.53	14.62
		2593 (40620)	14.58	14.54	14.63
		2545.8(40148)	14.75	14.70	14.81
		2498.5 (39675)	14.68	14.64	14.77
	12RB-Middle (6)	2687.5 (41565)	14.36	14.30	14.42
		2640.3(41093)	14.66	14.58	14.67
		2593 (40620)	14.63	14.55	14.69
		2545.8(40148)	14.72	14.64	14.77
		2498.5 (39675)	14.72	14.70	14.75
	12RB-Low (0)	2687.5 (41565)	14.34	14.28	14.37
		2640.3(41093)	14.60	14.53	14.62
		2593 (40620)	14.60	14.55	14.64
		2545.8(40148)	14.69	14.63	14.71
		2498.5 (39675)	14.67	14.68	14.74
	25RB (0)	2687.5 (41565)	14.33	14.30	14.34
		2640.3(41093)	14.57	14.62	14.66
		2593 (40620)	14.58	14.59	14.66
		2545.8(40148)	14.63	14.70	14.73
		2498.5 (39675)	14.66	14.70	14.72
10MHz	1RB-High (49)	2685 (41540)	13.93	14.08	13.83
		2639(41080)	14.33	14.36	14.03
		2593 (40620)	14.21	14.30	13.95
		2547(40160)	14.60	14.78	14.37
		2501 (39700)	14.55	14.68	14.33
	1RB-Middle (24)	2685 (41540)	14.31	14.33	14.03
		2639(41080)	14.54	14.61	14.23
		2593 (40620)	14.51	14.57	14.22
		2547(40160)	14.65	14.81	14.39
		2501 (39700)	14.56	14.67	14.30
	1RB-Low (0)	2685 (41540)	13.99	14.13	14.35
		2639(41080)	14.25	14.40	13.99
		2593 (40620)	14.25	14.38	13.93

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		2547(40160)	14.68	14.85	14.41
		2501 (39700)	14.54	14.76	14.31
	25RB-High (25)	2685 (41540)	14.22	14.23	14.16
		2639(41080)	14.51	14.49	14.58
		2593 (40620)	14.46	14.46	14.53
		2547(40160)	14.73	14.72	14.82
		2501 (39700)	14.66	14.68	14.72
	25RB-Middle (12)	2685 (41540)	14.36	14.35	14.48
		2639(41080)	14.62	14.65	14.73
		2593 (40620)	14.62	14.61	14.73
		2547(40160)	14.69	14.71	14.78
		2501 (39700)	14.72	14.69	14.75
	25RB-Low (0)	2685 (41540)	14.19	14.24	14.29
		2639(41080)	14.53	14.60	14.61
		2593 (40620)	14.44	14.48	14.54
		2547(40160)	14.62	14.69	14.79
		2501 (39700)	14.70	14.66	14.77
	50RB (0)	2685 (41540)	14.18	14.16	14.18
		2639(41080)	14.51	14.54	14.57
		2593 (40620)	14.48	14.58	14.57
		2547(40160)	14.69	14.72	14.74
		2501 (39700)	14.65	14.69	14.71
15MHz	1RB-High (74)	2682.5 (41515)	14.09	14.22	13.73
		2637.8(41068)	14.17	14.25	13.84
		2593 (40620)	14.22	14.37	13.93
		2548.3(40173)	14.48	14.65	14.23
		2503.5 (39725)	14.33	14.52	14.09
	1RB-Middle (37)	2682.5 (41515)	14.17	14.25	13.78
		2637.8(41068)	14.43	14.54	14.04
		2593 (40620)	14.36	14.51	14.06
		2548.3(40173)	14.44	14.63	14.17
		2503.5 (39725)	14.33	14.50	14.06
	1RB-Low (0)	2682.5 (41515)	13.92	14.04	13.55
		2637.8(41068)	14.34	14.44	13.98
		2593 (40620)	14.22	14.33	13.88
		2548.3(40173)	14.56	14.72	14.23
		2503.5 (39725)	14.35	14.53	14.04
	36RB-High (38)	2682.5 (41515)	14.26	14.16	14.20
		2637.8(41068)	14.42	14.36	14.38
		2593 (40620)	14.45	14.41	14.44
		2548.3(40173)	14.61	14.58	14.58
		2503.5 (39725)	14.49	14.53	14.49
	36RB-Middle (19)	2682.5 (41515)	14.14	14.10	14.15
		2637.8(41068)	14.49	14.39	14.49
		2593 (40620)	14.44	14.44	14.47
		2548.3(40173)	14.58	14.57	14.65
		2503.5 (39725)	14.50	14.48	14.50
	36RB-Low	2682.5 (41515)	14.05	14.03	14.06

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	(0)	2637.8(41068)	14.48	14.44	14.46
		2593 (40620)	14.29	14.26	14.34
		2548.3(40173)	14.55	14.54	14.59
		2503.5 (39725)	14.44	14.42	14.44
	75RB (0)	2682.5 (41515)	14.11	14.10	14.11
		2637.8(41068)	14.47	14.46	14.49
		2593 (40620)	14.41	14.43	14.43
		2548.3(40173)	14.54	14.59	14.58
		2503.5 (39725)	14.54	14.56	14.57
20MHz	1RB-High (99)	2680 (41490)	14.13	14.06	13.68
		2636.5(41055)	14.08	13.99	13.70
		2593 (40620)	14.15	14.16	13.89
		2549.5(40185)	14.47	14.51	14.25
		2506 (39750)	14.55	14.57	14.27
	1RB-Middle (50)	2680 (41490)	14.29	14.20	13.87
		2636.5(41055)	14.54	14.46	14.13
		2593 (40620)	14.47	14.48	14.17
		2549.5(40185)	14.59	14.58	14.31
		2506 (39750)	14.52	14.51	14.22
	1RB-Low (0)	2680 (41490)	13.97	13.88	13.64
		2636.5(41055)	14.33	14.28	13.96
		2593 (40620)	14.16	14.17	13.86
		2549.5(40185)	14.65	14.59	14.36
		2506 (39750)	14.55	14.56	14.18
	50RB-High (50)	2680 (41490)	14.26	14.26	14.30
		2636.5(41055)	14.40	14.40	14.38
		2593 (40620)	14.40	14.45	14.54
		2549.5(40185)	14.64	14.68	14.70
		2506 (39750)	14.60	14.67	14.75
	50RB-Middle (25)	2680 (41490)	14.31	14.32	14.35
		2636.5(41055)	14.58	14.54	14.57
		2593 (40620)	14.50	14.53	14.56
		2549.5(40185)	14.67	14.73	14.76
		2506 (39750)	14.63	14.70	14.69
	50RB-Low (0)	2680 (41490)	14.13	14.10	14.11
		2636.5(41055)	14.55	14.52	14.50
		2593 (40620)	14.33	14.35	14.41
		2549.5(40185)	14.66	14.71	14.74
		2506 (39750)	14.58	14.64	14.73
	100RB (0)	2680 (41490)	14.27	14.28	14.25
		2636.5(41055)	14.48	14.51	14.48
		2593 (40620)	14.43	14.48	14.48
		2549.5(40185)	14.58	14.69	14.66
		2506 (39750)	14.64	14.70	14.69

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LTE B66 ANT1

Band 66					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
1.4MHz	1RB-High	1779.3	19.65	20.05	20.13
		1745	19.87	20.08	20.26
		1710.7	19.83	20.16	20.08
	1RB-Middle (3)	1779.3	19.85	20.09	20.01
		1745	20.13	20.23	20.01
		1710.7	20.23	20.21	20.21
	1RB-Low (0)	1779.3	19.73	20.19	19.93
		1745	19.86	20.14	20.26
		1710.7	19.82	20.15	20.11
	3RB-High (3)	1779.3	19.82	19.91	19.88
		1745	19.79	19.85	19.97
		1710.7	19.85	19.94	19.97
	3RB-Middle (1)	1779.3	19.90	19.80	19.98
		1745	19.92	19.50	19.93
		1710.7	19.85	19.95	19.85
	3RB-Low (0)	1779.3	19.82	19.85	19.81
		1745	19.88	20.00	19.96
		1710.7	19.76	19.88	19.99
	6RB (0)	1779.3	19.70	19.91	19.88
		1745	19.95	19.92	19.96
		1710.7	19.86	19.94	19.93
3MHz	1RB-High (14)	1778.5	20.04	20.27	20.10
		1745	19.99	20.27	20.15
		1711.5	20.02	20.02	20.15
	1RB-Middle (7)	1778.5	19.77	20.31	20.21
		1745	19.73	20.03	19.93
		1711.5	19.66	20.47	20.15
	1RB-Low (0)	1778.5	20.10	20.19	20.18
		1745	19.87	20.18	20.11
		1711.5	20.09	20.21	20.14
	8RB-High (7)	1778.5	19.92	19.99	20.05
		1745	19.90	19.98	20.08
		1711.5	19.91	19.94	19.98
	8RB-Middle (4)	1778.5	20.05	20.12	19.96
		1745	19.99	20.07	20.02
		1711.5	20.04	20.03	19.84
	8RB-Low (0)	1778.5	19.90	20.03	20.10
		1745	19.88	19.94	20.02
		1711.5	19.96	20.03	20.00
	15RB (0)	1778.5	20.00	19.97	19.92
		1745	19.92	20.10	19.89

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		1711.5	19.90	19.86	20.04
5MHz	1RB-High (24)	1777.5	19.90	20.05	20.22
		1745	19.86	20.22	20.48
		1712.5	19.76	20.32	20.47
	1RB-Middle (12)	1777.5	19.74	20.07	20.37
		1745	19.76	20.16	19.83
		1712.5	19.68	20.36	19.79
	1RB-Low (0)	1777.5	19.95	20.12	20.18
		1745	20.03	20.15	20.20
		1712.5	20.05	20.24	20.14
	12RB-High (13)	1777.5	19.97	20.01	19.92
		1745	20.05	20.01	20.05
		1712.5	19.98	20.09	20.04
	12RB-Middle (6)	1777.5	20.00	19.98	20.01
		1745	19.97	19.96	19.91
		1712.5	19.94	19.97	19.94
	12RB-Low (0)	1777.5	19.98	19.93	19.95
		1745	19.91	19.93	19.86
		1712.5	19.89	20.05	19.89
	25RB (0)	1777.5	20.02	20.02	20.00
		1745	19.96	19.98	19.98
		1712.5	19.97	19.99	19.89
10MHz	1RB-High (49)	1775	19.98	20.09	19.78
		1745	19.80	20.15	19.96
		1715	19.91	20.00	19.98
	1RB-Middle (24)	1775	19.90	20.26	20.21
		1745	19.88	20.20	20.06
		1715	19.80	20.12	20.31
	1RB-Low (0)	1775	20.01	20.04	19.97
		1745	20.00	20.19	19.90
		1715	19.85	20.10	19.79
	25RB-High (25)	1775	19.97	20.01	19.97
		1745	19.97	20.05	20.03
		1715	19.92	19.97	19.96
	25RB-Middle (12)	1775	19.93	19.93	19.99
		1745	20.06	20.07	20.04
		1715	19.97	19.94	20.01
	25RB-Low (0)	1775	19.96	19.94	19.99
		1745	19.95	19.98	19.94
		1715	19.98	19.98	20.05
	50RB (0)	1775	19.93	19.97	19.97
		1745	19.99	20.00	20.09
		1715	19.94	20.01	19.86
15MHz	1RB-High (74)	1772.5	19.82	19.87	19.87
		1745	19.81	20.06	19.79
		1717.5	19.77	19.98	19.76
	1RB-Middle (37)	1772.5	19.81	19.97	19.99
		1745	19.77	20.04	19.99

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		1717.5 (132047)	19.74	19.99	19.87
	1RB-Low (0)	1772.5	19.84	20.11	19.83
		1745	19.78	19.93	19.87
		1717.5 (132047)	19.78	19.93	19.68
	36RB-High (38)	1772.5	19.88	19.77	19.85
		1745	19.82	19.78	19.89
		1717.5	19.86	19.89	19.88
	36RB-Middle (19)	1772.5	19.90	19.80	19.87
		1745	19.86	19.75	19.85
		1717.5	19.90	19.90	19.91
	36RB-Low (0)	1772.5	19.88	19.78	19.79
		1745	19.82	19.75	19.75
		1717.5	19.85	19.80	19.79
	75RB (0)	1772.5	19.82	19.78	19.75
		1745	19.93	19.84	19.82
		1717.5	19.75	19.90	19.88
20MHz	1RB-High (99)	1770	19.78	19.72	19.65
		1745	19.76	19.71	19.81
		1720	19.72	19.84	20.12
	1RB-Middle (50)	1770	19.68	19.95	20.15
		1745	19.70	19.90	19.91
		1720	19.52	19.74	19.98
	1RB-Low (0)	1770	19.76	19.86	20.01
		1745	19.76	19.77	19.88
		1720	19.65	19.74	20.07
	50RB-High (50)	1770	19.90	19.85	19.85
		1745	19.83	19.93	19.88
		1720	19.79	19.83	19.80
	50RB-Middle (25)	1770	19.81	19.88	19.87
		1745	19.85	19.86	20.00
		1720	19.82	19.87	19.86
	50RB-Low (0)	1770	19.77	19.77	19.85
		1745	19.77	19.69	19.86
		1720	19.73	19.76	19.73
	100RB (0)	1770	19.75	19.82	19.88
		1745	19.82	19.84	19.78
		1720	19.86	19.81	19.78

LTE B66 ANT6

Band 66					
Bandwidth (MHz)	RB allocation	Frequency (MHz)	Actual output power (dBm)		
	RB offset		QPSK	16QAM	64QAM
		1779.3	15.53	15.79	15.91

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	(5)	1745	15.55	15.77	15.76
		1710.7	15.75	15.94	15.92
	1RB-Middle (3)	1779.3	15.52	15.81	15.74
		1745	15.84	15.91	15.99
		1710.7	15.89	16.03	15.79
	1RB-Low (0)	1779.3	15.53	15.76	15.50
		1745	15.56	15.90	15.92
		1710.7	15.50	15.91	15.95
	3RB-High (3)	1779.3	15.49	15.53	15.52
		1745	15.59	15.71	15.63
		1710.7	15.72	15.77	15.75
	3RB-Middle (1)	1779.3	15.57	15.59	15.52
		1745	15.60	15.20	15.73
		1710.7	15.81	15.64	15.87
	3RB-Low (0)	1779.3	15.52	15.56	15.55
		1745	15.58	15.69	15.68
		1710.7	15.63	15.77	15.79
	6RB (0)	1779.3	15.43	15.61	15.50
		1745	15.61	15.69	15.68
		1710.7	15.60	15.69	15.84
3MHz	1RB-High (14)	1778.5	15.48	15.92	15.78
		1745	15.62	15.95	15.98
		1711.5	15.66	15.93	15.99
	1RB-Middle (7)	1778.5	15.37	15.72	15.54
		1745	15.56	15.99	15.77
		1711.5	15.53	15.92	15.82
	1RB-Low (0)	1778.5	15.54	15.87	15.76
		1745	15.68	15.87	15.86
		1711.5	15.84	15.97	16.00
	8RB-High (7)	1778.5	15.58	15.59	15.56
		1745	15.58	15.76	15.73
		1711.5	15.74	15.79	15.81
	8RB-Middle (4)	1778.5	15.71	15.76	15.68
		1745	15.75	15.85	15.69
		1711.5	15.70	15.78	15.70
	8RB-Low (0)	1778.5	15.60	15.64	15.58
		1745	15.66	15.69	15.76
		1711.5	15.80	15.92	15.91
	15RB (0)	1778.5	15.70	15.59	15.55
		1745	15.75	15.68	15.68
		1711.5	15.78	15.86	15.72
5MHz	1RB-High (24)	1777.5	15.63	15.83	15.78
		1745	15.75	15.88	15.94
		1712.5	15.91	16.06	16.17
	1RB-Middle (12)	1777.5	15.52	15.71	15.57
		1745	15.53	15.75	15.52
		1712.5	15.59	15.82	15.56
	1RB-Low (0)	1777.5	15.72	15.84	15.91

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		1745	15.84	15.93	15.79
		1712.5	15.88	15.92	16.26
	12RB-High (13)	1777.5	15.64	15.58	15.51
		1745	15.76	15.72	15.77
		1712.5	15.81	15.80	15.79
	12RB-Middle (6)	1777.5	15.73	15.70	15.53
		1745	15.73	15.75	15.50
		1712.5	15.85	15.86	15.66
	12RB-Low (0)	1777.5	15.65	15.65	15.51
		1745	15.70	15.55	15.67
		1712.5	15.77	15.92	15.79
	25RB (0)	1777.5	15.68	15.65	15.65
		1745	15.73	15.74	15.73
		1712.5	15.82	15.89	15.80
10MHz	1RB-High (49)	1775	15.66	15.92	15.43
		1745	15.60	15.82	15.60
		1715	15.57	15.77	15.86
	1RB-Middle (24)	1775	15.56	15.78	15.77
		1745	15.70	15.86	15.93
		1715	15.68	15.90	15.95
	1RB-Low (0)	1775	15.77	15.74	15.61
		1745	15.69	15.89	15.67
		1715	15.77	15.83	15.55
	25RB-High (25)	1775	15.64	15.71	15.70
		1745	15.66	15.72	15.70
		1715	15.79	15.85	15.73
	25RB-Middle (12)	1775	15.58	15.64	15.62
		1745	15.82	15.73	15.82
		1715	15.76	15.77	15.88
	25RB-Low (0)	1775	15.61	15.62	15.61
		1745	15.74	15.65	15.72
		1715	15.85	15.85	15.86
	50RB (0)	1775	15.67	15.64	15.63
		1745	15.76	15.78	15.66
		1715	15.74	15.85	15.74
15MHz	1RB-High (74)	1772.5	15.44	15.51	15.64
		1745	15.52	15.71	15.60
		1717.5	15.52	15.78	15.73
	1RB-Middle (37)	1772.5	15.49	15.96	15.63
		1745	15.55	15.80	15.71
		1717.5 (132047)	15.68	15.84	15.77
	1RB-Low (0)	1772.5	15.47	15.64	15.54
		1745	15.57	15.77	15.65
		1717.5 (132047)	15.61	15.71	15.53
	36RB-High (38)	1772.5	15.57	15.52	15.57
		1745	15.61	15.54	15.63
		1717.5	15.69	15.70	15.68

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	36RB-Middle (19)	1772.5	15.61	15.57	15.53
		1745	15.66	15.58	15.55
		1717.5	15.68	15.77	15.74
	36RB-Low (0)	1772.5	15.53	15.54	15.50
		1745	15.61	15.59	15.50
		1717.5	15.70	15.67	15.65
	75RB (0)	1772.5	15.50	15.43	15.40
		1745	15.65	15.67	15.65
		1717.5	15.72	15.76	15.65
20MHz	1RB-High (99)	1770	15.46	15.33	15.72
		1745	15.48	15.40	15.59
		1720	15.46	15.65	15.56
	1RB-Middle (50)	1770	15.35	15.49	15.68
		1745	15.43	15.57	15.62
		1720	15.44	15.65	15.53
	1RB-Low (0)	1770	15.48	15.57	15.71
		1745	15.61	15.71	15.58
		1720	15.45	15.53	15.68
	50RB-High (50)	1770	15.52	15.54	15.58
		1745	15.56	15.58	15.57
		1720	15.52	15.61	15.60
	50RB-Middle (25)	1770	15.46	15.50	15.43
		1745	15.60	15.58	15.62
		1720	15.57	15.69	15.65
	50RB-Low (0)	1770	15.50	15.47	15.55
		1745	15.52	15.61	15.56
		1720	15.58	15.57	15.52
	100RB (0)	1770	15.42	15.50	15.48
		1745	15.57	15.60	15.59
		1720	15.68	15.63	15.63

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LTE Carrier Aggregation Conducted Power (Uplink)

This device supports uplink carrier aggregation for LTE CA_7C, CA_38C and CA_41C with a maximum of two 20MHz component carriers. For intra band contiguous carrier aggregation scenarios, 3GPP specifies that the aggregate maximum allowed output power is equivalent to the single carrier scenario. For the non-contiguously allocated resource blocks which the MPR level is determined by various RB separation and RB sizes requirement, and the allowed MPR levels, settings and the conducted powers are permanently implemented in this device per the 3GPP requirements.

According to FCC guidance, the output power with uplink CA active was measured for the high / middle / low channel configuration with the highest reported SAR for each exposure condition, the power was measured with wideband signal integration over both component carriers.

In applying the power measurement procedures of KDB 941225 D05A for DL CA to qualify for UL SAR test exclusion, power measurement is required only for the subset in each row with the largest combination of frequency bands and CCs

Maximum output power measurement is required for each UL CA configuration for the required test channels described in KDB 941225 D05. The required test channel should be associated with the UL PCC. For channels at the ends of a frequency band, the SCC and subsequent CCs are added to the side within the transmission band. Otherwise, the CCs should be added alternatively to either side of the PCC.

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7C ANT3

UL LTE CA Class	DSI	PCC					SCC				Power	
		PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	1	20M	21350	3350	1	99	20M	3152	1	0	22.2	15.51
CA_7C	1	20M	21350	3350	1	99	15M	3179	1	0	22.2	15.46
CA_7C	1	20M	21350	3350	1	99	10M	3206	1	0	22.2	15.48
CA_7C	1	20M	20850	2850	1	99	20M	3048	1	0	22.2	20.71
CA_7C	1	20M	20850	2850	1	99	15M	3021	1	0	22.2	20.70
CA_7C	1	20M	20850	2850	1	99	10M	2994	1	0	22.2	20.70
CA_7C	1	15M	21375	3375	1	74	15M	3225	1	0	22.2	15.48
CA_7C	1	15M	20825	2825	1	74	15M	2975	1	0	22.2	20.83
CA_7C	1	15M	20825	2825	1	74	10M	2945	1	0	22.2	20.70
CA_7C	1	20M	21350	3350	1	0	20M	3152	1	99	22.2	20.47
CA_7C	1	20M	21350	3350	1	0	15M	3179	1	74	22.2	20.20
CA_7C	1	20M	21350	3350	1	0	10M	3206	1	49	22.2	20.34
CA_7C	1	20M	20850	2850	1	0	20M	3048	1	99	22.2	15.75
CA_7C	1	20M	20850	2850	1	0	15M	3021	1	74	22.2	15.71
CA_7C	1	20M	20850	2850	1	0	10M	2994	1	49	22.2	15.67
CA_7C	1	15M	21375	3375	1	0	15M	3225	1	74	22.2	20.46
CA_7C	1	15M	20825	2825	1	0	15M	2975	1	74	22.2	15.65
CA_7C	1	15M	20825	2825	1	0	10M	2945	1	49	22.2	15.78
CA_7C	3	20M	21350	3350	1	99	20M	3152	1	0	22.6	15.86
CA_7C	3	20M	21350	3350	1	99	15M	3179	1	0	22.6	15.77
CA_7C	3	20M	21350	3350	1	99	10M	3206	1	0	22.6	15.75
CA_7C	3	20M	20850	2850	1	99	20M	3048	1	0	22.6	20.82
CA_7C	3	20M	20850	2850	1	99	15M	3021	1	0	22.6	20.93
CA_7C	3	20M	20850	2850	1	99	10M	2994	1	0	22.6	20.90
CA_7C	3	15M	21375	3375	1	74	15M	3225	1	0	22.6	15.35
CA_7C	3	15M	20825	2825	1	74	15M	2975	1	0	22.6	20.97
CA_7C	3	15M	20825	2825	1	74	10M	2945	1	0	22.6	20.93
CA_7C	3	20M	21350	3350	1	0	20M	3152	1	99	22.6	20.68
CA_7C	3	20M	21350	3350	1	0	15M	3179	1	74	22.6	20.63
CA_7C	3	20M	21350	3350	1	0	10M	3206	1	49	22.6	20.58
CA_7C	3	20M	20850	2850	1	0	20M	3048	1	99	22.6	15.64
CA_7C	3	20M	20850	2850	1	0	15M	3021	1	74	22.6	15.66
CA_7C	3	20M	20850	2850	1	0	10M	2994	1	49	22.6	15.70
CA_7C	3	15M	21375	3375	1	0	15M	3225	1	74	22.6	20.69
CA_7C	3	15M	20825	2825	1	0	15M	2975	1	74	22.6	15.59
CA_7C	3	15M	20825	2825	1	0	10M	2945	1	49	22.6	15.71
CA_7C	9	20M	21350	3350	1	99	20M	3152	1	0	20.6	15.43
CA_7C	9	20M	21350	3350	1	99	15M	3179	1	0	20.6	15.44
CA_7C	9	20M	21350	3350	1	99	10M	3206	1	0	20.6	15.4
CA_7C	9	20M	20850	2850	1	99	20M	3048	1	0	20.6	19.14
CA_7C	9	20M	20850	2850	1	99	15M	3021	1	0	20.6	19.1
CA_7C	9	20M	20850	2850	1	99	10M	2994	1	0	20.6	18.92
CA_7C	9	15M	21375	3375	1	74	15M	3225	1	0	20.6	15.38
CA_7C	9	15M	20825	2825	1	74	15M	2975	1	0	20.6	18.89
CA_7C	9	15M	20825	2825	1	74	10M	2945	1	0	20.6	18.82
CA_7C	9	20M	21350	3350	1	0	20M	3152	1	99	20.6	18.70
CA_7C	9	20M	21350	3350	1	0	15M	3179	1	74	20.6	18.60
CA_7C	9	20M	21350	3350	1	0	10M	3206	1	49	20.6	18.60
CA_7C	9	20M	20850	2850	1	0	20M	3048	1	99	20.6	15.60
CA_7C	9	20M	20850	2850	1	0	15M	3021	1	74	20.6	15.64
CA_7C	9	20M	20850	2850	1	0	10M	2994	1	49	20.6	15.66
CA_7C	9	15M	21375	3375	1	0	15M	3225	1	74	20.6	18.62
CA_7C	9	15M	20825	2825	1	0	15M	2975	1	74	20.6	15.58
CA_7C	9	15M	20825	2825	1	0	10M	2945	1	49	20.6	15.66
CA_7C	5/13	20M	21350	3350	1	99	20M	3152	1	0	18.2	15.43
CA_7C	5/13	20M	21350	3350	1	99	15M	3179	1	0	18.2	15.37
CA_7C	5/13	20M	21350	3350	1	99	10M	3206	1	0	18.2	15.35
CA_7C	5/13	20M	20850	2850	1	99	20M	3048	1	0	18.2	17.36
CA_7C	5/13	20M	20850	2850	1	99	15M	3021	1	0	18.2	17.15
CA_7C	5/13	20M	20850	2850	1	99	10M	2994	1	0	18.2	16.44
CA_7C	5/13	15M	21375	3375	1	74	15M	3225	1	0	18.2	15.35
CA_7C	5/13	15M	20825	2825	1	74	15M	2975	1	0	18.2	16.51
CA_7C	5/13	15M	20825	2825	1	74	10M	2945	1	0	18.2	16.73
CA_7C	5/13	20M	21350	3350	1	0	20M	3152	1	99	18.2	16.20
CA_7C	5/13	20M	21350	3350	1	0	15M	3179	1	74	18.2	16.32
CA_7C	5/13	20M	21350	3350	1	0	10M	3206	1	49	18.2	16.23
CA_7C	5/13	20M	20850	2850	1	0	20M	3048	1	99	18.2	15.50
CA_7C	5/13	20M	20850	2850	1	0	15M	3021	1	74	18.2	15.54
CA_7C	5/13	20M	20850	2850	1	0	10M	2994	1	49	18.2	15.60
CA_7C	5/13	15M	21375	3375	1	0	15M	3225	1	74	18.2	16.39
CA_7C	5/13	15M	20825	2825	1	0	15M	2975	1	74	18.2	15.54
CA_7C	5/13	15M	20825	2825	1	0	10M	2945	1	49	18.2	15.60

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7C ANT9

UL LTE CA Class	DSI	PCC					SCC				Power	
		PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	1/3	20M	21350	3350	1	99	20M	3152	1	0	22.8	12.77
CA_7C	1/3	20M	21350	3350	1	99	15M	3179	1	0	22.8	12.75
CA_7C	1/3	20M	21350	3350	1	99	10M	3206	1	0	22.8	12.83
CA_7C	1/3	20M	20850	2850	1	99	20M	3048	1	0	22.8	19.56
CA_7C	1/3	20M	20850	2850	1	99	15M	3021	1	0	22.8	19.73
CA_7C	1/3	20M	20850	2850	1	99	10M	2994	1	0	22.8	19.75
CA_7C	1/3	15M	21375	3375	1	74	15M	3225	1	0	22.8	12.82
CA_7C	1/3	15M	20825	2825	1	74	15M	2975	1	0	22.8	19.73
CA_7C	1/3	15M	20825	2825	1	74	10M	2945	1	0	22.8	19.72
CA_7C	1/3	20M	21350	3350	1	0	20M	3152	1	99	22.8	20.33
CA_7C	1/3	20M	21350	3350	1	0	15M	3179	1	74	22.8	20.34
CA_7C	1/3	20M	21350	3350	1	0	10M	3206	1	49	22.8	20.41
CA_7C	1/3	20M	20850	2850	1	0	20M	3048	1	99	22.8	12.52
CA_7C	1/3	20M	20850	2850	1	0	15M	3021	1	74	22.8	12.42
CA_7C	1/3	20M	20850	2850	1	0	10M	2994	1	49	22.8	12.43
CA_7C	1/3	15M	21375	3375	1	0	15M	3225	1	74	22.8	20.98
CA_7C	1/3	15M	20825	2825	1	0	15M	2975	1	74	22.8	12.28
CA_7C	1/3	15M	20825	2825	1	0	10M	2945	1	49	22.8	12.42
CA_7C	9	20M	21350	3350	1	99	20M	3152	1	0	20.8	12.68
CA_7C	9	20M	21350	3350	1	99	15M	3179	1	0	20.8	12.67
CA_7C	9	20M	21350	3350	1	99	10M	3206	1	0	20.8	12.7
CA_7C	9	20M	20850	2850	1	99	20M	3048	1	0	20.8	17.5
CA_7C	9	20M	20850	2850	1	99	15M	3021	1	0	20.8	17.55
CA_7C	9	20M	20850	2850	1	99	10M	2994	1	0	20.8	17.76
CA_7C	9	15M	21375	3375	1	74	15M	3225	1	0	20.8	12.61
CA_7C	9	15M	20825	2825	1	74	15M	2975	1	0	20.8	17.61
CA_7C	9	15M	20825	2825	1	74	10M	2945	1	0	20.8	17.54
CA_7C	9	20M	21350	3350	1	0	20M	3152	1	99	20.8	19.04
CA_7C	9	20M	21350	3350	1	0	15M	3179	1	74	20.8	19.11
CA_7C	9	20M	21350	3350	1	0	10M	3206	1	49	20.8	19.03
CA_7C	9	20M	20850	2850	1	0	20M	3048	1	99	20.8	12.35
CA_7C	9	20M	20850	2850	1	0	15M	3021	1	74	20.8	12.30
CA_7C	9	20M	20850	2850	1	0	10M	2994	1	49	20.8	12.33
CA_7C	9	15M	21375	3375	1	0	15M	3225	1	74	20.8	19.23
CA_7C	9	15M	20825	2825	1	0	15M	2975	1	74	20.8	12.26
CA_7C	9	15M	20825	2825	1	0	10M	2945	1	49	20.8	12.35
CA_7C	5/13	20M	21350	3350	1	99	20M	3152	1	0	18.8	12.72
CA_7C	5/13	20M	21350	3350	1	99	15M	3179	1	0	18.8	12.7
CA_7C	5/13	20M	21350	3350	1	99	10M	3206	1	0	18.8	12.67
CA_7C	5/13	20M	20850	2850	1	99	20M	3048	1	0	18.8	15.61
CA_7C	5/13	20M	20850	2850	1	99	15M	3021	1	0	18.8	15.66
CA_7C	5/13	20M	20850	2850	1	99	10M	2994	1	0	18.8	15.68
CA_7C	5/13	15M	21375	3375	1	74	15M	3225	1	0	18.8	12.59
CA_7C	5/13	15M	20825	2825	1	74	15M	2975	1	0	18.8	15.58
CA_7C	5/13	15M	20825	2825	1	74	10M	2945	1	0	18.8	15.59
CA_7C	5/13	20M	21350	3350	1	0	20M	3152	1	99	18.8	16.87
CA_7C	5/13	20M	21350	3350	1	0	15M	3179	1	74	18.8	16.96
CA_7C	5/13	20M	21350	3350	1	0	10M	3206	1	49	18.8	16.82
CA_7C	5/13	20M	20850	2850	1	0	20M	3048	1	99	18.8	12.33
CA_7C	5/13	20M	20850	2850	1	0	15M	3021	1	74	18.8	12.24
CA_7C	5/13	20M	20850	2850	1	0	10M	2994	1	49	18.8	12.27
CA_7C	5/13	15M	21375	3375	1	0	15M	3225	1	74	18.8	17.4
CA_7C	5/13	15M	20825	2825	1	0	15M	2975	1	74	18.8	12.16
CA_7C	5/13	15M	20825	2825	1	0	10M	2945	1	49	18.8	12.34

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7C ANT1

UL LTE CA Class	DSI	PCC					SCC				Power	
		PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	1/3	20M	21350	3350	1	99	20M	3152	1	0	23.7	14.26
CA_7C	1/3	20M	21350	3350	1	99	15M	3179	1	0	23.7	14.31
CA_7C	1/3	20M	21350	3350	1	99	10M	3206	1	0	23.7	14.24
CA_7C	1/3	20M	20850	2850	1	99	20M	3048	1	0	23.7	21.35
CA_7C	1/3	20M	20850	2850	1	99	15M	3021	1	0	23.7	21.27
CA_7C	1/3	20M	20850	2850	1	99	10M	2994	1	0	23.7	21.34
CA_7C	1/3	15M	21375	3375	1	74	15M	3225	1	0	23.7	14.44
CA_7C	1/3	15M	20825	2825	1	74	15M	2975	1	0	23.7	21.43
CA_7C	1/3	15M	20825	2825	1	74	10M	2945	1	0	23.7	21.24
CA_7C	1/3	20M	21350	3350	1	0	20M	3152	1	99	23.7	21.70
CA_7C	1/3	20M	21350	3350	1	0	15M	3179	1	74	23.7	21.65
CA_7C	1/3	20M	21350	3350	1	0	10M	3206	1	49	23.7	21.61
CA_7C	1/3	20M	20850	2850	1	0	20M	3048	1	99	23.7	14.14
CA_7C	1/3	20M	20850	2850	1	0	15M	3021	1	74	23.7	14.04
CA_7C	1/3	20M	20850	2850	1	0	10M	2994	1	49	23.7	14.13
CA_7C	1/3	15M	21375	3375	1	0	15M	3225	1	74	23.7	21.77
CA_7C	1/3	15M	20825	2825	1	0	15M	2975	1	74	23.7	14.16
CA_7C	1/3	15M	20825	2825	1	0	10M	2945	1	49	23.7	13.93
CA_7C	9	20M	21350	3350	1	99	20M	3152	1	0	21.7	14.28
CA_7C	9	20M	21350	3350	1	99	15M	3179	1	0	21.7	14.23
CA_7C	9	20M	21350	3350	1	99	10M	3206	1	0	21.7	14.23
CA_7C	9	20M	20850	2850	1	99	20M	3048	1	0	21.7	19.21
CA_7C	9	20M	20850	2850	1	99	15M	3021	1	0	21.7	19.27
CA_7C	9	20M	20850	2850	1	99	10M	2994	1	0	21.7	19.25
CA_7C	9	15M	21375	3375	1	74	15M	3225	1	0	21.7	14.22
CA_7C	9	15M	20825	2825	1	74	15M	2975	1	0	21.7	19.24
CA_7C	9	15M	20825	2825	1	74	10M	2945	1	0	21.7	19.25
CA_7C	9	20M	21350	3350	1	0	20M	3152	1	99	21.7	19.67
CA_7C	9	20M	21350	3350	1	0	15M	3179	1	74	21.7	19.52
CA_7C	9	20M	21350	3350	1	0	10M	3206	1	49	21.7	19.50
CA_7C	9	20M	20850	2850	1	0	20M	3048	1	99	21.7	14.01
CA_7C	9	20M	20850	2850	1	0	15M	3021	1	74	21.7	14.05
CA_7C	9	20M	20850	2850	1	0	10M	2994	1	49	21.7	14.02
CA_7C	9	15M	21375	3375	1	0	15M	3225	1	74	21.7	19.53
CA_7C	9	15M	20825	2825	1	0	15M	2975	1	74	21.7	13.94
CA_7C	9	15M	20825	2825	1	0	10M	2945	1	49	21.7	13.91
CA_7C	5/13	20M	21350	3350	1	99	20M	3152	1	0	19.7	14.23
CA_7C	5/13	20M	21350	3350	1	99	15M	3179	1	0	19.7	14.16
CA_7C	5/13	20M	21350	3350	1	99	10M	3206	1	0	19.7	14.14
CA_7C	5/13	20M	20850	2850	1	99	20M	3048	1	0	19.7	17.21
CA_7C	5/13	20M	20850	2850	1	99	15M	3021	1	0	19.7	17.24
CA_7C	5/13	20M	20850	2850	1	99	10M	2994	1	0	19.7	17.28
CA_7C	5/13	15M	21375	3375	1	74	15M	3225	1	0	19.7	14.20
CA_7C	5/13	15M	20825	2825	1	74	15M	2975	1	0	19.7	17.26
CA_7C	5/13	15M	20825	2825	1	74	10M	2945	1	0	19.7	17.16
CA_7C	5/13	20M	21350	3350	1	0	20M	3152	1	99	19.7	17.50
CA_7C	5/13	20M	21350	3350	1	0	15M	3179	1	74	19.7	17.49
CA_7C	5/13	20M	21350	3350	1	0	10M	3206	1	49	19.7	17.50
CA_7C	5/13	20M	20850	2850	1	0	20M	3048	1	99	19.7	13.94
CA_7C	5/13	20M	20850	2850	1	0	15M	3021	1	74	19.7	13.93
CA_7C	5/13	20M	20850	2850	1	0	10M	2994	1	49	19.7	14.11
CA_7C	5/13	15M	21375	3375	1	0	15M	3225	1	74	19.7	17.79
CA_7C	5/13	15M	20825	2825	1	0	15M	2975	1	74	19.7	13.85
CA_7C	5/13	15M	20825	2825	1	0	10M	2945	1	49	19.7	13.94

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UL LTE CA Class	DSI	PCC					SCC				Power	
		PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	1	20M	21350	3350	1	99	20M	3152	1	0	17.9	13.72
CA_7C	1	20M	21350	3350	1	99	15M	3179	1	0	17.9	17.04
CA_7C	1	20M	21350	3350	1	99	10M	3206	1	0	17.9	13.74
CA_7C	1	20M	20850	2850	1	99	20M	3048	1	0	17.9	17
CA_7C	1	20M	20850	2850	1	99	15M	3021	1	0	17.9	17.02
CA_7C	1	20M	20850	2850	1	99	10M	2994	1	0	17.9	16.98
CA_7C	1	15M	21375	3375	1	74	15M	3225	1	0	17.9	13.77
CA_7C	1	15M	20825	2825	1	74	15M	2975	1	0	17.9	16.38
CA_7C	1	15M	20825	2825	1	74	10M	2945	1	0	17.9	16.39
CA_7C	1	20M	21350	3350	1	0	20M	3152	1	99	17.9	16.67
CA_7C	1	20M	21350	3350	1	0	15M	3179	1	74	17.9	16.46
CA_7C	1	20M	21350	3350	1	0	10M	3206	1	49	17.9	16.6
CA_7C	1	20M	20850	2850	1	0	20M	3048	1	99	17.9	13.22
CA_7C	1	20M	20850	2850	1	0	15M	3021	1	74	17.9	13.41
CA_7C	1	20M	20850	2850	1	0	10M	2994	1	49	17.9	13.31
CA_7C	1	15M	21375	3375	1	0	15M	3225	1	74	17.9	16.74
CA_7C	1	15M	20825	2825	1	0	15M	2975	1	74	17.9	13.33
CA_7C	1	15M	20825	2825	1	0	10M	2945	1	49	17.9	13.25
CA_7C	3	20M	21350	3350	1	99	20M	3152	1	0	19.1	13.6
CA_7C	3	20M	21350	3350	1	99	15M	3179	1	0	19.1	13.55
CA_7C	3	20M	21350	3350	1	99	10M	3206	1	0	19.1	13.61
CA_7C	3	20M	20850	2850	1	99	20M	3048	1	0	19.1	17.74
CA_7C	3	20M	20850	2850	1	99	15M	3021	1	0	19.1	17.72
CA_7C	3	20M	20850	2850	1	99	10M	2994	1	0	19.1	17.79
CA_7C	3	15M	21375	3375	1	74	15M	3225	1	0	19.1	13.71
CA_7C	3	15M	20825	2825	1	74	15M	2975	1	0	19.1	17.77
CA_7C	3	15M	20825	2825	1	74	10M	2945	1	0	19.1	17.70
CA_7C	3	20M	21350	3350	1	0	20M	3152	1	99	19.1	17.93
CA_7C	3	20M	21350	3350	1	0	15M	3179	1	74	19.1	17.91
CA_7C	3	20M	21350	3350	1	0	10M	3206	1	49	19.1	17.87
CA_7C	3	20M	20850	2850	1	0	20M	3048	1	99	19.1	13.47
CA_7C	3	20M	20850	2850	1	0	15M	3021	1	74	19.1	13.49
CA_7C	3	20M	20850	2850	1	0	10M	2994	1	49	19.1	13.41
CA_7C	3	15M	21375	3375	1	0	15M	3225	1	74	19.1	18.00
CA_7C	3	15M	20825	2825	1	0	15M	2975	1	74	19.1	13.40
CA_7C	3	15M	20825	2825	1	0	10M	2945	1	49	19.1	13.43
CA_7C	9	20M	21350	3350	1	99	20M	3152	1	0	17.1	13.62
CA_7C	9	20M	21350	3350	1	99	15M	3179	1	0	17.1	13.44
CA_7C	9	20M	21350	3350	1	99	10M	3206	1	0	17.1	13.64
CA_7C	9	20M	20850	2850	1	99	20M	3048	1	0	17.1	15.53
CA_7C	9	20M	20850	2850	1	99	15M	3021	1	0	17.1	15.53
CA_7C	9	20M	20850	2850	1	99	10M	2994	1	0	17.1	15.50
CA_7C	9	15M	21375	3375	1	74	15M	3225	1	0	17.1	13.56
CA_7C	9	15M	20825	2825	1	74	15M	2975	1	0	17.1	15.56
CA_7C	9	15M	20825	2825	1	74	10M	2945	1	0	17.1	15.59
CA_7C	9	20M	21350	3350	1	0	20M	3152	1	99	17.1	15.74
CA_7C	9	20M	21350	3350	1	0	15M	3179	1	74	17.1	15.67
CA_7C	9	20M	21350	3350	1	0	10M	3206	1	49	17.1	15.84
CA_7C	9	20M	20850	2850	1	0	20M	3048	1	99	17.1	13.30
CA_7C	9	20M	20850	2850	1	0	15M	3021	1	74	17.1	13.36
CA_7C	9	20M	20850	2850	1	0	10M	2994	1	49	17.1	13.26
CA_7C	9	15M	21375	3375	1	0	15M	3225	1	74	17.1	15.98
CA_7C	9	15M	20825	2825	1	0	15M	2975	1	74	17.1	13.38
CA_7C	9	15M	20825	2825	1	0	10M	2945	1	49	17.1	13.45
CA_7C	5/13	20M	21350	3350	1	99	20M	3152	1	0	13.9	12.73
CA_7C	5/13	20M	21350	3350	1	99	15M	3179	1	0	13.9	12.75
CA_7C	5/13	20M	21350	3350	1	99	10M	3206	1	0	13.9	12.72
CA_7C	5/13	20M	20850	2850	1	99	20M	3048	1	0	13.9	12.52
CA_7C	5/13	20M	20850	2850	1	99	15M	3021	1	0	13.9	12.48
CA_7C	5/13	20M	20850	2850	1	99	10M	2994	1	0	13.9	12.51
CA_7C	5/13	15M	21375	3375	1	74	15M	3225	1	0	13.9	12.74
CA_7C	5/13	15M	20825	2825	1	74	15M	2975	1	0	13.9	12.60
CA_7C	5/13	15M	20825	2825	1	74	10M	2945	1	0	13.9	12.35
CA_7C	5/13	20M	21350	3350	1	0	20M	3152	1	99	13.9	12.65
CA_7C	5/13	20M	21350	3350	1	0	15M	3179	1	74	13.9	12.74
CA_7C	5/13	20M	21350	3350	1	0	10M	3206	1	49	13.9	12.64
CA_7C	5/13	20M	20850	2850	1	0	20M	3048	1	99	13.9	12.72
CA_7C	5/13	20M	20850	2850	1	0	15M	3021	1	74	13.9	12.48
CA_7C	5/13	20M	20850	2850	1	0	10M	2994	1	49	13.9	12.68
CA_7C	5/13	15M	21375	3375	1	0	15M	3225	1	74	13.9	12.88
CA_7C	5/13	15M	20825	2825	1	0	15M	2975	1	74	13.9	12.68
CA_7C	5/13	15M	20825	2825	1	0	10M	2945	1	49	13.9	12.51

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38C ANT1

UL LTE CA Class	DSI	PCC				SCC				Power	
		PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 38C	1/3	20M	38150	1	99	20M	37952	1	0	24.8	16.7
CA 38C	1/3	20M	37850	1	99	20M	38048	1	0	24.8	23.3
CA 38C	1/3	15M	38175	1	74	15M	38025	1	0	24.8	16.62
CA 38C	1/3	15M	37825	1	74	15M	37975	1	0	24.8	23.29
CA 38C	1/3	20M	38150	1	0	20M	37952	1	99	24.8	23.34
CA 38C	1/3	20M	37850	1	0	20M	38048	1	99	24.8	16.56
CA 38C	1/3	15M	38175	1	0	15M	38025	1	74	24.8	23.29
CA 38C	1/3	15M	37825	1	0	15M	37975	1	74	24.8	16.66
CA 38C	9	20M	38150	1	99	20M	37952	1	0	22.8	16.67
CA 38C	9	20M	37850	1	99	20M	38048	1	0	22.8	21.3
CA 38C	9	15M	38175	1	74	15M	38025	1	0	22.8	16.58
CA 38C	9	15M	37825	1	74	15M	37975	1	0	22.8	21.28
CA 38C	9	20M	38150	1	0	20M	37952	1	99	22.8	21.7
CA 38C	9	20M	37850	1	0	20M	38048	1	99	22.8	16.56
CA 38C	9	15M	38175	1	0	15M	38025	1	74	22.8	21.29
CA 38C	9	15M	37825	1	0	15M	37975	1	74	22.8	16.63
CA 38C	5/13	20M	38150	1	99	20M	37952	1	0	20.8	16.67
CA 38C	5/13	20M	37850	1	99	20M	38048	1	0	20.8	19.32
CA 38C	5/13	15M	38175	1	74	15M	38025	1	0	20.8	16.62
CA 38C	5/13	15M	37825	1	74	15M	37975	1	0	20.8	19.3
CA 38C	5/13	20M	38150	1	0	20M	37952	1	99	20.8	19.64
CA 38C	5/13	20M	37850	1	0	20M	38048	1	99	20.8	16.54
CA 38C	5/13	15M	38175	1	0	15M	38025	1	74	20.8	19.24
CA 38C	5/13	15M	37825	1	0	15M	37975	1	74	20.8	16.58

38C ANT6

UL LTE CA Class	DSI	PCC				SCC				Power	
		PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 38C	1	20M	38150	1	99	20M	37952	1	0	19.5	15.88
CA 38C	1	20M	37850	1	99	20M	38048	1	0	19.5	18.14
CA 38C	1	15M	38175	1	74	15M	38025	1	0	19.5	15.8
CA 38C	1	15M	37825	1	74	15M	37975	1	0	19.5	18.18
CA 38C	1	20M	38150	1	0	20M	37952	1	99	19.5	18.36
CA 38C	1	20M	37850	1	0	20M	38048	1	99	19.5	15.78
CA 38C	1	15M	38175	1	0	15M	38025	1	74	19.5	18.16
CA 38C	1	15M	37825	1	0	15M	37975	1	74	19.5	15.81
CA 38C	3	20M	38150	1	99	20M	37952	1	0	20.6	15.84
CA 38C	3	20M	37850	1	99	20M	38048	1	0	20.6	19.26
CA 38C	3	15M	38175	1	74	15M	38025	1	0	20.6	15.82
CA 38C	3	15M	37825	1	74	15M	37975	1	0	20.6	19.27
CA 38C	3	20M	38150	1	0	20M	37952	1	99	20.6	19.30
CA 38C	3	20M	37850	1	0	20M	38048	1	99	20.6	15.74
CA 38C	3	15M	38175	1	0	15M	38025	1	74	20.6	19.26
CA 38C	3	15M	37825	1	0	15M	37975	1	74	20.6	15.80
CA 38C	9	20M	38150	1	99	20M	37952	1	0	18.6	15.85
CA 38C	9	20M	37850	1	99	20M	38048	1	0	18.6	17.26
CA 38C	9	15M	38175	1	74	15M	38025	1	0	18.6	15.77
CA 38C	9	15M	37825	1	74	15M	37975	1	0	18.6	17.24
CA 38C	9	20M	38150	1	0	20M	37952	1	99	18.6	17.44
CA 38C	9	20M	37850	1	0	20M	38048	1	99	18.6	15.78
CA 38C	9	15M	38175	1	0	15M	38025	1	74	18.6	17.24
CA 38C	9	15M	37825	1	0	15M	37975	1	74	18.6	15.79
CA 38C	5/13	20M	38150	1	99	20M	37952	1	0	15.5	14.34
CA 38C	5/13	20M	37850	1	99	20M	38048	1	0	15.5	14.18
CA 38C	5/13	15M	38175	1	74	15M	38025	1	0	15.5	14.29
CA 38C	5/13	15M	37825	1	74	15M	37975	1	0	15.5	14.2
CA 38C	5/13	20M	38150	1	0	20M	37952	1	99	15.5	14.46
CA 38C	5/13	20M	37850	1	0	20M	38048	1	99	15.5	14.27
CA 38C	5/13	15M	38175	1	0	15M	38025	1	74	15.5	14.19
CA 38C	5/13	15M	37825	1	0	15M	37975	1	74	15.5	14.30

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UL LTE CA Class	DSI	PCC				SCC				Power	
		PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	1	20M	41490	1	99	20M	41292	1	0	24.6	21.6
CA 41C	1	20M	41490	1	99	15M	41319	1	0	24.6	21.97
CA 41C	1	20M	41490	1	99	10M	41346	1	0	24.6	16.8
CA 41C	1	20M	41490	1	99	5M	41373	1	0	24.6	16.69
CA 41C	1	20M	39750	1	99	5M	39867	1	0	24.6	23.01
CA 41C	1	20M	39750	1	99	20M	39948	1	0	24.6	23
CA 41C	1	20M	39750	1	99	15M	39921	1	0	24.6	23.1
CA 41C	1	20M	39750	1	99	10M	39894	1	0	24.6	22.94
CA 41C	1	15M	41515	1	74	15M	41365	1	0	24.6	16.72
CA 41C	1	15M	41515	1	74	10M	41395	1	0	24.6	16.82
CA 41C	1	15M	39725	1	74	10M	39845	1	0	24.6	23.06
CA 41C	1	20M	41490	1	0	20M	41292	1	99	24.6	23.32
CA 41C	1	20M	41490	1	0	15M	41319	1	74	24.6	23.13
CA 41C	1	20M	41490	1	0	10M	41346	1	49	24.6	23.08
CA 41C	1	20M	39750	1	0	5M	39867	1	24	24.6	16.76
CA 41C	1	20M	41490	1	0	5M	41373	1	24	24.6	23.2
CA 41C	1	20M	39750	1	0	20M	39948	1	99	24.6	16.63
CA 41C	1	20M	39750	1	0	15M	39921	1	74	24.6	16.66
CA 41C	1	20M	39750	1	0	10M	39894	1	49	24.6	16.69
CA 41C	1	15M	41515	1	0	15M	41365	1	74	24.6	23.3
CA 41C	1	15M	41515	1	0	10M	41395	1	49	24.6	23.05
CA 41C	1	15M	39725	1	0	10M	39845	1	49	24.6	16.65
CA 41C	3	20M	41490	1	99	20M	41292	1	0	24.4	21.77
CA 41C	3	20M	41490	1	99	15M	41319	1	0	24.4	16.63
CA 41C	3	20M	41490	1	99	10M	41346	1	0	24.4	16.78
CA 41C	3	20M	41490	1	99	5M	41373	1	0	24.4	16.72
CA 41C	3	20M	39750	1	99	5M	39867	1	0	24.4	22.97
CA 41C	3	20M	39750	1	99	20M	39948	1	0	24.4	22.76
CA 41C	3	20M	39750	1	99	15M	39921	1	0	24.4	22.92
CA 41C	3	20M	39750	1	99	10M	39894	1	0	24.4	22.88
CA 41C	3	15M	41515	1	74	15M	41365	1	0	24.4	16.79
CA 41C	3	15M	41515	1	74	10M	41395	1	0	24.4	16.77
CA 41C	3	15M	39725	1	74	10M	39845	1	0	24.4	22.97
CA 41C	3	20M	41490	1	0	20M	41292	1	99	24.4	23.17
CA 41C	3	20M	41490	1	0	15M	41319	1	74	24.4	23.12
CA 41C	3	20M	41490	1	0	10M	41346	1	49	24.4	23.04
CA 41C	3	20M	39750	1	0	5M	39867	1	24	24.4	16.74
CA 41C	3	20M	41490	1	0	5M	41373	1	24	24.4	23.06
CA 41C	3	20M	39750	1	0	20M	39948	1	99	24.4	16.61
CA 41C	3	20M	39750	1	0	15M	39921	1	74	24.4	16.64
CA 41C	3	20M	39750	1	0	10M	39894	1	49	24.4	16.68
CA 41C	3	15M	41515	1	0	15M	41365	1	74	24.4	23.02
CA 41C	3	15M	41515	1	0	10M	41395	1	49	24.4	23.08
CA 41C	3	15M	39725	1	0	10M	39845	1	49	24.4	16.63
CA 41C	9	20M	41490	1	99	20M	41292	1	0	22.4	16.57
CA 41C	9	20M	41490	1	99	15M	41319	1	0	22.4	16.65
CA 41C	9	20M	41490	1	99	10M	41346	1	0	22.4	16.73
CA 41C	9	20M	41490	1	99	5M	41373	1	0	22.4	16.72
CA 41C	9	20M	39750	1	99	5M	39867	1	0	22.4	20.93
CA 41C	9	20M	39750	1	99	20M	39948	1	0	22.4	20.98
CA 41C	9	20M	39750	1	99	15M	39921	1	0	22.4	21.01
CA 41C	9	20M	39750	1	99	10M	39894	1	0	22.4	20.92
CA 41C	9	15M	41515	1	74	15M	41365	1	0	22.4	16.71
CA 41C	9	15M	41515	1	74	10M	41395	1	0	22.4	16.84
CA 41C	9	15M	39725	1	74	10M	39845	1	0	22.4	20.92
CA 41C	9	20M	41490	1	0	20M	41292	1	99	22.4	21.39
CA 41C	9	20M	41490	1	0	15M	41319	1	74	22.4	21.19
CA 41C	9	20M	41490	1	0	10M	41346	1	49	22.4	21.14
CA 41C	9	20M	39750	1	0	5M	39867	1	24	22.4	16.72
CA 41C	9	20M	41490	1	0	5M	41373	1	24	22.4	21.15
CA 41C	9	20M	39750	1	0	20M	39948	1	99	22.4	16.57
CA 41C	9	20M	39750	1	0	15M	39921	1	74	22.4	16.6
CA 41C	9	20M	39750	1	0	10M	39894	1	49	22.4	16.7
CA 41C	9	15M	41515	1	0	15M	41365	1	74	22.4	21.1
CA 41C	9	15M	41515	1	0	10M	41395	1	49	22.4	21.08
CA 41C	9	15M	39725	1	0	10M	39845	1	49	22.4	16.6
CA 41C	5/13	20M	41490	1	99	20M	41292	1	0	20.6	16.65
CA 41C	5/13	20M	41490	1	99	15M	41319	1	0	20.6	16.72
CA 41C	5/13	20M	41490	1	99	10M	41346	1	0	20.6	16.84
CA 41C	5/13	20M	41490	1	99	5M	41373	1	0	20.6	16.75
CA 41C	5/13	20M	39750	1	99	5M	39867	1	0	20.6	19.06
CA 41C	5/13	20M	39750	1	99	20M	39948	1	0	20.6	19.09
CA 41C	5/13	20M	39750	1	99	15M	39921	1	0	20.6	19.07
CA 41C	5/13	20M	39750	1	99	10M	39894	1	0	20.6	19.12
CA 41C	5/13	15M	41515	1	74	15M	41365	1	0	20.6	16.75
CA 41C	5/13	15M	41515	1	74	10M	41395	1	0	20.6	16.81
CA 41C	5/13	15M	39725	1	74	10M	39845	1	0	20.6	19.13
CA 41C	5/13	20M	41490	1	0	20M	41292	1	99	20.6	19.41
CA 41C	5/13	20M	41490	1	0	15M	41319	1	74	20.6	19.37
CA 41C	5/13	20M	41490	1	0	10M	41346	1	49	20.6	19.35
CA 41C	5/13	20M	39750	1	0	5M	39867	1	24	20.6	16.67
CA 41C	5/13	20M	41490	1	0	5M	41373	1	24	20.6	19.3
CA 41C	5/13	20M	39750	1	0	20M	39948	1	99	20.6	16.63
CA 41C	5/13	20M	39750	1	0	15M	39921	1	74	20.6	16.62
CA 41C	5/13	20M	39750	1	0	10M	39894	1	49	20.6	16.67
CA 41C	5/13	15M	41515	1	0	15M	41365	1	74	20.6	19.29
CA 41C	5/13	15M	41515	1	0	10M	41395	1	49	20.6	19.28
CA 41C	5/13	15M	39725	1	0	10M	39845	1	49	20.6	16.62

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41C ANT6

UL LTE CA Class	DSI	PCC				SCC				Power	
		PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	1	20M	41490	1	99	20M	41292	1	0	19.4	15.6
CA 41C	1	20M	41490	1	99	15M	41319	1	0	19.4	15.66
CA 41C	1	20M	41490	1	99	10M	41346	1	0	19.4	15.65
CA 41C	1	20M	41490	1	99	5M	41373	1	0	19.4	15.68
CA 41C	1	20M	39750	1	99	5M	39867	1	0	19.4	18.18
CA 41C	1	20M	39750	1	99	20M	39948	1	0	19.4	18.16
CA 41C	1	20M	39750	1	99	15M	39921	1	0	19.4	18.19
CA 41C	1	20M	39750	1	99	10M	39894	1	0	19.4	18.16
CA 41C	1	15M	41515	1	74	15M	41365	1	0	19.4	15.61
CA 41C	1	15M	41515	1	74	10M	41395	1	0	19.4	15.66
CA 41C	1	15M	39725	1	74	10M	39845	1	0	19.4	18.18
CA 41C	1	20M	41490	1	0	20M	41292	1	99	19.4	18.03
CA 41C	1	20M	41490	1	0	15M	41319	1	74	19.4	18.05
CA 41C	1	20M	41490	1	0	10M	41346	1	49	19.4	18
CA 41C	1	20M	39750	1	0	5M	39867	1	24	19.4	15.98
CA 41C	1	20M	41490	1	0	5M	41373	1	24	19.4	18.02
CA 41C	1	20M	39750	1	0	20M	39948	1	99	19.4	15.92
CA 41C	1	20M	39750	1	0	15M	39921	1	74	19.4	15.91
CA 41C	1	20M	39750	1	0	10M	39894	1	49	19.4	15.93
CA 41C	1	15M	41515	1	0	15M	41365	1	74	19.4	18.05
CA 41C	1	15M	41515	1	0	10M	41395	1	49	19.4	18.03
CA 41C	1	15M	39725	1	0	10M	39845	1	49	19.4	15.88
CA 41C	3	20M	41490	1	99	20M	41292	1	0	20.6	15.56
CA 41C	3	20M	41490	1	99	15M	41319	1	0	20.6	15.6
CA 41C	3	20M	41490	1	99	10M	41346	1	0	20.6	15.58
CA 41C	3	20M	41490	1	99	5M	41373	1	0	20.6	15.69
CA 41C	3	20M	39750	1	99	5M	39867	1	0	20.6	19.33
CA 41C	3	20M	39750	1	99	20M	39948	1	0	20.6	19.37
CA 41C	3	20M	39750	1	99	15M	39921	1	0	20.6	19.34
CA 41C	3	20M	39750	1	99	10M	39894	1	0	20.6	19.46
CA 41C	3	15M	41515	1	74	15M	41365	1	0	20.6	15.65
CA 41C	3	15M	41515	1	74	10M	41395	1	0	20.6	15.63
CA 41C	3	15M	39725	1	74	10M	39845	1	0	20.6	19.38
CA 41C	3	20M	41490	1	0	20M	41292	1	99	20.6	19.24
CA 41C	3	20M	41490	1	0	15M	41319	1	74	20.6	19.17
CA 41C	3	20M	41490	1	0	10M	41346	1	49	20.6	19.2
CA 41C	3	20M	39750	1	0	5M	39867	1	24	20.6	15.93
CA 41C	3	20M	41490	1	0	5M	41373	1	24	20.6	19.18
CA 41C	3	20M	39750	1	0	20M	39948	1	99	20.6	15.89
CA 41C	3	20M	39750	1	0	15M	39921	1	74	20.6	15.92
CA 41C	3	20M	39750	1	0	10M	39894	1	49	20.6	15.92
CA 41C	3	15M	41515	1	0	15M	41365	1	74	20.6	19.2
CA 41C	3	15M	41515	1	0	10M	41395	1	49	20.6	19.22
CA 41C	3	15M	39725	1	0	10M	39845	1	49	20.6	15.84
CA 41C	9	20M	41490	1	99	20M	41292	1	0	18.6	15.56
CA 41C	9	20M	41490	1	99	15M	41319	1	0	18.6	15.64
CA 41C	9	20M	41490	1	99	10M	41346	1	0	18.6	15.6
CA 41C	9	20M	41490	1	99	5M	41373	1	0	18.6	15.63
CA 41C	9	20M	39750	1	99	5M	39867	1	0	18.6	17.39
CA 41C	9	20M	39750	1	99	20M	39948	1	0	18.6	17.38
CA 41C	9	20M	39750	1	99	15M	39921	1	0	18.6	17.35
CA 41C	9	20M	39750	1	99	10M	39894	1	0	18.6	17.41
CA 41C	9	15M	41515	1	74	15M	41365	1	0	18.6	15.57
CA 41C	9	15M	41515	1	74	10M	41395	1	0	18.6	15.66
CA 41C	9	15M	39725	1	74	10M	39845	1	0	18.6	17.4
CA 41C	9	20M	41490	1	0	20M	41292	1	99	18.6	17.25
CA 41C	9	20M	41490	1	0	15M	41319	1	74	18.6	17.2
CA 41C	9	20M	41490	1	0	10M	41346	1	49	18.6	17.21
CA 41C	9	20M	39750	1	0	5M	39867	1	24	18.6	15.94
CA 41C	9	20M	41490	1	0	5M	41373	1	24	18.6	17.17
CA 41C	9	20M	39750	1	0	20M	39948	1	99	18.6	15.9
CA 41C	9	20M	39750	1	0	15M	39921	1	74	18.6	15.88
CA 41C	9	20M	39750	1	0	10M	39894	1	49	18.6	15.93
CA 41C	9	15M	41515	1	0	15M	41365	1	74	18.6	17.17
CA 41C	9	15M	41515	1	0	10M	41395	1	49	18.6	17.18
CA 41C	9	15M	39725	1	0	10M	39845	1	49	18.6	15.88
CA 41C	13	20M	41490	1	99	20M	41292	1	0	15.4	14
CA 41C	13	20M	41490	1	99	15M	41319	1	0	15.4	14.03
CA 41C	13	20M	41490	1	99	10M	41346	1	0	15.4	14.02
CA 41C	13	20M	41490	1	99	5M	41373	1	0	15.4	14.07
CA 41C	13	20M	39750	1	99	5M	39867	1	0	15.4	14.17
CA 41C	13	20M	39750	1	99	20M	39948	1	0	15.4	14.16
CA 41C	13	20M	39750	1	99	15M	39921	1	0	15.4	14.18
CA 41C	13	20M	39750	1	99	10M	39894	1	0	15.4	14.38
CA 41C	13	15M	41515	1	74	15M	41365	1	0	15.4	14.06
CA 41C	13	15M	41515	1	74	10M	41395	1	0	15.4	14.08
CA 41C	13	15M	39725	1	74	10M	39845	1	0	15.4	14.24
CA 41C	13	20M	41490	1	0	20M	41292	1	99	15.4	14.10
CA 41C	13	20M	41490	1	0	15M	41319	1	74	15.4	14.07
CA 41C	13	20M	41490	1	0	10M	41346	1	49	15.4	14.08
CA 41C	13	20M	39750	1	0	5M	39867	1	24	15.4	14.34
CA 41C	13	20M	41490	1	0	5M	41373	1	24	15.4	14.01
CA 41C	13	20M	39750	1	0	20M	39948	1	99	15.4	14.28
CA 41C	13	20M	39750	1	0	15M	39921	1	74	15.4	14.25
CA 41C	13	20M	39750	1	0	10M	39894	1	49	15.4	14.3
CA 41C	13	15M	41515	1	0	15M	41365	1	74	15.4	14.04
CA 41C	13	15M	41515	1	0	10M	41395	1	49	15.4	14.03
CA 41C	13	15M	39725	1	0	10M	39845	1	49	15.4	14.36

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LTE Carrier Aggregation Conducted Power (Downlink)

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

Maximum Output Powers

DL LTE CA Class	PCC						SCC1			SCC2			Power		
	PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC UL Channel	PCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	Rel 8 LTETx Power(dBm)	Rel 10 DL LTE CA Tx Power(dBm)	Tune-up
2C	2	20	1	99	18700	700	2	5	817	\	\	\	22.43	22.2	24
5B	5	10	1	24	20450	2450	5	5	2522	\	\	\	24.44	23.5	25.5
7C	7	20	1	99	20850	2850	7	10	2994	\	\	\	21.28	21.08	22.2
12B	12	10	1	49	23130	5130	12	5	5058	\	\	\	24.47	24.29	25
38C	38	20	1	99	37850	37850	38	20	38048	\	\	\	23.74	23.61	24.8
41C	41	20	1	49	41490	41490	41	5	41373	\	\	\	23.58	23.38	24.6
41D	41	20	1	49	41490	41490	41	10	41190	41	15	41319	23.58	23.5	24.6
66C	66	20	1	99	132072	66536	66	10	66680	\	\	\	23.44	22.39	24.5
4A-4A	4	20	1	99	20050	2050	4	10	2350	\	\	\	23.17	23.36	24.5
7A-7A	7	20	1	49	21100	3100	7	10	3400	\	\	\	21.05	21.22	22.2
41A-41A	41	20	1	49	41490	41490	41	5	39675	\	\	\	23.58	23.7	24.6
66A-66A	66	20	1	99	132072	66536	66	5	67111	\	\	\	23.44	23.65	24.5
2A-4A	2	20	1	99	18900	900	4	20	2175	\	\	\	22.43	21.43	24
2A-5A	2	20	1	99	18900	900	5	10	2525	\	\	\	22.43	22.25	24
2A-7A	2	20	1	99	18900	900	7	20	3100	\	\	\	22.43	21.6	24
2A-12A	2	20	1	99	18900	900	12	10	5095	\	\	\	22.43	22.61	24
2A-66A	2	20	1	99	18900	900	66	20	66786	\	\	\	22.43	22.18	24
4A-5A	4	20	1	99	20050	2050	5	10	2525	\	\	\	23.17	23.3	24.5
4A-7A	4	20	1	99	20050	2050	7	20	3100	\	\	\	23.17	22.4	24.5
4A-12A	4	20	1	99	20050	2050	12	10	5095	\	\	\	23.17	23.32	24.5
4A-17A	4	20	1	99	20050	2050	17	10	5790	\	\	\	23.17	23.2	24.5
5A-7A	5	10	1	0	20525	2525	7	20	3100	\	\	\	24.56	24.66	25.5
5A-66A	5	10	1	0	20525	2525	66	20	66786	\	\	\	24.56	24.71	25.5
12A-7A	12	10	1	99	23130	5130	7	20	3100	\	\	\	24.47	24.58	25
26A-7A	26	15	1	0	26775	8865	7	20	3100	\	\	\	23.96	23.84	25.5
4A-2A	4	20	1	99	20050	2050	2	20	900	\	\	\	23.17	22.96	24.5
5A-2A	5	10	1	0	20525	2525	2	20	900	\	\	\	24.47	24.7	25.5
7A-2A	7	20	1	99	21100	3100	2	20	900	\	\	\	21.45	21.58	22.2
12A-2A	12	10	1	99	23100	5100	2	20	900	\	\	\	24.47	24.51	25
66A-2A	66	20	1	99	132322	66786	2	20	900	\	\	\	23.46	23.16	24.5
5A-4A	5	10	1	0	20600	2600	4	20	2175	\	\	\	24.47	24.67	25.5
7A-4A	7	20	1	99	21100	3100	4	20	2175	\	\	\	21.45	21.69	22.2
17A-4A	17	10	1	0	23780	5780	4	20	2175	\	\	\	24.36	24.39	25
7A-5A	7	20	1	99	21100	3100	5	10	2525	\	\	\	21.45	21.62	22.2
66A-5A	66	20	1	99	132322	66786	5	10	2525	\	\	\	23.46	23.4	24.5
7A-12A	7	20	1	99	21100	3100	12	10	5095	\	\	\	21.45	21.61	22.2
7A-26A	7	20	1	99	21100	3100	26	15	8865	\	\	\	21.45	21.6	22.2
2A-7C	2	20	1	99	18900	900	7	20	2850	7	10	2994	22.43	22.56	24
4A-7C	4	20	1	99	20050	2050	7	20	2850	7	10	2994	23.17	22.34	24.5
5A-7C	5	10	1	0	20525	2525	7	20	2850	7	10	2994	24.47	24.52	25.5
7C-2A	7	20	1	99	20850	2850	7	10	2994	2	20	900	21.28	21.5	22.2
7C-4A	7	20	1	99	20850	2850	7	10	2994	4	20	2175	21.28	21.4	22.2
7C-5A	7	20	1	99	20850	2850	7	10	2994	5	10	2525	21.28	21.4	22.2

LTE Carrier Aggregation 4x4 MIMO RF Conduction Powers

This device supports downlink 4x4 MIMO operations for some LTE bands. Uplink transmission is limited to a single output stream.

Per May 2017 TCB Workshop Notes, SAR for 4x4 DL MIMO was not needed since the maximum average output power in 4x4 DL MIMO mode was not more than 0.25 dB higher than

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the maximum output power with 4x4 DL MIMO inactive. Additionally, SAR for 4x4 MIMO Downlink Carrier Aggregation was not needed since the maximum average output power in 4x4 MIMO Downlink Carrier Aggregation mode was not more than 0.25 dB higher than the maximum output power with 4x4 MIMO Downlink and downlink carrier aggregation inactive.

Maximum Output Powers

LTE Band	Bandwidth (MHz)	Channel	Modulation	RB size	RB offset	LTE Tx Power(dBm)	4x4 DL MIMO Tx Power(dBm)	Tune-up
7	20	20850	QPSK	1	0	22.42	21.82	23.7
38	20	38000	QPSK	1	99	23.83	23.62	24.8
41	20	41055	QPSK	50	25	23.75	23.77	24.6

DL LTE CA Class	PCC							SCC1				SCC2				Power		
	PCC Band	PCC Bandwidth (MHz)	PCC UL RB size	PCC UL RB offset	PCC UL Channel	PCC DL Channel	DL Ant. Config.	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	DL Ant. Config.	SCC Band	SCC Bandwidth (MHz)	SCC DL Channel	DL Ant. Config.	Rel 8 LTETx Power(dBm)	Rel 10 DL LTE CA Tx Power(dBm)	Tune-up
7C	7	20	1	0	20850	2850	4x4	7	10	2994	4x4	\	\	\	\	22.33	21.47	23.7
38C	38	20	1	99	37850	37850	4x4	38	20	38048	4x4	\	\	\	\	23.74	23.69	24.8
41C	41	20	1	49	41490	41490	4x4	41	5	41373	4x4	\	\	\	\	23.58	23.8	24.6
41D	41	20	1	49	41490	41490	4x4	41	10	41199	4x4	41	15	41319	4x4	23.58	23.82	24.6
7A-7A	7	20	1	0	21350	3350	4x4	7	5	2775	4x4	\	\	\	\	22.33	21.65	23.7
41A-41A	41	20	1	49	41490	41490	4x4	41	5	39675	4x4	\	\	\	\	23.58	23.81	24.6
4A-7A	4	20	1	99	20050	2050	2x2	7	20	3100	4x4	\	\	\	\	23.17	22.3	24.5
5A-7A	5	10	1	0	20525	2525	2x2	7	20	3100	4x4	\	\	\	\	24.47	23.71	25.5
26A-7A	26	15	1	0	26865	8865	2x2	7	20	3100	4x4	\	\	\	\	23.96	23.93	25.5
7A-4A	7	20	1	99	21350	3350	4x4	4	20	2175	2x2	\	\	\	\	21.83	21.58	22.8
7A-5A	7	20	1	0	20850	2850	4x4	5	10	2525	2x2	\	\	\	\	22.42	21.6	23.7
7A-26A	7	20	1	0	20850	2850	4x4	26	15	8865	2x2	\	\	\	\	22.42	21.76	23.7
7C-4A	7	20	1	99	20850	2850	4x4	7	10	2994	4x4	4	20	2175	2x2	21.62	21.1	22.8
7C-5A	7	20	1	0	20850	2850	4x4	7	10	2994	4x4	5	10	2525	2x2	22.42	21.79	23.7
4A-7C	4	20	1	99	20050	2050	2x2	7	20	2850	4x4	7	10	2994	4x4	23.17	21.45	24.5
5A-7C	5	10	1	0	20525	2525	2x2	7	20	2850	4x4	7	10	2994	4x4	24.47	23.58	25.5

12.4 NR 5G Measurement result

According to April 2015 TCB workshop, SAR test exclusion can be applied for testing overlapping 5G NR(FR1) bands as follows:

c) The maximum output power, including tolerance, for the smaller band must be ≤ the larger band to qualify for the SAR test exclusion.

d) The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band.

- NR Band n2 (1850-1910 MHz) is covered by NR Band n25 (1850-1915 MHz)

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.

Uplink RB allocations were used to Table 6.1-1 of the 3GPP TS 138.521-1:

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Channel Bandwidth	SCS(kHz)	OFDM	RB allocation							
			Edge_Full_Left	Edge_Full_Right	Edge_1RB_Left	Edge_1RB_Right	Outer_Full	Inner_Full	Inner_1RB_Left	Inner_1RB_Right
5MHz	15	DFT-s	2@0	2@23	1@0	1@24	25@0	12@6	1@1	1@23
		CP	2@0	2@23	1@0	1@24	25@0	13@6	1@1	1@23
	30	DFT-s	2@0	2@9	1@0	1@10	10@0	5@2[1]	1@1	1@9
		CP	2@0	2@9	1@0	1@10	11@0	5@2[1]	1@1	1@9
	60	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10MHz	15	DFT-s	2@0	2@50	1@0	1@51	50@0	25@12	1@1	1@50
		CP	2@0	2@50	1@0	1@51	52@0	26@13	1@1	1@50
	30	DFT-s	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
		CP	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
	60	DFT-s	2@0	2@9	1@0	1@10	10@0	5@2[1]	1@1	1@9
		CP	2@0	2@9	1@0	1@10	11@0	5@2[1]	1@1	1@9
15MHz	15	DFT-s	2@0	2@77	1@0	1@78	75@0	36@18	1@1	1@77
		CP	2@0	2@77	1@0	1@78	79@0	39@19[1]	1@1	1@77
	30	DFT-s	2@0	2@36	1@0	1@37	36@0	18@9	1@1	1@36
		CP	2@0	2@36	1@0	1@37	38@0	19@9	1@1	1@36
	60	DFT-s	2@0	2@16	1@0	1@17	18@0	9@4	1@1	1@16
		CP	2@0	2@16	1@0	1@17	18@0	9@4	1@1	1@16
20MHz	15	DFT-s	2@0	2@104	1@0	1@105	100@0	50@25	1@1	1@104
		CP	2@0	2@104	1@0	1@105	106@0	53@26	1@1	1@104
	30	DFT-s	2@0	2@49	1@0	1@50	50@0	25@12	1@1	1@49
		CP	2@0	2@49	1@0	1@50	51@0	25@12[1]	1@1	1@49
	60	DFT-s	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
		CP	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
25MHz	15	DFT-s	2@0	2@131	1@0	1@132	128@0	64@32	1@1	1@131
		CP	2@0	2@131	1@0	1@132	133@0	67@33	1@1	1@131
	30	DFT-s	2@0	2@63	1@0	1@64	64@0	32@16	1@1	1@63
		CP	2@0	2@63	1@0	1@64	65@0	33@16	1@1	1@63
	60	DFT-s	2@0	2@29	1@0	1@30	30@0	15@7[1]	1@1	1@29
		CP	2@0	2@29	1@0	1@30	31@0	15@7[1]	1@1	1@29
30MHz	15	DFT-s	2@0	2@158	1@0	1@159	160@0	80@40	1@1	1@158
		CP	2@0	2@158	1@0	1@159	160@0	80@40	1@1	1@158
	30	DFT-s	2@0	2@76	1@0	1@77	75@0	36@18	1@1	1@76
		CP	2@0	2@76	1@0	1@77	78@0	39@19	1@1	1@76
	60	DFT-s	2@0	2@36	1@0	1@37	36@0	18@9	1@1	1@36
		CP	2@0	2@36	1@0	1@37	38@0	19@9	1@1	1@36
40MHz	15	DFT-s	2@0	2@214	1@0	1@215	216@0	108@54	1@1	1@214
		CP	2@0	2@214	1@0	1@215	216@0	108@54	1@1	1@214
	30	DFT-s	2@0	2@104	1@0	1@105	100@0	50@25	1@1	1@104
		CP	2@0	2@104	1@0	1@105	106@0	53@26	1@1	1@104
	60	DFT-s	2@0	2@49	1@0	1@50	50@0	25@12	1@1	1@49
		CP	2@0	2@49	1@0	1@50	51@0	25@12[1]	1@1	1@49
50MHz	15	DFT-s	2@0	2@268	1@0	1@269	270@0	135@67	1@1	1@268
		CP	2@0	2@268	1@0	1@269	270@0	135@67	1@1	1@268
	30	DFT-s	2@0	2@131	1@0	1@132	128@0	64@32	1@1	1@131
		CP	2@0	2@131	1@0	1@132	133@0	67@33	1@1	1@131
	60	DFT-s	2@0	2@63	1@0	1@64	64@0	32@16	1@1	1@63
		CP	2@0	2@63	1@0	1@64	65@0	33@16	1@1	1@63
60MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30	DFT-s	2@0	2@160	1@0	1@161	162@0	81@40	1@1	1@160
		CP	2@0	2@160	1@0	1@161	162@0	81@40	1@1	1@160
	60	DFT-s	2@0	2@77	1@0	1@78	75@0	36@18	1@1	1@77
		CP	2@0	2@77	1@0	1@78	79@0	39@19[1]	1@1	1@77
80MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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	30	DFT-s	2@0	2@215	1@0	1@216	216@0	108@54	1@1	1@215
		CP	2@0	2@215	1@0	1@216	217@0	109@54	1@1	1@215
	60	DFT-s	2@0	2@105	1@0	1@106	100@0	50@25	1@1	1@105
		CP	2@0	2@105	1@0	1@106	107@0	53@26[1]	1@1	1@105
90MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30	DFT-s	2@0	2@243	1@0	1@244	240@0	120@60	1@1	1@243
		CP	2@0	2@243	1@0	1@244	245@0	123@61	1@1	1@243
	60	DFT-s	2@0	2@119	1@0	1@120	120@0	60@30	1@1	1@119
		CP	2@0	2@119	1@0	1@120	121@0	61@30	1@1	1@119
100MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30	DFT-s	2@0	2@271	1@0	1@272	270@0	135@67	1@1	1@271
		CP	2@0	2@271	1@0	1@272	273@0	137@68	1@1	1@271
	60	DFT-s	2@0	2@133	1@0	1@134	135@0	64@32	1@1	1@133
		CP	2@0	2@133	1@0	1@134	135@0	67@33[1]	1@1	1@133
Note 1: The allocated RB number L_{CRB} is ceil(N_{RB}/2) -1 in order to meet Inner RB allocation definition ($RB_{Start,Low} \le RB_{Start} \le RB_{Start,High}$) described in subclause 6.2.2 of TS 38.101-1 [2].										

3GPP MPR for NR:

Table 6.2.2.3-1: Maximum Power Reduction (MPR) for Power 3

Modulation	MPR (dB)		
	Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM PI/2 BPSK	≤ 3.5[1]	≤ 1.2[1]	≤ 0.2[1]
	≤ 0.5[2]		0[2]
DFT-s-OFDM QPSK	≤ 1		0
DFT-s-OFDM 16 QAM	≤ 2		≤ 1
DFT-s-OFDM 64 QAM	≤ 2.5		
DFT-s-OFDM 256 QAM	≤ 4.5		
CP-OFDM QPSK	≤ 3		≤ 1.5
CP-OFDM 16 QAM	≤ 3		≤ 2
CP-OFDM 64 QAM	≤ 3.5		
CP-OFDM 256 QAM	≤ 6.5		
NOTE 1: Applicable for UE operating in TDD mode with PI/2 BPSK modulation and UE indicates support for UE capability *powerBoosting-pi2BPSK* and if the IE *powerBoostPi2BPSK* is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0dB MPR is 26dBm. NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 and if the IE *powerBoostPi2BPSK* is set to 0 and if more than 40% of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.			

Table 6.2.2-2 Maximum power reduction (MPR) for power class 2

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

The maximum output power(Tune-up Limit)=Target power+ Uncertainty

Mode/Band	ANT	Full power（dBm）	DSI1（dBm）	DSI3（dBm）	DSI5（dBm）	DSI9（dBm）	DSI13（dBm）	Uncertainty（dB）
		Pmax	Plimit					
		Target power						

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N7	ANT3	**23.50**	**20.20**	**20.20**	**16.20**	**18.20**	**16.20**	**+1.5/-2**
N7	ANT9	**21.60**	**18.60**	**21.30**	**14.60**	**19.30**	**14.60**	**+1.5/-2**
N7	ANT1	**22.50**	**22.50**	**21.70**	**18.50**	**19.70**	**18.50**	**+1.5/-2**
N7	ANT6	**21.00**	**16.70**	**17.90**	**12.70**	**15.90**	**12.70**	**+1.5/-2**
N38	ANT3	**24.50**	**20.30**	**21.50**	**16.30**	**19.50**	**16.30**	**+1.5/-2**
N38	ANT9	**22.40**	**18.70**	**22.40**	**14.70**	**20.40**	**14.70**	**+1.5/-2**
N38	ANT1	**23.30**	**21.10**	**21.10**	**17.10**	**19.10**	**17.10**	**+1.5/-2**
N38	ANT6	**22.30**	**17.20**	**18.00**	**13.20**	**16.00**	**13.20**	**+1.5/-2**
N41	ANT3	**24.50**	**21.60**	**21.60**	**17.60**	**19.60**	**17.60**	**+1.5/-2**
N41	ANT9	**22.40**	**17.80**	**22.10**	**13.80**	**20.10**	**13.80**	**+1.5/-2**
N41	ANT1	**23.30**	**21.10**	**21.10**	**17.10**	**19.10**	**17.10**	**+1.5/-2**
N41	ANT6	**22.30**	**16.00**	**17.50**	**12.00**	**15.50**	**12.00**	**+1.5/-2**

Measured Pmax for all DSI

N7 ANT3

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	23.30
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	23.54
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	23.33
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	23.26
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	23.43
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	23.24
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	23.52
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	22.55
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	21.01
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	19.99
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	22.98
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	22.54
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	21.47
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	19.03
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	23.12
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	23.00
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	23.06
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	22.94
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	23.46
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	23.39
Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	23.00
Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	22.71
Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	22.5

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N7 ANT9

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	21.21
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	21.32
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	21.25
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	21.18
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	21.22
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	21.14
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	21.21
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	20.18
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.85
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	17.69
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	20.62
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	20.18
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	19.18
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	16.61
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	21.18
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	20.78
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	20.84
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	20.67
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	21.3
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	21.18
Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	20.79
Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	21.22
Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	21.12

N7 ANT1

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	22.10
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	22.21
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	22.16
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	22.04
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	22.16
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	22.01
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	22.18
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	21.32
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	19.68
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.74
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	21.87
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	21.22
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	20.19
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	17.72
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	21.74
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	21.73
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	21.76
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	21.69
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	22.27
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	22.17
Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	21.65
Middle	15	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_50	2535	507000	22.19
Middle	15	15	DFT-s-OFDM QPSK	Inner_1RB_Right	1_77	2535	507000	22.14

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N7 ANT6

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	21.22
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	21.38
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	21.24
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	21.15
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	21.24
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	21.11
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	21.35
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	20.4
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.83
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	17.84
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	20.81
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	20.37
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	19.3
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	16.90
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	20.95
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	20.91
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	20.85
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	20.8
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	21.32
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	21.21
Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	20.84
Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	21.2
Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	21.16

N38 ANT3

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	24.55
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	24.62
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	24.58
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2595	519000	24.55
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2595	519000	23.45
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2595	519000	21.97
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2595	519000	21.00
Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2595	519000	23.94
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2595	519000	23.52
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2595	519000	22.46
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2595	519000	20.03
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2595	519000	23.95
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	24.09
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2595	519000	23.98
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	24.06
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2595	519000	24.44
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	24.62
Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2595	519000	24.08

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N38 ANT9

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	22.66
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	22.70
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	22.61
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2595	519000	22.68
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2595	519000	21.57
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2595	519000	20.09
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2595	519000	19.10
Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2595	519000	21.56
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2595	519000	21.33
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2595	519000	20.37
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2595	519000	18.21
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2595	519000	22.07
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	519000	22.16
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2595	519000	22.11
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	519000	22.14
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2595	519000	22.66
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	519000	22.65
Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2595	519000	22.09

N38 ANT1

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	23.70
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	23.97
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	23.75
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2595	519000	24.01
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2595	519000	22.91
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2595	519000	21.41
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2595	519000	20.43
Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2595	519000	23.28
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2595	519000	22.96
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2595	519000	21.81
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2595	519000	19.46
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2595	519000	23.38
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2595	519000	23.52
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2595	519000	23.43
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2595	519000	23.52
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2595	519000	23.91
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2595	519000	24.04
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2595	519000	23.53

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N38 ANT6

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	22.62
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	22.74
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	22.59
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2595	519000	22.80
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2595	519000	21.66
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2595	519000	20.17
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2595	519000	19.19
Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2595	519000	21.99
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2595	519000	21.72
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2595	519000	20.52
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2595	519000	18.19
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2595	519000	22.23
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2595	519000	22.32
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2595	519000	22.24
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2595	519000	22.28
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2595	519000	22.78
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2595	519000	22.84
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2595	519000	22.24

N41 ANT3

Test Freq Description	5G-n41								Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	26.00	24.92
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	26.00	24.26
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	26.00	24.82
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	26.00	24.72
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	26.00	24.76
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	26.00	24.48
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	26.00	24.76
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	26.00	24.70
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	26.00	24.73
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	26.00	24.66
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2679.99	535998	26.00	24.95
Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	25.00	23.81
Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	23.50	22.35
Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	22.50	21.36
Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2679.99	535998	25.50	24.36
Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	25.00	23.85
Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	24.00	22.85
Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	21.50	20.24
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2679.99	535998	25.50	24.35
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2679.99	535998	25.50	24.39
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2679.99	535998	25.50	24.29
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2679.99	535998	25.50	24.35
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2679.99	535998	26.00	24.88
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2679.99	535998	26.00	25.01
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2679.99	535998	25.50	24.39
Middle2	30	40	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2592.99	518598	26.00	24.88
Middle2	30	50	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2592.99	518598	26.00	24.85
Middle2	30	60	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2592.99	518598	26.00	24.79
Middle2	30	80	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2592.99	518598	26.00	24.79
Middle2	30	90	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2592.99	518598	26.00	24.76

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N41 ANT9

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	20.09
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	22.08
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	20.46
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	21.71
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	21.11
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	22.55
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	21.69
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	21.48
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	22.10
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	21.93
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2679.99	535998	22.81
Middle3	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	22.10
Middle3	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	20.53
Middle3	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	19.51
Middle3	30	20	CP-OFDM QPSK	Inner_Full	25_12	2679.99	535998	21.53
Middle3	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	21.17
Middle3	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	20.56
Middle3	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	18.53
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2679.99	535998	18.36
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2679.99	535998	21.47
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2679.99	535998	18.07
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2679.99	535998	21.39
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2679.99	535998	18.37
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2679.99	535998	21.64
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2679.99	535998	21.77
Middle3	30	40	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2516.01	503202	21.56
Middle3	30	50	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2521.02	504204	21.97
Middle3	30	60	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2526	505200	22.19
Middle3	30	80	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2536.02	507204	22.85
Middle3	30	90	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2541	508200	22.92

N41 ANT1

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	24.04
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	23.95
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	23.94
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	23.80
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	23.79
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	23.87
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	23.79
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	23.80
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	23.78
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	23.75
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2506.02	501204	24.07
Middle3	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2506.02	501204	22.92
Middle3	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2506.02	501204	21.40
Middle3	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2506.02	501204	20.46
Middle3	30	20	CP-OFDM QPSK	Inner_Full	25_12	2506.02	501204	23.49
Middle3	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2506.02	501204	22.97
Middle3	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2506.02	501204	22.12
Middle3	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2506.02	501204	19.46
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2506.02	501204	23.36
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2506.02	501204	23.35
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2506.02	501204	23.28
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2506.02	501204	23.33
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2506.02	501204	23.57
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2506.02	501204	23.89
Middle3	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2506.02	501204	23.56
Middle3	30	40	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2516.01	503202	23.96
Middle3	30	50	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2521.02	504204	23.92
Middle3	30	60	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2526	505200	23.85
Middle3	30	80	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2536.02	507204	23.87
Middle3	30	90	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2541	508200	23.76

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N41 ANT6

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	19.75
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	22.29
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	21.23
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	21.01
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	21.82
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	22.35
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	21.70
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	21.52
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	21.87
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	21.06
Middle3	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135_67	2640	528000	22.56
Middle3	30	100	DFT-s-OFDM 16QAM	Inner_Full	135_67	2640	528000	21.57
Middle3	30	100	DFT-s-OFDM 64QAM	Inner_Full	135_67	2640	528000	20.52
Middle3	30	100	DFT-s-OFDM 256QAM	Inner_Full	135_67	2640	528000	19.48
Middle3	30	100	CP-OFDM QPSK	Inner_Full	135_67	2640	528000	21.06
Middle3	30	100	CP-OFDM 16QAM	Inner_Full	135_67	2640	528000	20.80
Middle3	30	100	CP-OFDM 64QAM	Inner_Full	135_67	2640	528000	20.01
Middle3	30	100	CP-OFDM 256QAM	Inner_Full	135_67	2640	528000	18.34
Middle3	30	100	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_272	2640	528000	18.08
Middle3	30	100	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2640	528000	21.71
Middle3	30	100	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_271	2640	528000	17.94
Middle3	30	100	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2640	528000	21.60
Middle3	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_271	2640	528000	18.28
Middle3	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2640	528000	21.91
Middle3	30	100	DFT-s-OFDM PI/2 BPSK1	Outer_Full	270_0	2640	528000	21.76
Middle3	30	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	2670	534000	20.67
Middle3	30	50	DFT-s-OFDM PI/2 BPSK1	Inner_Full	64_32	2664.99	532998	21.20
Middle3	30	60	DFT-s-OFDM PI/2 BPSK1	Inner_Full	81_41	2659.98	531996	21.53
Middle3	30	80	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2649.99	529998	22.63
Middle3	30	90	DFT-s-OFDM PI/2 BPSK1	Inner_Full	120_60	2644.98	528996	22.76

Measured Plimit for DSI1

N7 ANT3

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	20.25
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	20.48
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	20.39
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	20.11
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	20.34
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	20.30
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	20.34
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	20.31
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	20.39
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	20.11
Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	20.21
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	20.36
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	20.26
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	19.08
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1@24	2535	507000	20.35
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2535	507000	20.36
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2@23	2535	507000	20.33
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535	507000	20.31
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1@23	2535	507000	20.41
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2535	507000	20.29
Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25@0	2535	507000	20.20
Middle	15	10	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535	507000	20.25
Middle	15	15	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535	507000	20.21

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N7 ANT9

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	18.37
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	18.45
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	18.35
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	18.21
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	18.32
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	18.24
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	18.44
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	18.43
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	18.47
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	17.95
Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	18.21
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	18.33
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	18.26
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	16.60
Middle	15	5	DFT-s-OFDM 64QAM	Edge_1RB_Right	1@24	2535	507000	18.57
Middle	15	5	DFT-s-OFDM 64QAM	Edge_1RB_Left	1@0	2535	507000	18.49
Middle	15	5	DFT-s-OFDM 64QAM	Edge_Full_Right	2@23	2535	507000	18.34
Middle	15	5	DFT-s-OFDM 64QAM	Edge_Full_Left	2@0	2535	507000	18.29
Middle	15	5	DFT-s-OFDM 64QAM	Inner_1RB_Right	1@23	2535	507000	18.53
Middle	15	5	DFT-s-OFDM 64QAM	Inner_1RB_Left	1@1	2535	507000	18.51
Middle	15	5	DFT-s-OFDM 64QAM	Outer_Full	25@0	2535	507000	18.34
Middle	15	10	DFT-s-OFDM 64QAM	Edge_Full_Right	2@50	2535	507000	18.43
Middle	15	15	DFT-s-OFDM 64QAM	Edge_Full_Right	2@77	2535	507000	18.35

N7 ANT1

=Full power

N7 ANT6

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	17.05
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	17.46
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	17.23
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	17.07
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	17.16
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	17.11
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	17.23
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	17.18
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	17.22
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	17.2
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	17.02
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	17.19
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	17.13
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	16.95
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	17.24
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	17.20
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	17.18
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	17.15
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	17.24
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	17.21
Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	17.17
Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	17.15
Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	17.09

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N38 ANT3

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	20.04
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	19.99
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	20.15
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	2580	516000	20.15
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2580	516000	20.18
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2580	516000	20.13
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2580	516000	20.08
Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2580	516000	20.07
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2580	516000	20.02
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2580	516000	19.42
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2580	516000	19.61
Middle	30	20	DFT-s-OFDM 16QAM	Edge_1RB_Right	1@50	2580	516000	19.64
Middle	30	20	DFT-s-OFDM 16QAM	Edge_1RB_Left	1@0	2580	516000	19.77
Middle	30	20	DFT-s-OFDM 16QAM	Edge_Full_Right	2@49	2580	516000	19.20
Middle	30	20	DFT-s-OFDM 16QAM	Edge_Full_Left	2@0	2580	516000	19.49
Middle	30	20	DFT-s-OFDM 16QAM	Inner_1RB_Right	1@49	2580	516000	19.99
Middle	30	20	DFT-s-OFDM 16QAM	Inner_1RB_Left	1@1	2580	516000	20.11
Middle	30	20	DFT-s-OFDM 16QAM	Outer_Full	50@0	2580	516000	19.55

N38 ANT9

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	18.86
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	18.92
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	18.88
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	2595	519000	18.98
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2595	519000	18.94
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2595	519000	18.93
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2595	519000	19.02
Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2595	519000	18.96
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2595	519000	18.93
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2595	519000	18.98
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2595	519000	17.93
Middle	30	20	DFT-s-OFDM 256QAM	Edge_1RB_Right	1@50	2595	519000	19.00
Middle	30	20	DFT-s-OFDM 256QAM	Edge_1RB_Left	1@0	2595	519000	19.08
Middle	30	20	DFT-s-OFDM 256QAM	Edge_Full_Right	2@49	2595	519000	18.95
Middle	30	20	DFT-s-OFDM 256QAM	Edge_Full_Left	2@0	2595	519000	18.93
Middle	30	20	DFT-s-OFDM 256QAM	Inner_1RB_Right	1@49	2595	519000	19.05
Middle	30	20	DFT-s-OFDM 256QAM	Inner_1RB_Left	1@1	2595	519000	19.12
Middle	30	20	DFT-s-OFDM 256QAM	Outer_Full	50@0	2595	519000	18.95

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N38 ANT1

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	21.70
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	21.74
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	21.83
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	2580	516000	21.89
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2580	516000	21.80
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2580	516000	21.46
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2580	516000	20.53
Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2580	516000	21.84
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2580	516000	21.81
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2580	516000	21.86
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2580	516000	19.44
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1@50	2580	516000	21.79
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1@0	2580	516000	21.88
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2@49	2580	516000	21.84
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2@0	2580	516000	21.99
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1@49	2580	516000	21.83
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1@1	2580	516000	21.93
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50@0	2580	516000	21.82

N38 ANT6

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	17.68
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	17.73
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	17.71
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	2595	519000	17.65
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2595	519000	17.60
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2595	519000	17.56
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2595	519000	17.57
Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2595	519000	17.59
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2595	519000	17.54
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2595	519000	17.60
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2595	519000	17.57
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2595	519000	17.67
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2595	519000	17.76
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2595	519000	17.60
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595	519000	17.68
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2595	519000	17.65
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2595	519000	17.74
Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2595	519000	17.63

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N41 ANT3

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	21.98
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	21.65
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	21.60
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	21.62
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	21.82
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	21.52
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	21.45
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	21.41
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	21.42
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	21.55
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2679.99	535998	22.02
Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	21.82
Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	21.94
Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	20.85
Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2679.99	535998	21.93
Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	21.69
Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	21.20
Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	20.21
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2679.99	535998	21.95
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2679.99	535998	21.99
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2679.99	535998	21.95
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2679.99	535998	21.94
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2679.99	535998	22.01
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2679.99	535998	21.99
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2679.99	535998	21.94
Middle2	30	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	2670	534000	21.94
Middle2	30	50	DFT-s-OFDM PI/2 BPSK1	Inner_Full	64_32	2664.99	532998	21.88
Middle2	30	60	DFT-s-OFDM PI/2 BPSK1	Inner_Full	81_40	2659.98	531996	21.84
Middle2	30	80	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2649.99	529998	21.60
Middle2	30	90	DFT-s-OFDM PI/2 BPSK1	Inner_Full	120_60	2644.98	528996	21.57

N41 ANT9

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	18.24
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	18.11
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	18.06
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	17.90
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	17.88
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	18.01
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	17.93
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	17.88
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	17.78
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	17.76
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2679.99	535998	18.33
Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	18.09
Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	18.21
Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	17.54
Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2679.99	535998	18.23
Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	18.18
Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	18.28
Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	18.14
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2679.99	535998	18.28
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2679.99	535998	18.27
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2679.99	535998	18.19
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2679.99	535998	18.20
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2679.99	535998	18.16
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2679.99	535998	18.28
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2679.99	535998	18.27
Middle2	30	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	2670	534000	18.29
Middle2	30	50	DFT-s-OFDM PI/2 BPSK1	Inner_Full	64_32	2664.99	532998	18.25
Middle2	30	60	DFT-s-OFDM PI/2 BPSK1	Inner_Full	81_40	2659.98	531996	18.24
Middle2	30	80	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2649.99	529998	18.18
Middle2	30	90	DFT-s-OFDM PI/2 BPSK1	Inner_Full	120_60	2644.98	528996	18.16

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N41 ANT1

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	21.91
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	21.72
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	21.79
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	21.87
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	21.87
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	21.61
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	21.56
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	21.60
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	21.59
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	21.66
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2679.99	535998	22.03
Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	21.93
Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	21.62
Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	20.55
Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2679.99	535998	21.92
Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	21.91
Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	21.47
Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	19.60
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2679.99	535998	22.07
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2679.99	535998	21.03
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2679.99	535998	21.79
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2679.99	535998	21.94
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2679.99	535998	21.27
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2679.99	535998	22.05
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2679.99	535998	21.87
Middle2	30	40	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_105	2670	534000	21.19
Middle2	30	50	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_132	2664.99	532998	21.24
Middle2	30	60	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_161	2659.98	531996	21.32
Middle2	30	80	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_216	2649.99	529998	21.26
Middle2	30	90	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_244	2644.98	528996	21.24

N41 ANT6

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	15.85
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	15.86
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	15.68
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	15.88
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	15.98
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	15.53
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	15.64
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	15.50
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	15.59
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	15.68
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2506.02	501204	16.12
Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2506.02	501204	15.84
Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2506.02	501204	15.89
Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2506.02	501204	16.08
Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2506.02	501204	16.01
Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2506.02	501204	15.90
Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2506.02	501204	15.89
Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2506.02	501204	15.89
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2506.02	501204	15.83
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2506.02	501204	15.96
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2506.02	501204	15.84
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2506.02	501204	15.90
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2506.02	501204	16.08
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2506.02	501204	15.96
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2506.02	501204	16.10
Middle2	30	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	2516.01	503202	16.01
Middle2	30	50	DFT-s-OFDM PI/2 BPSK1	Inner_Full	64_32	2521.02	504204	15.89
Middle2	30	60	DFT-s-OFDM PI/2 BPSK1	Inner_Full	81_40	2526	505200	15.88
Middle2	30	80	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2536.02	507204	15.82
Middle2	30	90	DFT-s-OFDM PI/2 BPSK1	Inner_Full	120_60	2541	508200	15.98

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Measured Plimit for DSI3

N7 ANT3

=DSI 1

N7 ANT9

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	20.91
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	21.05
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	20.99
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	20.92
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	21.01
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	20.93
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	21.00
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	20.62
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	19.11
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	18.09
Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	20.66
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	20.39
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	19.02
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	16.51
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1@24	2535	507000	20.85
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2535	507000	20.80
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2@23	2535	507000	20.84
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535	507000	20.81
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1@23	2535	507000	21.00
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2535	507000	20.94
Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25@0	2535	507000	20.81
Middle	15	10	DFT-s-OFDM QPSK	Edge_Full_Right	2@50	2535	507000	20.87
Middle	15	15	DFT-s-OFDM QPSK	Edge_Full_Right	2@77	2535	507000	20.80

N7 ANT1

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	21.27
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535	507000	21.41
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	21.36
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2560	512000	21.28
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2535	507000	21.39
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	2510	502000	21.29
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12@6	2535	507000	21.52
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12@6	2535	507000	21.33
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12@6	2535	507000	19.75
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12@6	2535	507000	18.80
Middle	15	5	CP-OFDM QPSK	Inner_Full	12@6	2535	507000	21.31
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12@6	2535	507000	21.21
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12@6	2535	507000	20.22
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12@6	2535	507000	17.77
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1@24	2535	507000	21.46
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1@0	2535	507000	21.42
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2@23	2535	507000	21.44
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2@0	2535	507000	21.39
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1@23	2535	507000	21.45
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1@1	2535	507000	21.41
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Outer_Full	25@0	2535	507000	21.38
Middle	15	10	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2@50	2535	507000	21.46
Middle	15	15	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2@77	2535	507000	21.37

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N7 ANT6

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	18.13
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	18.33
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	18.31
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	18.23
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	18.29
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	18.21
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	18.23
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	18.27
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.24
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	17.82
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	18.22
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	18.24
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.09
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	16.80
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	18.17
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	18.20
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	18.24
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	18.16
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	18.14
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	18.13
Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	18.23
Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	18.28
Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	507000	18.15

N38 ANT3

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	21.18
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	21.21
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	21.30
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	2580	516000	21.37
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2580	516000	21.17
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2580	516000	21.18
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2580	516000	20.94
Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2580	516000	21.27
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2580	516000	21.23
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2580	516000	21.23
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2580	516000	20.72
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1@50	2580	516000	21.40
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1@0	2580	516000	21.37
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2@49	2580	516000	21.18
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2@0	2580	516000	21.46
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1@49	2580	516000	21.22
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1@1	2580	516000	21.54
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50@0	2580	516000	21.33

N38 ANT9

=Full Power

N38 ANT1

=DSI 1

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N38 ANT6

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2610	522000	18.40
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595	519000	18.53
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2580	516000	18.50
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25@12	2595	519000	18.45
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25@12	2595	519000	18.33
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25@12	2595	519000	18.36
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25@12	2595	519000	18.40
Middle	30	20	CP-OFDM QPSK	Inner_Full	25@12	2595	519000	18.44
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25@12	2595	519000	18.43
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25@12	2595	519000	18.47
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25@12	2595	519000	18.29
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1@50	2595	519000	18.35
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1@0	2595	519000	18.52
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@49	2595	519000	18.39
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595	519000	18.48
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@49	2595	519000	18.43
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2595	519000	18.49
Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50@0	2595	519000	18.44

N41 ANT3

=DSI 1

N41 ANT9

No.	Test Freq Description	5G-n41							Tune up	Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.		n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	23.60	19.99
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	23.60	21.98
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	23.60	20.36
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	23.60	21.51
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	23.60	21.01
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	23.60	22.45
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	23.60	21.59
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	23.60	21.38
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	23.60	22.00
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	23.60	21.83
1	High	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135_67	2640	528000	23.60	22.71
2	High	30	100	DFT-s-OFDM 16QAM	Inner_Full	135_67	2640	528000	22.60	22.00
3	High	30	100	DFT-s-OFDM 64QAM	Inner_Full	135_67	2640	528000	21.10	20.43
4	High	30	100	DFT-s-OFDM 256QAM	Inner_Full	135_67	2640	528000	20.10	19.41
5	High	30	100	CP-OFDM QPSK	Inner_Full	135_67	2640	528000	23.30	21.33
6	High	30	100	CP-OFDM 16QAM	Inner_Full	135_67	2640	528000	22.60	21.07
7	High	30	100	CP-OFDM 64QAM	Inner_Full	135_67	2640	528000	21.60	20.36
8	High	30	100	CP-OFDM 256QAM	Inner_Full	135_67	2640	528000	19.10	18.33
9	High	30	100	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_272	2679.99	535998	23.10	18.16
10	High	30	100	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2679.99	535998	23.10	21.37
11	High	30	100	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_271	2679.99	535998	23.10	17.87
12	High	30	100	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2679.99	535998	23.10	21.29
13	High	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_271	2679.99	535998	23.60	18.17
14	High	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2679.99	535998	23.60	21.54
15	High	30	100	DFT-s-OFDM PI/2 BPSK1	Outer_Full	270_0	2679.99	535998	23.10	21.67
16	High	30	40	DFT-s-OFDM PI/2 BPSK1	Inner_Full	50_25	2670	534000	23.60	21.46
17	High	30	50	DFT-s-OFDM PI/2 BPSK1	Inner_Full	64_32	2664.99	532998	23.60	21.87
18	High	30	60	DFT-s-OFDM PI/2 BPSK1	Inner_Full	81_41	2659.98	531996	23.60	22.09
19	High	30	80	DFT-s-OFDM PI/2 BPSK1	Inner_Full	108_54	2649.99	529998	23.60	22.75
20	High	30	90	DFT-s-OFDM PI/2 BPSK1	Inner_Full	120_60	2644.98	528996	23.60	22.72
21	High	30	80	CP-OFDM QPSK	Inner_Full	135_67	2640	528000	23.30	21.46

N41 ANT1

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N41 ANT6

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	19.00	17.31
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	19.00	17.17
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	19.00	17.17
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	19.00	17.23
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	19.00	17.52
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	19.00	17.09
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	19.00	17.00
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	19.00	17.01
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	19.00	17.05
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	19.00	17.05
1	Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2506.02	501204	19.00	17.47
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2506.02	501204	19.00	17.41
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2506.02	501204	19.00	17.33
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2506.02	501204	19.00	17.41
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2506.02	501204	19.00	17.44
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2506.02	501204	19.00	17.43
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2506.02	501204	19.00	17.39
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2506.02	501204	19.00	17.29
9	Middle2	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2506.02	501204	19.00	17.37
10	Middle2	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2506.02	501204	19.00	17.46
11	Middle2	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2506.02	501204	19.00	17.26
12	Middle2	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2506.02	501204	19.00	17.40
13	Middle2	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2506.02	501204	19.00	17.42
14	Middle2	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2506.02	501204	19.00	17.51
15	Middle2	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2506.02	501204	19.00	17.47
16	Middle2	30	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2516.01	503202	19.00	17.57
17	Middle2	30	50	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2521.02	504204	19.00	17.46
18	Middle2	30	60	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2526	505200	19.00	17.35
19	Middle2	30	80	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2536.02	507204	19.00	17.17
20	Middle2	30	90	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2541	508200	19.00	17.15
21	Middle2	30	40	CP-OFDM QPSK	Inner_Full	50_25	2516.01	503202	19.00	17.41

Measured Plimit for DSI9

N7 ANT3

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	18.06
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	18.25
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	18.24
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	18.09
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	18.23
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	18.21
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	18.27
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	18.34
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.24
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.26
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	18.28
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	18.30
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.13
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.24
Middle	15	5	DFT-s-OFDM 16QAM	Edge_1RB_Right	1_24	2535	507000	18.66
Middle	15	5	DFT-s-OFDM 16QAM	Edge_1RB_Left	1_0	2535	507000	18.63
Middle	15	5	DFT-s-OFDM 16QAM	Edge_Full_Right	2_23	2535	507000	18.40
Middle	15	5	DFT-s-OFDM 16QAM	Edge_Full_Left	2_0	2535	507000	18.27
Middle	15	5	DFT-s-OFDM 16QAM	Inner_1RB_Right	1_23	2535	507000	18.71
Middle	15	5	DFT-s-OFDM 16QAM	Inner_1RB_Left	1_1	2535	507000	18.74
Middle	15	5	DFT-s-OFDM 16QAM	Outer_Full	25_0	2535	507000	18.16
Middle	15	10	DFT-s-OFDM 16QAM	Inner_1RB_Left	1_1	2535	507000	18.26
Middle	15	15	DFT-s-OFDM 16QAM	Inner_1RB_Left	1_1	2535	507000	18.23

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N7 ANT9

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	19.07
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	19.22
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	19.03
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	19.10
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	19.18
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	18.95
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	19.19
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	19.08
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.88
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	17.83
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	18.99
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	19.02
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.88
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	16.60
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	19.09
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	19.02
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	19.10
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	19.05
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	19.04
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	18.98
Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	19.02
Middle	15	10	DFT-s-OFDM QPSK	Inner_Full	25_12	2535	507000	19.12
Middle	15	15	DFT-s-OFDM QPSK	Inner_Full	36_18	2535	512500	18.99

N7 ANT1

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	19.41
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	19.59
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	19.54
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	19.40
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	19.55
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	19.45
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	19.51
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	19.60
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	19.56
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.84
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	19.43
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	19.55
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	19.29
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	17.82
Middle	15	5	DFT-s-OFDM 16QAM	Edge_1RB_Right	1_24	2535	507000	19.74
Middle	15	5	DFT-s-OFDM 16QAM	Edge_1RB_Left	1_0	2535	507000	19.67
Middle	15	5	DFT-s-OFDM 16QAM	Edge_Full_Right	2_23	2535	507000	19.21
Middle	15	5	DFT-s-OFDM 16QAM	Edge_Full_Left	2_0	2535	507000	19.20
Middle	15	5	DFT-s-OFDM 16QAM	Inner_1RB_Right	1_23	2535	507000	19.61
Middle	15	5	DFT-s-OFDM 16QAM	Inner_1RB_Left	1_1	2535	507000	19.59
Middle	15	5	DFT-s-OFDM 16QAM	Outer_Full	25_0	2535	507000	19.42
Middle	15	10	DFT-s-OFDM 16QAM	Edge_1RB_Right	2_50	2565	507000	19.52
Middle	15	15	DFT-s-OFDM 16QAM	Edge_1RB_Right	2_77	2562.5	507000	19.38

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N7 ANT6

High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	16.23
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	16.41
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	16.39
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	16.18
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	16.33
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	16.27
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	16.38
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	16.43
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	16.39
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	16.35
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	16.27
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	16.29
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	16.24
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	16.19
Middle	15	5	DFT-s-OFDM 16QAM	Edge_1RB_Right	1_24	2535	507000	16.23
Middle	15	5	DFT-s-OFDM 16QAM	Edge_1RB_Left	1_0	2535	507000	16.16
Middle	15	5	DFT-s-OFDM 16QAM	Edge_Full_Right	2_23	2535	507000	16.10
Middle	15	5	DFT-s-OFDM 16QAM	Edge_Full_Left	2_0	2535	507000	15.96
Middle	15	5	DFT-s-OFDM 16QAM	Inner_1RB_Right	1_23	2535	507000	16.21
Middle	15	5	DFT-s-OFDM 16QAM	Inner_1RB_Left	1_1	2535	507000	16.11
Middle	15	5	DFT-s-OFDM 16QAM	Outer_Full	25_0	2535	507000	16.19
Middle	15	10	DFT-s-OFDM 16QAM	Inner_Full	25_12	2565	507000	16.18
Middle	15	15	DFT-s-OFDM 16QAM	Inner_Full	36_18	2562.5	507000	16.22

N38 ANT3

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	19.15
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	19.24
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	19.29
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2580	516000	19.24
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2580	516000	19.26
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2580	516000	19.24
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2580	516000	19.17
Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2580	516000	19.22
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2580	516000	19.18
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2580	516000	19.20
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2580	516000	19.20
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2580	516000	19.23
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2580	516000	19.36
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2580	516000	19.21
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2580	516000	19.32
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2580	516000	19.28
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2580	516000	19.35
Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2580	516000	19.24

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N38 ANT9

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	20.65
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	20.74
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	20.81
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2595	516000	20.75
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2595	516000	20.68
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2595	516000	20.24
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2595	516000	19.13
Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2595	516000	20.70
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2595	516000	20.72
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2595	516000	19.86
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2595	516000	17.77
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2595	516000	20.73
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2595	516000	20.80
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2595	516000	20.75
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2595	516000	20.76
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2595	516000	20.78
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2595	516000	20.79
Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2595	516000	20.70

N38 ANT1

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	19.64
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	19.75
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	19.82
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2580	516000	19.83
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2580	516000	19.74
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2580	516000	19.79
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2580	516000	19.81
Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2580	516000	19.73
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2580	516000	19.82
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2580	516000	19.78
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2580	516000	19.51
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2580	516000	19.78
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2580	516000	19.88
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2580	516000	19.74
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2580	516000	19.83
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2580	516000	19.76
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2580	516000	19.91
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2580	516000	19.81

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N38 ANT6

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	16.42
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	16.48
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	16.62
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2580	516000	16.59
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2580	516000	16.53
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2580	516000	16.51
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2580	516000	16.56
Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2580	516000	16.58
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2580	516000	16.59
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2580	516000	16.56
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2580	516000	16.38
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2580	516000	16.54
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2580	516000	16.73
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2580	516000	16.57
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2580	516000	16.69
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2580	516000	16.53
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2580	516000	16.71
Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2580	516000	16.57

N41 ANT3

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	19.66
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	19.32
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	19.34
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	19.30
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	19.44
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	19.34
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	19.23
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	19.27
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	19.31
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	19.32
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2679.99	535998	19.76
Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	19.67
Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	19.72
Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	19.75
Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2679.99	535998	19.72
Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	19.90
Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	19.86
Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	19.72
Middle2	30	20	CP-OFDM 16QAM	Edge_1RB_Right	1_50	2679.99	535998	19.80
Middle2	30	20	CP-OFDM 16QAM	Edge_1RB_Left	1_0	2679.99	535998	19.62
Middle2	30	20	CP-OFDM 16QAM	Edge_Full_Right	2_49	2679.99	535998	19.74
Middle2	30	20	CP-OFDM 16QAM	Edge_Full_Left	2_0	2679.99	535998	19.64
Middle2	30	20	CP-OFDM 16QAM	Inner_1RB_Right	1_49	2679.99	535998	19.76
Middle2	30	20	CP-OFDM 16QAM	Inner_1RB_Left	1_1	2679.99	535998	19.65
Middle2	30	20	CP-OFDM 16QAM	Outer_Full	50_0	2679.99	535998	19.89
Middle2	30	40	CP-OFDM 16QAM	Inner_Full	50_25	2670	534000	19.69
Middle2	30	50	CP-OFDM 16QAM	Inner_Full	64_32	2664.99	532998	19.58
Middle2	30	60	CP-OFDM 16QAM	Inner_Full	81_40	2659.98	531996	19.52
Middle2	30	80	CP-OFDM 16QAM	Inner_Full	108_54	2649.99	529998	19.55
Middle2	30	90	CP-OFDM 16QAM	Inner_Full	120_60	2644.98	528996	19.49

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N41 ANT9

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	19.62
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	20.59
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	20.34
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	20.10
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	19.89
High	30		DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	20.66
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	20.62
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	20.22
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	20.09
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	19.90
Middle2	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_Full	135_67	2640	528000	20.71
Middle2	30	100	DFT-s-OFDM 16QAM	Inner_Full	135_67	2640	528000	20.66
Middle2	30	100	DFT-s-OFDM 64QAM	Inner_Full	135_67	2640	528000	20.46
Middle2	30	100	DFT-s-OFDM 256QAM	Inner_Full	135_67	2640	528000	19.42
Middle2	30	100	CP-OFDM QPSK	Inner_Full	135_67	2640	528000	20.61
Middle2	30	100	CP-OFDM 16QAM	Inner_Full	135_67	2640	528000	20.57
Middle2	30	100	CP-OFDM 64QAM	Inner_Full	135_67	2640	528000	20.58
Middle2	30	100	CP-OFDM 256QAM	Inner_Full	135_67	2640	528000	18.41
Middle2	30	100	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_272	2640	528000	18.44
Middle2	30	100	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2640	528000	20.58
Middle2	30	100	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_271	2640	528000	18.38
Middle2	30	100	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2640	528000	20.48
Middle2	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_271	2640	528000	18.33
Middle2	30	100	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2640	528000	20.73
Middle2	30	100	DFT-s-OFDM PI/2 BPSK1	Outer_Full	270_0	2640	528000	20.62
Middle2	30	40	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2670	534000	21.07
Middle2	30	50	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2664.99	532998	20.86
Middle2	30	60	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2659.98	531996	20.69
Middle2	30	80	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2649.99	529998	20.62
Middle2	30	90	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2644.98	528996	20.58

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N41 ANT1

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	19.98
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	19.73
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	19.76
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	19.63
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	19.57
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	19.76
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	19.78
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	19.58
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	19.62
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	19.56
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2679.99	535998	20.03
Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	19.92
Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	19.88
Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	19.14
Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2679.99	535998	19.93
Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	19.96
Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	18.94
Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	17.36
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2679.99	535998	20.12
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2679.99	535998	20.04
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2679.99	535998	20.06
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2679.99	535998	19.99
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2679.99	535998	20.15
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2679.99	535998	20.02
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2679.99	535998	19.98
Middle2	30	40	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_104	2670	534000	20.18
Middle2	30	50	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_131	2664.99	532998	20.07
Middle2	30	60	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_160	2659.98	531996	20.03
Middle2	30	80	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_215	2649.99	529998	19.96
Middle2	30	90	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_243	2644.98	528996	19.92

N41 ANT6

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	15.50
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	15.47
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	15.31
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	15.28
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	15.24
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	15.44
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	15.30
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	15.41
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	15.32
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	15.35
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2679.99	535998	15.54
Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	15.43
Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	15.51
Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	15.46
Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2679.99	535998	15.44
Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	15.51
Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	15.52
Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	15.47
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2679.99	535998	15.69
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2679.99	535998	15.50
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2679.99	535998	15.58
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2679.99	535998	15.46
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2679.99	535998	15.67
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2679.99	535998	15.60
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2679.99	535998	15.55
Middle2	30	40	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_105	2670	534000	15.81
Middle2	30	50	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_132	2664.99	532998	15.58
Middle2	30	60	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_161	2659.98	531996	15.50
Middle2	30	80	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_216	2649.99	529998	15.26
Middle2	30	90	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_244	2644.98	528996	15.47

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Measured Plimit for DSI13/DSI5

N7 ANT3

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	16.44
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	16.51
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	16.47
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	16.36
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	16.44
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	16.38
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	16.46
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	16.45
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	16.47
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	16.5
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	16.43
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	16.44
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	16.45
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	16.48
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	16.61
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	16.49
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	16.64
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	16.48
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	16.62
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	16.45
Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	16.43
Middle	15	10	DFT-s-OFDM QPSK	Edge_Full_Right	2_50	2535	507000	16.54
Middle	15	15	DFT-s-OFDM QPSK	Edge_Full_Right	2_77	2535	507000	16.51

N7 ANT9

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	14.42
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	14.66
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	14.51
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	14.40
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	14.54
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	14.47
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	14.61
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	14.64
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	14.62
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	14.64
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	14.58
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	14.63
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	14.55
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	14.63
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	14.72
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	14.57
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	14.73
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	14.55
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	14.75
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	14.63
Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	14.68
Middle	15	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_50	2535	507000	14.69
Middle	15	15	DFT-s-OFDM QPSK	Inner_1RB_Right	1_77	2535	512500	14.66

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N7 ANT1

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	18.33
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	18.45
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	18.35
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	18.18
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	18.33
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	18.12
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	18.54
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	18.60
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.58
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.57
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	18.55
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	18.57
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	18.49
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	18.05
Middle	15	5	DFT-s-OFDM 16QAM	Edge_1RB_Right	1_24	2535	507000	18.97
Middle	15	5	DFT-s-OFDM 16QAM	Edge_1RB_Left	1_0	2535	507000	18.89
Middle	15	5	DFT-s-OFDM 16QAM	Edge_Full_Right	2_23	2535	507000	18.59
Middle	15	5	DFT-s-OFDM 16QAM	Edge_Full_Left	2_0	2535	507000	18.58
Middle	15	5	DFT-s-OFDM 16QAM	Inner_1RB_Right	1_23	2535	507000	19.04
Middle	15	5	DFT-s-OFDM 16QAM	Inner_1RB_Left	1_1	2535	507000	18.97
Middle	15	5	DFT-s-OFDM 16QAM	Outer_Full	25_0	2535	507000	18.59
Middle	15	10	DFT-s-OFDM 16QAM	Inner_1RB_Right	1_50	2565	507000	18.99
Middle	15	15	DFT-s-OFDM 16QAM	Inner_1RB_Right	1_77	2562.5	507000	18.95

N7 ANT6

Test Freq Description	5G-n7							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n7
High	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2567.5	513500	13.22
Middle	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2535	507000	13.40
Low	15	5	DFT-s-OFDM QPSK	Inner_Full	12_6	2502.5	500500	13.32
High	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2560	512000	13.34
Middle	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2535	507000	13.28
Low	15	20	DFT-s-OFDM QPSK	Inner_Full	50_25	2510	502000	13.20
Middle	15	5	DFT-s-OFDM PI/2 BPSK1	Inner_Full	12_6	2535	507000	13.32
Middle	15	5	DFT-s-OFDM 16QAM	Inner_Full	12_6	2535	507000	13.38
Middle	15	5	DFT-s-OFDM 64QAM	Inner_Full	12_6	2535	507000	13.35
Middle	15	5	DFT-s-OFDM 256QAM	Inner_Full	12_6	2535	507000	13.38
Middle	15	5	CP-OFDM QPSK	Inner_Full	12_6	2535	507000	13.32
Middle	15	5	CP-OFDM 16QAM	Inner_Full	12_6	2535	507000	13.34
Middle	15	5	CP-OFDM 64QAM	Inner_Full	12_6	2535	507000	13.28
Middle	15	5	CP-OFDM 256QAM	Inner_Full	12_6	2535	507000	13.33
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Right	1_24	2535	507000	13.43
Middle	15	5	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2535	507000	13.37
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Right	2_23	2535	507000	13.41
Middle	15	5	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2535	507000	13.32
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Right	1_23	2535	507000	13.45
Middle	15	5	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2535	507000	13.38
Middle	15	5	DFT-s-OFDM QPSK	Outer_Full	25_0	2535	507000	13.28
Middle	15	10	DFT-s-OFDM QPSK	Inner_1RB_Right	1_50	2565	507000	13.39
Middle	15	15	DFT-s-OFDM QPSK	Inner_1RB_Right	1_77	2562.5	507000	13.36

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N38 ANT3

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	16.22
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	16.30
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	16.32
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2580	516000	16.37
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2580	516000	16.35
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2580	516000	16.33
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2580	516000	16.30
Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2580	516000	16.32
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2580	516000	16.33
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2580	516000	16.33
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2580	516000	16.15
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2580	516000	16.33
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2580	516000	16.40
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2580	516000	16.31
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2580	516000	16.39
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2580	516000	16.30
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2580	516000	16.41
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2580	516000	16.33

N38 ANT9

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	14.73
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	14.76
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	14.96
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2580	516000	15.11
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2580	516000	15.09
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2580	516000	15.03
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2580	516000	15.02
Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2580	516000	15.07
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2580	516000	15.04
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2580	516000	14.98
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2580	516000	15.08
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2580	516000	15.08
Middle	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2580	516000	15.14
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2580	516000	15.04
Middle	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2580	516000	15.07
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2580	516000	15.12
Middle	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2580	516000	15.15
Middle	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2580	516000	15.08

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N38 ANT1

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	17.75
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	17.87
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	17.96
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2580	516000	18.01
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2580	516000	17.98
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2580	516000	17.89
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2580	516000	17.89
Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2580	516000	17.96
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2580	516000	17.93
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2580	516000	17.90
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2580	516000	17.95
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2580	516000	17.94
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2580	516000	18.07
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2580	516000	17.92
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2580	516000	18.00
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2580	516000	18.02
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2580	516000	18.10
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2580	516000	18.00

N38 ANT6

Test Freq Description	5G-n38							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n38
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2610	522000	13.68
Middle	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2595	519000	13.71
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2580	516000	13.81
Middle	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2580	516000	13.83
Middle	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2580	516000	13.86
Middle	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2580	516000	13.76
Middle	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2580	516000	13.73
Middle	30	20	CP-OFDM QPSK	Inner_Full	25_12	2580	516000	13.79
Middle	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2580	516000	13.75
Middle	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2580	516000	13.72
Middle	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2580	516000	13.77
Middle	30	20	DFT-s-OFDM 16QAM	Edge_1RB_Right	1_50	2580	516000	13.93
Middle	30	20	DFT-s-OFDM 16QAM	Edge_1RB_Left	1_0	2580	516000	14.13
Middle	30	20	DFT-s-OFDM 16QAM	Edge_Full_Right	2_49	2580	516000	13.68
Middle	30	20	DFT-s-OFDM 16QAM	Edge_Full_Left	2_0	2580	516000	13.83
Middle	30	20	DFT-s-OFDM 16QAM	Inner_1RB_Right	1_49	2580	516000	13.92
Middle	30	20	DFT-s-OFDM 16QAM	Inner_1RB_Left	1_1	2580	516000	14.07
Middle	30	20	DFT-s-OFDM 16QAM	Outer_Full	50_0	2580	516000	13.82

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N41 ANT3

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	17.71
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	17.44
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	17.41
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	17.52
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	17.76
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	17.28
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	17.22
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	17.20
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	17.19
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	17.30
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2506.02	501204	17.66
Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2506.02	501204	17.69
Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2506.02	501204	17.58
Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2506.02	501204	17.59
Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2506.02	501204	17.65
Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2506.02	501204	17.59
Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2506.02	501204	17.59
Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2506.02	501204	17.66
Middle2	30	20	DFT-s-OFDM 16QAM	Edge_1RB_Right	1_50	2506.02	501204	18.08
Middle2	30	20	DFT-s-OFDM 16QAM	Edge_1RB_Left	1_0	2506.02	501204	17.98
Middle2	30	20	DFT-s-OFDM 16QAM	Edge_Full_Right	2_49	2506.02	501204	17.68
Middle2	30	20	DFT-s-OFDM 16QAM	Edge_Full_Left	2_0	2506.02	501204	17.51
Middle2	30	20	DFT-s-OFDM 16QAM	Inner_1RB_Right	1_49	2506.02	501204	18.09
Middle2	30	20	DFT-s-OFDM 16QAM	Inner_1RB_Left	1_1	2506.02	501204	17.96
Middle2	30	20	DFT-s-OFDM 16QAM	Outer_Full	50_0	2506.02	501204	17.62
Middle2	30	40	DFT-s-OFDM 16QAM	Inner_1RB_Right	1_104	2516.01	503202	18.01
Middle2	30	50	DFT-s-OFDM 16QAM	Inner_1RB_Right	1_131	2521.02	504204	17.98
Middle2	30	60	DFT-s-OFDM 16QAM	Inner_1RB_Right	1_160	2526	505200	17.95
Middle2	30	80	DFT-s-OFDM 16QAM	Inner_1RB_Right	1_215	2536.02	507204	17.96
Middle2	30	90	DFT-s-OFDM 16QAM	Inner_1RB_Right	1_243	2541	508200	17.79

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N41 ANT9

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	14.16
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	14.06
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	13.96
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	13.81
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	13.66
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	14.02
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	13.83
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	13.84
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	13.65
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	13.55
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2679.99	535998	14.22
Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	14.17
Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	14.16
Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	14.12
Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2679.99	535998	14.16
Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	14.17
Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	14.19
Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	14.18
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Right	1_50	2679.99	535998	14.20
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_1RB_Left	1_0	2679.99	535998	14.19
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Right	2_49	2679.99	535998	14.17
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2679.99	535998	14.23
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Right	1_49	2679.99	535998	14.20
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_1RB_Left	1_1	2679.99	535998	14.18
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Outer_Full	50_0	2679.99	535998	14.15
Middle2	30	40	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2670	534000	14.15
Middle2	30	50	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2664.99	532998	14.13
Middle2	30	60	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2659.98	531996	14.09
Middle2	30	80	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2649.99	529998	14.12
Middle2	30	90	DFT-s-OFDM PI/2 BPSK1	Edge_Full_Left	2_0	2644.98	528996	14.06

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N41 ANT1

Test Freq Description	5G-n41							Power Results (dBm)
	SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	n41
High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	17.74
Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	17.66
Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	17.68
Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	17.56
Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	17.61
High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	17.49
Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	17.44
Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	17.56
Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	17.60
Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	17.56
Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2679.99	535998	17.94
Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	17.87
Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	17.84
Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	17.92
Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2679.99	535998	17.96
Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2679.99	535998	18.00
Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2679.99	535998	17.91
Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2679.99	535998	17.93
Middle2	30	20	CP-OFDM 16QAM	Edge_1RB_Right	1_50	2679.99	535998	17.82
Middle2	30	20	CP-OFDM 16QAM	Edge_1RB_Left	1_0	2679.99	535998	17.90
Middle2	30	20	CP-OFDM 16QAM	Edge_Full_Right	2_49	2679.99	535998	17.62
Middle2	30	20	CP-OFDM 16QAM	Edge_Full_Left	2_0	2679.99	535998	17.70
Middle2	30	20	CP-OFDM 16QAM	Inner_1RB_Right	1_49	2679.99	535998	17.81
Middle2	30	20	CP-OFDM 16QAM	Inner_1RB_Left	1_1	2679.99	535998	17.87
Middle2	30	20	CP-OFDM 16QAM	Outer_Full	50_0	2679.99	535998	17.98
Middle2	30	40	CP-OFDM 16QAM	Inner_Full	50_25	2670	534000	17.92
Middle2	30	50	CP-OFDM 16QAM	Inner_Full	64_32	2664.99	532998	17.89
Middle2	30	60	CP-OFDM 16QAM	Inner_Full	81_40	2659.98	531996	17.91
Middle2	30	80	CP-OFDM 16QAM	Inner_Full	108_54	2649.99	529998	17.84
Middle2	30	90	CP-OFDM 16QAM	Inner_Full	120_60	2644.98	528996	17.82

N41 ANT6

No.	Test Freq Description	5G-n41								Power Results (dBm)
		SCS (kHz)	NR BW (MHz)	Modulation	RB allocation		NR Test Freq. (MHz)	NR Test CH.	Tune up	n41
1	High	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2679.99	535998	13.50	11.99
2	Middle1	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2636.49	527298	13.50	11.94
3	Middle2	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2592.99	518598	13.50	11.95
4	Middle3	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2549.505	509901	13.50	12.00
5	Low	30	20	DFT-s-OFDM QPSK	Inner_Full	25_12	2506.02	501204	13.50	12.07
6	High	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2640	528000	13.50	11.88
7	Middle1	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2616.495	523299	13.50	11.85
8	Middle2	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2592.99	518598	13.50	11.84
9	Middle3	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2569.5	513900	13.50	11.87
10	Low	30	100	DFT-s-OFDM QPSK	Inner_Full	135_67	2546.01	509202	13.50	11.89
1	Middle2	30	20	DFT-s-OFDM PI/2 BPSK1	Inner_Full	25_12	2506.02	501204	13.50	12.02
2	Middle2	30	20	DFT-s-OFDM 16QAM	Inner_Full	25_12	2506.02	501204	13.50	12.00
3	Middle2	30	20	DFT-s-OFDM 64QAM	Inner_Full	25_12	2506.02	501204	13.50	11.99
4	Middle2	30	20	DFT-s-OFDM 256QAM	Inner_Full	25_12	2506.02	501204	13.50	12.01
5	Middle2	30	20	CP-OFDM QPSK	Inner_Full	25_12	2506.02	501204	13.50	11.96
6	Middle2	30	20	CP-OFDM 16QAM	Inner_Full	25_12	2506.02	501204	13.50	12.00
7	Middle2	30	20	CP-OFDM 64QAM	Inner_Full	25_12	2506.02	501204	13.50	11.98
8	Middle2	30	20	CP-OFDM 256QAM	Inner_Full	25_12	2506.02	501204	13.50	11.96
9	Middle2	30	20	DFT-s-OFDM QPSK	Edge_1RB_Right	1_50	2506.02	501204	13.50	12.06
10	Middle2	30	20	DFT-s-OFDM QPSK	Edge_1RB_Left	1_0	2506.02	501204	13.50	12.03
11	Middle2	30	20	DFT-s-OFDM QPSK	Edge_Full_Right	2_49	2506.02	501204	13.50	11.98
12	Middle2	30	20	DFT-s-OFDM QPSK	Edge_Full_Left	2_0	2506.02	501204	13.50	12.01
13	Middle2	30	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1_49	2506.02	501204	13.50	12.06
14	Middle2	30	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1_1	2506.02	501204	13.50	12.05
15	Middle2	30	20	DFT-s-OFDM QPSK	Outer_Full	50_0	2506.02	501204	13.50	11.97
16	Middle2	30	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1_104	2516.01	503202	13.50	12.14
17	Middle2	30	50	DFT-s-OFDM QPSK	Inner_1RB_Right	1_131	2521.02	504204	13.50	12.00
18	Middle2	30	60	DFT-s-OFDM QPSK	Inner_1RB_Right	1_160	2526	505200	13.50	11.96
19	Middle2	30	80	DFT-s-OFDM QPSK	Inner_1RB_Right	1_215	2536.02	507204	13.50	12.02
20	Middle2	30	90	DFT-s-OFDM QPSK	Inner_1RB_Right	1_243	2541	508200	13.50	12.01
21	Middle2	30	40	CP-OFDM 16QAM	Inner_Full	50_25	2516.01	503202	13.50	12.03

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12.5 Wi-Fi and BT Measurement result

When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 a/n/ac/ax modes, the channel in the lower order/sequence 802.11 mode (i.e. a, n, ac then ax) is selected. Therefore the SAR measurements performed for the 802.11n/ac modes, as the lowest order modulation, cover 802.11ax modes.

When the specified maximum output power is the same for both UNII 1 and UNII 2A, begin SAR measurements in UNII 2A with the channel with the highest measured output power. If the reported SAR for UNII 2A is ≤ 1.2 W/kg, SAR is not required for UNII 1; otherwise treat the remaining bands separately and test them independently for SAR.

According to KDB 248227 D01, simultaneous SAR provisions in KDB 447498 D01 apply to determine simultaneous transmission SAR test exclusion for Wi-Fi MIMO. If the sum of 1-g single transmission chain SAR measurements is<1.6W/kg and/or the MIMO output power is equal or less than a single chain, then no additional SAR measurements for simultaneously at the specified maximum output power of MIMO operation.

When antennas are spatially separated to the extent that SAR distributions do not overlap and can be treated independently, SAR compliance for simultaneous transmission is determined separately for each individual antenna.

The maximum output power for WiFi 2.4G

EUT State		Full Power					EUT State		Full Power					EUT State		Full Power-MIMO					EUT State		Full Power-MIMO					EUT State		Full Power-MIMO				
WiFi 2.4G core0	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	WiFi 2.4G core1	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	WiFi 2.4G core0	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	WiFi 2.4G core1	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	WiFi 2.4G MIMO	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 1	14.5	-2.0	2.0	12.5	16.5	802.11b	Ant 2	13.5	-2.0	2.0	11.5	15.5	802.11b	Ant 1	14.5	-2.0	2.0	12.5	16.5	802.11b	Ant 2	13.5	-2.0	2.0	11.5	15.5	802.11b	Ant 1+ant 2	17.0	-2.0	2.0	15.0	19.0
802.11g 1CHL	Ant 1	13.0	-1.5	2.0	11.5	15.0	802.11g 1CHL	Ant 2	13.0	-1.5	2.0	11.5	15.0	802.11g 1CHL	Ant 1	13.0	-1.5	2.0	11.5	15.0	802.11g 1CHL	Ant 2	13.0	-1.5	2.0	11.5	15.0	802.11g 1CHL	Ant 1+ant 2	16.0	-1.5	2.0	14.5	18.0
802.11g 2CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11g 2CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11g 2CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11g 2CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11g 2CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11g 3CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11g 3CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11g 3CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11g 3CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11g 3CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11g 4~8CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11g 4~8CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11g 4~8CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11g 4~8CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11g 4~8CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11g 9CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11g 9CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11g 9CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11g 9CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11g 9CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11g 10CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11g 10CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11g 10CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11g 10CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11g 10CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11g 11CHL	Ant 1	13.0	-1.5	2.0	11.5	15.0	802.11g 11CHL	Ant 2	13.0	-1.5	2.0	11.5	15.0	802.11g 11CHL	Ant 1	13.0	-1.5	2.0	11.5	15.0	802.11g 11CHL	Ant 2	13.0	-1.5	2.0	11.5	15.0	802.11g 11CHL	Ant 1+ant 2	16.0	-1.5	2.0	14.5	18.0
802.11n 1CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0	802.11n 1CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0	802.11n 1CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0	802.11n 1CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0	802.11n 1CHL	Ant 1+ant 2	16.0	-2.0	2.0	14.0	18.0
802.11n 2CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11n 2CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11n 2CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11n 2CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11n 2CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11n 3CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11n 3CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11n 3CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11n 3CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11n 3CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11n 4~8CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11n 4~8CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11n 4~8CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11n 4~8CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11n 4~8CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11n 9CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11n 9CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11n 9CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11n 9CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11n 9CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11n 10CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11n 10CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11n 10CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5	802.11n 10CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5	802.11n 10CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11n 11CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0	802.11n 11CHL	Ant 2	13.0	-5.0	2.0	8.0	15.0	802.11n 11CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0	802.11n 11CHL	Ant 2	13.0	-5.0	2.0	8.0	15.0	802.11n 11CHL	Ant 1+ant 2	16.0	-5.0	2.0	11.0	18.0
802.11n 40M 3CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0	802.11n 40M 3CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0	802.11n 40M 3CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0	802.11n 40M 3CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0	802.11n 40M 3CHL	Ant 1+ant 2	14.0	-2.0	2.0	12.0	16.0
802.11n 40M 4CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 4CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 4CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 4CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 4CHL	Ant 1+ant 2	19.0	-6.0	2.0	13.0	21.0
802.11n 40M 5CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 5CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 5CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 5CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 5CHL	Ant 1+ant 2	19.0	-6.0	2.0	13.0	21.0
802.11n 40M 6CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 6CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 6CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 6CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 6CHL	Ant 1+ant 2	19.0	-6.0	2.0	13.0	21.0
802.11n 40M 7CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 7CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 7CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 7CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 7CHL	Ant 1+ant 2	19.0	-6.0	2.0	13.0	21.0
802.11n 40M 8CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 8CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 8CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 8CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0	802.11n 40M 8CHL	Ant 1+ant 2	19.0	-6.0	2.0	13.0	21.0
802.11n 40M 9CHL	Ant 1	12.0	-2.0	2.0	10.0	14.0	802.11n 40M 9CHL	Ant 2	12.0	-2.0	2.0	10.0	14.0	802.11n 40M 9CHL	Ant 1	12.0	-2.0	2.0	10.0	14.0	802.11n 40M 9CHL	Ant 2	12.0	-2.0	2.0	10.0	14.0	802.11n 40M 9CHL	Ant 1+ant 2	15.0	-2.0	2.0	13.0	17.0
802.11ax 1CHL	Ant 1	12.0	-7.5	2.0	4.5	14.0	802.11ax 1CHL	Ant 2	12.0	-7.5	2.0	4.5	14.0	802.11ax 1CHL	Ant 1	12.0	-7.5	2.0	4.5	14.0	802.11ax 1CHL	Ant 2	12.0	-7.5	2.0	4.5	14.0	802.11ax 1CHL	Ant 1+ant 2	15.0	-7.5	2.0	7.5	17.0
802.11ax 2CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 2CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 2CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 2CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 2CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 3CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 3CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 3CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 3CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 3CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 4~8CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 4~8CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 4~8CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 4~8CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 4~8CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 9CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 9CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 9CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 9CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 9CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 10CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 10CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 10CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 10CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 10CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 11CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0	802.11ax 11CHL	Ant 2	13.0	-8.5	2.0	4.5	15.0	802.11ax 11CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0	802.11ax 11CHL	Ant 2	13.0	-8.5	2.0	4.5	15.0	802.11ax 11CHL	Ant 1+ant 2	16.0	-8.5	2.0	7.5	18.0
802.11ax 40M 3CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0	802.11ax 40M 3CHL	Ant 2	11.0	-6.5	2.0	4.5	13.0	802.11ax 40M 3CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0	802.11ax 40M 3CHL	Ant 2	11.0	-6.5	2.0	4.5	13.0	802.11ax 40M 3CHL	Ant 1+ant 2	14.0	-6.5	2.0	7.5	16.0
802.11ax 40M 4CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 4CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 4CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 4CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 4CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 40M 5CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 5CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 5CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 5CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 5CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 40M 6CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 6CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 6CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 6CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 6CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 40M 7CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 7CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 7CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 7CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 7CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 40M 8CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 8CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 8CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 8CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0	802.11ax 40M 8CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 40M 9CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0	802.11ax 40M 9CHL	Ant 2	11.0	-6.5	2.0	4.5	13.0	802.11ax 40M 9CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0	802.11ax 40M 9CHL	Ant 2	11.0	-6.5	2.0	4.5	13.0	802.11ax 40M 9CHL	Ant 1+ant 2	14.0	-6.5	2.0	7.5	16.0

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EUT State		WIFI station (rcv off)				
WiFi 2.4G core0	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 1	14.5	-2.0	2.0	12.5	16.5
802.11g 1CHL	Ant 1	13.0	-1.5	2.0	11.5	15.0
802.11g 2CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11g 3CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11g 4~8CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11g 9CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11g 10CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11g 11CHL	Ant 1	13.0	-1.5	2.0	11.5	15.0
802.11n 1CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 2CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11n 3CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11n 4~8CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11n 9CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11n 10CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11n 11CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11n 40M 3CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 4CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 5CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 6CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 7CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 8CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 9CHL	Ant 1	12.0	-2.0	2.0	10.0	14.0
802.11ax 1CHL	Ant 1	12.0	-7.5	2.0	4.5	14.0
802.11ax 2CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 3CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 4~8CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 9CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 10CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 11CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 40M 3CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 40M 4CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 5CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 6CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 7CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 8CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 9CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0

EUT State		WIFI station (rcv off)				
WiFi 2.4G core1	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 2	13.5	-2.0	2.0	11.5	15.5
802.11g 1CHL	Ant 2	13.0	-1.5	2.0	11.5	15.0
802.11g 2CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11g 3CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11g 4~8CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11g 9CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11g 10CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11g 11CHL	Ant 2	13.0	-1.5	2.0	11.5	15.0
802.11n 1CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11n 2CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11n 3CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11n 4~8CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11n 9CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11n 10CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11n 11CHL	Ant 2	13.0	-5.0	2.0	8.0	15.0
802.11n 40M 3CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 4CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 5CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 6CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 7CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 8CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 9CHL	Ant 2	12.0	-2.0	2.0	10.0	14.0
802.11ax 1CHL	Ant 2	12.0	-7.5	2.0	4.5	14.0
802.11ax 2CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 3CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 4~8CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 9CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 10CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 11CHL	Ant 2	13.0	-8.5	2.0	4.5	15.0
802.11ax 40M 3CHL	Ant 2	11.0	-6.5	2.0	4.5	13.0
802.11ax 40M 4CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 5CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 6CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 7CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 8CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 9CHL	Ant 2	11.0	-6.5	2.0	4.5	13.0

EUT State		WIFI station (rcv off) -MIMO				
WiFi 2.4G core0	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 1	14.5	-2.0	2.0	12.5	16.5
802.11g 1CHL	Ant 1	13.0	-1.5	2.0	11.5	15.0
802.11g 2CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11g 3CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11g 4~8CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11g 9CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11g 10CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11g 11CHL	Ant 1	13.0	-1.5	2.0	11.5	15.0
802.11n 1CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 2CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11n 3CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11n 4~8CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11n 9CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11n 10CHL	Ant 1	16.5	-5.0	2.0	11.5	18.5
802.11n 11CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11n 40M 3CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 4CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 5CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 6CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 7CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 8CHL	Ant 1	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 9CHL	Ant 1	12.0	-2.0	2.0	10.0	14.0
802.11ax 1CHL	Ant 1	12.0	-7.5	2.0	4.5	14.0
802.11ax 2CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 3CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 4~8CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 9CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 10CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 11CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 40M 3CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 40M 4CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 5CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 6CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 7CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 8CHL	Ant 1	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 9CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0

EUT State		WIFI station (rcv off) -MIMO				
WiFi 2.4G core1	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 2	13.5	-2.0	2.0	11.5	15.5
802.11g 1CHL	Ant 2	13.0	-1.5	2.0	11.5	15.0
802.11g 2CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11g 3CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11g 4~8CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11g 9CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11g 10CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11g 11CHL	Ant 2	13.0	-1.5	2.0	11.5	15.0
802.11n 1CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11n 2CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11n 3CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11n 4~8CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11n 9CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11n 10CHL	Ant 2	16.5	-5.0	2.0	11.5	18.5
802.11n 11CHL	Ant 2	13.0	-5.0	2.0	8.0	15.0
802.11n 40M 3CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 4CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 5CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 6CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 7CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 8CHL	Ant 2	16.0	-6.0	2.0	10.0	18.0
802.11n 40M 9CHL	Ant 2	12.0	-2.0	2.0	10.0	14.0
802.11ax 1CHL	Ant 2	12.0	-7.5	2.0	4.5	14.0
802.11ax 2CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 3CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 4~8CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 9CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 10CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 11CHL	Ant 2	13.0	-8.5	2.0	4.5	15.0
802.11ax 40M 3CHL	Ant 2	11.0	-6.5	2.0	4.5	13.0
802.11ax 40M 4CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 5CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 6CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 7CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 8CHL	Ant 2	16.0	-11.5	2.0	4.5	18.0
802.11ax 40M 9CHL	Ant 2	11.0	-6.5	2.0	4.5	13.0

EUT State		WIFI station (rcv off) -MIMO				
WiFi 2.4G MIMO	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 1+ant 2	17.0	-2.0	2.0	15.0	19.0
802.11g 1CHL	Ant 1+ant 2	16.0	-1.5	2.0	14.5	18.0
802.11g 2CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11g 3CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11g 4~8CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11g 9CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11g 10CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11g 11CHL	Ant 1+ant 2	16.0	-1.5	2.0	14.5	18.0
802.11n 1CHL	Ant 1+ant 2	16.0	-2.0	2.0	14.0	18.0
802.11n 2CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11n 3CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11n 4~8CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11n 9CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11n 10CHL	Ant 1+ant 2	19.5	-5.0	2.0	14.5	21.5
802.11n 11CHL	Ant 1+ant 2	16.0	-5.0	2.0	11.0	18.0
802.11n 40M 3CHL	Ant 1+ant 2	14.0	-2.0	2.0	12.0	16.0
802.11n 40M 4CHL	Ant 1+ant 2	19.0	-6.0	2.0	13.0	21.0
802.11n 40M 5CHL	Ant 1+ant 2	19.0	-6.0	2.0	13.0	21.0
802.11n 40M 6CHL	Ant 1+ant 2	19.0	-6.0	2.0	13.0	21.0
802.11n 40M 7CHL	Ant 1+ant 2	19.0	-6.0	2.0	13.0	21.0
802.11n 40M 8CHL	Ant 1+ant 2	19.0	-6.0	2.0	13.0	21.0
802.11n 40M 9CHL	Ant 1+ant 2	15.0	-2.0	2.0	13.0	17.0
802.11ax 1CHL	Ant 1+ant 2	15.0	-7.5	2.0	7.5	17.0
802.11ax 2CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 3CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 4~8CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 9CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 10CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 11CHL	Ant 1+ant 2	16.0	-8.5	2.0	7.5	18.0
802.11ax 40M 3CHL	Ant 1+ant 2	14.0	-6.5	2.0	7.5	16.0
802.11ax 40M 4CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 40M 5CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 40M 6CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 40M 7CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 40M 8CHL	Ant 1+ant 2	19.0	-11.5	2.0	7.5	21.0
802.11ax 40M 9CHL	Ant 1+ant 2	14.0	-6.5	2.0	7.5	16.0

EUT State		WiFi+Cell(Rcv On)/WiFi+VoIP				
WiFi 2.4G core0	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 1CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 2CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 3CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 4~8CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 9CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 10CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 11CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 1CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 2CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 3CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 4~8CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 9CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 10CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 11CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 3CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 4CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 5CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 6CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 7CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 8CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 9CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11ax 1CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 2CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 3CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 4~8CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 9CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 10CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 11CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 40M 3CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 40M 4CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 40M 5CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 40M 6CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 40M 7CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 40M 8CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 40M 9CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0

EUT State		WiFi+Cell(Rcv On)/WiFi+VoIP				
WiFi 2.4G core1	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11g 1CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11g 2CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11g 3CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11g 4~8CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11g 9CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11g 10CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11g 11CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 1CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 2CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 3CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 4~8CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 9CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 10CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 11CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 3CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 4CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 5CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 6CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 7CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 8CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 9CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11ax 1CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0
802.11ax 2CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0
802.11ax 3CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0
802.11ax 4~8CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0
802.11ax 9CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0
802.11ax 10CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0
802.11ax 11CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0
802.11ax 40M 3CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0
802.11ax 40M 4CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0
802.11ax 40M 5CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0
802.11ax 40M 6CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0
802.11ax 40M 7CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0
802.11ax 40M 8CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0
802.11ax 40M 9CHL	Ant 2	11.0	-5.5	2.0	5.5	13.0

EUT State		WiFi+Cell(Rcv On)/WiFi+VoIP-MIMO				
WiFi 2.4G core0	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11g 1CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11g 2CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11g 3CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11g 4~8CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11g 9CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11g 10CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11g 11CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 1CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 2CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 3CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 4~8CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 9CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 10CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 11CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 3CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 4CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 5CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 6CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 7CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 8CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 9CHL	Ant 1	8.0	-2.0	2.0	6.0	10.0
802.11ax 1CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0
802.11ax 2CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0
802.11ax 3CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0
802.11ax 4~8CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0
802.11ax 9CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0
802.11ax 10CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0
802.11ax 11CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0
802.11ax 40M 3CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0
802.11ax 40M 4CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0
802.11ax 40M 5CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0
802.11ax 40M 6CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0
802.11ax 40M 7CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0
802.11ax 40M 8CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0
802.11ax 40M 9CHL	Ant 1	8.0	-3.5	2.0	4.5	10.0

EUT State		WiFi+Cell(Rcv On)/WiFi+VoIP-MIMO				
WiFi 2.4G core1	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11g 1CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11g 2CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11g 3CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11g 4~8CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11g 9CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11g 10CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11g 11CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 1CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 2CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 3CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 4~8CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 9CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 10CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 11CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 3CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 4CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 5CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 6CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 7CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 8CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11n 40M 9CHL	Ant 2	8.0	-2.0	2.0	6.0	10.0
802.11ax 1CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0
802.11ax 2CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0
802.11ax 3CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0
802.11ax 4~8CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0
802.11ax 9CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0
802.11ax 10CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0
802.11ax 11CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0
802.11ax 40M 3CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0
802.11ax 40M 4CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0
802.11ax 40M 5CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0
802.11ax 40M 6CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0
802.11ax 40M 7CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0
802.11ax 40M 8CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0
802.11ax 40M 9CHL	Ant 2	8.0	-2.5	2.0	5.5	10.0

EUT State		WiFi+Cell(Rcv On)/WiFi+VoIP-MIMO				
WiFi 2.4G core1	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 1CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 2CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 3CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 4~8CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 9CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 10CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11g 11CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 1CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 2CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 3CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 4~8CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 9CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 10CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 11CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 3CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 4CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 5CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 6CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 7CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 8CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 9CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11ax 1CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0
802.11ax 2CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0
802.11ax 3CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0
802.11ax 4~8CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0
802.11ax 9CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0
802.11ax 10CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0
802.11ax 11CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0
802.11ax 40M 3CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0
802.11ax 40M 4CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0
802.11ax 40M 5CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0
802.11ax 40M 6CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0
802.11ax 40M 7CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0
802.11ax 40M 8CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0
802.11ax 40M 9CHL	Ant 1	11.0	-3.0	2.0	8.0	13.0

EUT State		WiFi+Cell(Rcv Off)				
WiFi 2.4G core0	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 1CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 2CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 3CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 4~8CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 9CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 10CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 11CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 1CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 2CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 3CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 4~8CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 9CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 10CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 11CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 40M 3CHL	Ant 1	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 4CHL	Ant 1	13.0	-3.0	2.0	10.0	15.0
802.11n 40M 5CHL	Ant 1	13.0	-3.0	2.0	10.0	15.0
802.11n 40M 6CHL	Ant 1	13.0	-3.0	2.0	10.0	15.0
802.11n 40M 7CHL	Ant 1	13.0	-3.0	2.0	10.0	15.0
802.11n 40M 8CHL	Ant 1	13.0	-3.0	2.0	10.0	15.0
802.11n 40M 9CHL	Ant 1	12.0	-2.0	2.0	10.0	14.0
802.11ax 1CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 2CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 3CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 4~8CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 9CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 10CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 11CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 40M 3CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0
802.11ax 40M 4CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 40M 5CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 40M 6CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 40M 7CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 40M 8CHL	Ant 1	13.0	-8.5	2.0	4.5	15.0
802.11ax 40M 9CHL	Ant 1	11.0	-6.5	2.0	4.5	13.0

EUT State		WiFi+Cell(Rcv Off)				
WiFi 2.4G core1	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11g 1CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11g 2CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11g 3CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11g 4~8CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11g 9CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11g 10CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11g 11CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11n 1CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11n 2CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11n 3CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11n 4~8CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11n 9CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11n 10CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11n 11CHL	Ant 2	13.0	-2.0	2.0	11.0	15.0
802.11n 40M 3CHL	Ant 2	11.0	-2.0	2.0	9.0	13.0
802.11n 40M 4CHL	Ant 2	13.0	-3.0	2.0	10.0	15.0
802.11n 40M 5CHL	Ant 2	13.0	-3.0	2.0	10.0	15.0
802.11n 40M 6CHL	Ant 2	13.0	-3.0	2.0	10.0	15.0
802.11n 40M 7CHL	Ant 2	13.0	-3.0	2.0	10.0	15.0
802.11n 40M 8CHL	Ant 2	13.0	-3.0	2.0	10.0	15.0
802.11n 40M 9CHL	Ant 2	12.0	-2.0	2.0	10.0	14.0
802.11ax 1CHL	Ant 2	13.0	-7.5	2.0	5.5	15.0
802.11ax 2CHL	Ant 2	13.0	-7.5	2.0	5.5	15.0
802.11ax 3CHL	Ant 2	13.0	-7.5	2.0	5.5	15.0
802.11ax 4~8CHL	Ant 2	13.0	-7.5	2.0	5.5	15.0
802.11ax 9CHL	Ant 2	13.0	-7.5	2.0	5.5	15.0
802.11ax 10CHL	Ant 2	13.0	-7.5	2.0	5.5	15.0
802.11ax 11CHL	Ant 2	13.0	-7.5	2.0	5.5	15.0
802.11ax 40M 3CHL	Ant 2	11.0	-6.5	2.0	4.5	13.0
802.11ax 40M 4CHL	Ant 2	13.0	-7.5	2.0	5.5	15.0
802.11ax 40M 5CHL	Ant 2	13.0	-7.5	2.0	5.5	15.0
802.11ax 40M 6CHL	Ant 2	13.0	-7.5	2.0	5.5	15.0
802.11ax 40M 7CHL	Ant 2	13.0	-7.5	2.0	5.5	15.0
802.11ax 40M 8CHL	Ant 2	13.0	-7.5	2.0	5.5	15.0
802.11ax 40M 9CHL	Ant 2	11.0	-6.5	2.0	4.5	13.0

EUT State		WiFi+Cell(Rcv Off)-MIMO				
WiFi 2.4G core0	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11g 1CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11g 2CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11g 3CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11g 4~8CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11g 9CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11g 10CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11g 11CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 1CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 2CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 3CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 4~8CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 9CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 10CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 11CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 3CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 4CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 5CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 6CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 7CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 8CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 9CHL	Ant 1	10.0	-2.0	2.0	8.0	12.0
802.11ax 1CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0
802.11ax 2CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0
802.11ax 3CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0
802.11ax 4~8CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0
802.11ax 9CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0
802.11ax 10CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0
802.11ax 11CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0
802.11ax 40M 3CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0
802.11ax 40M 4CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0
802.11ax 40M 5CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0
802.11ax 40M 6CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0
802.11ax 40M 7CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0
802.11ax 40M 8CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0
802.11ax 40M 9CHL	Ant 1	10.0	-5.5	2.0	4.5	12.0

EUT State		WiFi+Cell(Rcv Off)-MIMO				
WiFi 2.4G core1	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11g 1CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11g 2CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11g 3CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11g 4~8CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11g 9CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11g 10CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11g 11CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 1CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 2CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 3CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 4~8CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 9CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 10CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 11CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 3CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 4CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 5CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 6CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 7CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 8CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11n 40M 9CHL	Ant 2	10.0	-2.0	2.0	8.0	12.0
802.11ax 1CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0
802.11ax 2CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0
802.11ax 3CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0
802.11ax 4~8CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0
802.11ax 9CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0
802.11ax 10CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0
802.11ax 11CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0
802.11ax 40M 3CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0
802.11ax 40M 4CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0
802.11ax 40M 5CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0
802.11ax 40M 6CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0
802.11ax 40M 7CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0
802.11ax 40M 8CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0
802.11ax 40M 9CHL	Ant 2	10.0	-4.5	2.0	5.5	12.0

EUT State		WiFi+Cell(Rcv Off)-MIMO				
WiFi 2.4G core1	Ant	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
802.11b	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 1CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 2CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 3CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 4~8CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 9CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 10CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11g 11CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 1CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 2CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 3CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 4~8CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 9CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 10CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 11CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 40M 3CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 40M 4CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 40M 5CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 40M 6CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 40M 7CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 40M 8CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11n 40M 9CHL	Ant 1	13.0	-2.0	2.0	11.0	15.0
802.11ax 1CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11ax 2CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11ax 3CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11ax 4~8CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11ax 9CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11ax 10CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11ax 11CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11ax 40M 3CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11ax 40M 4CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11ax 40M 5CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11ax 40M 6CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11ax 40M 7CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11ax 40M 8CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0
802.11ax 40M 9CHL	Ant 1	13.0	-5.0	2.0	8.0	15.0

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The maximum output power for WiFi 5G

EUT State	Full Power				
Mode	11a 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36、40	14.5	-4.0	2.0	10.5	16.5
44-60	15	-4.5	2.0	10.5	17.0
64	15	-4.5	2.0	10.5	17.0
100	15	-4.5	2.0	10.5	17.0
104	15	-4.5	2.0	10.5	17.0
108-132	15	-4.5	2.0	10.5	17.0
136、140	15	-4.5	2.0	10.5	17.0
144	14	-3.5	2.0	10.5	16.0
149-165	15	-4.5	2.0	10.5	17.0

EUT State	Full Power				
Mode	11a 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36、40	14.5	-5.0	2.1	9.5	16.6
44-60	15	-5.5	2.1	9.5	17.1
64	15	-5.5	2.1	9.5	17.1
100	15	-5.5	2.1	9.5	17.1
104	15	-5.5	2.1	9.5	17.1
108-132	15	-5.5	2.1	9.5	17.1
136、140	15	-5.5	2.1	9.5	17.1
144	14	-4.5	2.1	9.5	16.1
149-165	15	-5.5	2.1	9.5	17.1

EUT State	Full Power-MIMO				
Mode	11a 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36、40	14.5	-4.0	2.0	10.5	16.5
44-60	15	-4.5	2.0	10.5	17.0
64	15	-4.5	2.0	10.5	17.0
100	15	-4.5	2.0	10.5	17.0
104	15	-4.5	2.0	10.5	17.0
108-132	15	-4.5	2.0	10.5	17.0
136、140	15	-4.5	2.0	10.5	17.0
144	14	-3.5	2.0	10.5	16.0
149-165	15	-4.5	2.0	10.5	17.0

EUT State	Full Power-MIMO				
Mode	11a 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36、40	14.5	-5.0	2.0	9.5	16.5
44-60	15	-5.5	2.0	9.5	17.0
64	15	-5.5	2.0	9.5	17.0
100	15	-5.5	2.0	9.5	17.0
104	15	-5.5	2.0	9.5	17.0
108-132	15	-5.5	2.0	9.5	17.0
136、140	15	-5.5	2.0	9.5	17.0
144	14	-4.5	2.0	9.5	16.0
149-165	15	-5.5	2.0	9.5	17.0

EUT State	Full Power-MIMO				
Mode	11a 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36、40	17.5103	-4.5	2.0	13.0	19.5
44-60	18.0103	-5.0	2.0	13.0	20.0
64	18.0103	-5.0	2.0	13.0	20.0
100	18.0103	-5.0	2.0	13.0	20.0
104	18.0103	-5.0	2.0	13.0	20.0
108-132	18.0103	-5.0	2.0	13.0	20.0
136、140	18.0103	-5.0	2.0	13.0	20.0
144	17.0103	-4.0	2.0	13.0	19.0
149-165	18.0	-5.0	2.0	13.0	20.0

EUT State	Full Power				
Mode	11n 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-4.5	2.0	10.5	17.0
40-60	15	-4.5	2.0	10.5	17.0
64	15	-4.5	2.0	10.5	17.0
100	15	-4.5	2.0	10.5	17.0
104	15	-4.5	2.0	10.5	17.0
108-132	15	-4.5	2.0	10.5	17.0
136	15	-4.5	2.0	10.5	17.0
140	15	-4.5	2.0	10.5	17.0
149-165	15	-4.5	2.0	10.5	17.0

EUT State	Full Power				
Mode	11n 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-4.5	2.0	10.5	17.0
40-60	15	-4.5	2.0	10.5	17.0
64	15	-4.5	2.0	10.5	17.0
100	15	-4.5	2.0	10.5	17.0
104	15	-4.5	2.0	10.5	17.0
108-132	15	-4.5	2.0	10.5	17.0
136	15	-4.5	2.0	10.5	17.0
140	15	-4.5	2.0	10.5	17.0
149-165	15	-4.5	2.0	10.5	17.0

EUT State	Full Power-MIMO				
Mode	11n 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-4.5	2.0	10.5	17.0
40-60	15	-4.5	2.0	10.5	17.0
64	15	-4.5	2.0	10.5	17.0
100	15	-4.5	2.0	10.5	17.0
104	15	-4.5	2.0	10.5	17.0
108-132	15	-4.5	2.0	10.5	17.0
136	15	-4.5	2.0	10.5	17.0
140	15	-4.5	2.0	10.5	17.0
149-165	15	-4.5	2.0	10.5	17.0

EUT State	Full Power-MIMO				
Mode	11n 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-4.5	2.0	10.5	17.0
40-60	15	-4.5	2.0	10.5	17.0
64	15	-4.5	2.0	10.5	17.0
100	15	-4.5	2.0	10.5	17.0
104	15	-4.5	2.0	10.5	17.0
108-132	15	-4.5	2.0	10.5	17.0
136	15	-4.5	2.0	10.5	17.0
140	15	-4.5	2.0	10.5	17.0
149-165	15	-4.5	2.0	10.5	17.0

EUT State	Full Power-MIMO				
Mode	11n 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	18.0	-4.5	2.0	13.5	20.0
40-60	18.0	-4.5	2.0	13.5	20.0
64	18.0	-4.5	2.0	13.5	20.0
100	18.0	-4.5	2.0	13.5	20.0
104	18.0	-4.5	2.0	13.5	20.0
108-132	18.0	-4.5	2.0	13.5	20.0
136	18.0	-4.5	2.0	13.5	20.0
140	18.0	-4.5	2.0	13.5	20.0
149-165	18.0	-4.5	2.0	13.5	20.0

EUT State	Full Power				
Mode	11ac 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-8.0	2.0	7.0	17.0
40-60	15	-8.0	2.0	7.0	17.0
64	15	-8.0	2.0	7.0	17.0
100	15	-8.0	2.0	7.0	17.0
104	15	-8.0	2.0	7.0	17.0
108-132	15	-8.0	2.0	7.0	17.0
136	15	-8.0	2.0	7.0	17.0
140	15	-8.0	2.0	7.0	17.0
149-165	15	-8.0	2.0	7.0	17.0

EUT State	Full Power				
Mode	11ac 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-9.5	2.0	5.5	17.0
40-60	15	-9.5	2.0	5.5	17.0
64	15	-9.5	2.0	5.5	17.0
100	15	-9.5	2.0	5.5	17.0
104	15	-9.5	2.0	5.5	17.0
108-132	15	-9.5	2.0	5.5	17.0
136	15	-9.5	2.0	5.5	17.0
140	15	-9.5	2.0	5.5	17.0
149-165	15	-9.5	2.0	5.5	17.0

EUT State	Full Power-MIMO				
Mode	11ac 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-8.0	2.0	7.0	17.0
40-60	15	-8.0	2.0	7.0	17.0
64	15	-8.0	2.0	7.0	17.0
100	15	-8.0	2.0	7.0	17.0
104	15	-8.0	2.0	7.0	17.0
108-132	15	-8.0	2.0	7.0	17.0
136	15	-8.0	2.0	7.0	17.0
140	15	-8.0	2.0	7.0	17.0
149-165	15	-8.0	2.0	7.0	17.0

EUT State	Full Power-MIMO				
Mode	11ac 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-9.5	2.0	5.5	17.0
40-60	15	-9.5	2.0	5.5	17.0
64	15	-9.5	2.0	5.5	17.0
100	15	-9.5	2.0	5.5	17.0
104	15	-9.5	2.0	5.5	17.0
108-132	15	-9.5	2.0	5.5	17.0
136	15	-9.5	2.0	5.5	17.0
140	15	-9.5	2.0	5.5	17.0
149-165	15	-9.5	2.0	5.5	17.0

EUT State	Full Power-MIMO				
Mode	11ac 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	18.0	-8.7	2.0	9.3	20.0
40-60	18.0	-8.7	2.0	9.3	20.0
64	18.0	-8.7	2.0	9.3	20.0
100	18.0	-8.7	2.0	9.3	20.0
104	18.0	-8.7	2.0	9.3	20.0
108-132	18.0	-8.7	2.0	9.3	20.0
136	18.0	-8.7	2.0	9.3	20.0
140	18.0	-8.7	2.0	9.3	20.0
149-165	18.0	-8.7	2.0	9.3	20.0

EUT State	Full Power				
Mode	11ax 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-12.0	2.0	3.0	17.0
40-60	15	-12.0	2.0	3.0	17.0
64	15	-12.0	2.0	3.0	17.0
100	15	-12.0	2.0	3.0	17.0
104	15	-12.0	2.0	3.0	17.0
108-132	15	-12.0	2.0	3.0	17.0
136	15	-12.0	2.0	3.0	17.0
140	15	-12.0	2.0	3.0	17.0
149-165	15	-12.0	2.0	3.0	17.0

EUT State	Full Power				
Mode	11ax 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-13.0	2.0	2.0	17.0
40-60	15	-13.0	2.0	2.0	17.0
64	15	-13.0	2.0	2.0	17.0
100	15	-13.0	2.0	2.0	17.0
104	15	-13.0	2.0	2.0	17.0
108-132	15	-13.0	2.0	2.0	17.0
136	15	-13.0	2.0	2.0	17.0
140	15	-13.0	2.0	2.0	17.0
149-165	15	-13.0	2.0	2.0	17.0

EUT State	Full Power-MIMO				
Mode	11ax 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-12.0	2.0	3.0	17.0
40-60	15	-12.0	2.0	3.0	17.0
64	15	-12.0	2.0	3.0	17.0
100	15	-12.0	2.0	3.0	17.0
104	15	-12.0	2.0	3.0	17.0
108-132	15	-12.0	2.0	3.0	17.0
136	15	-12.0	2.0	3.0	17.0
140	15	-12.0	2.0	3.0	17.0
149-165	15	-12.0	2.0	3.0	17.0

EUT State	Full Power-MIMO				
Mode	11ax 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-13.0	2.0	2.0	17.0
40-60	15	-13.0	2.0	2.0	17.0
64	15	-13.0	2.0	2.0	17.0
100	15	-13.0	2.0	2.0	17.0
104	15	-13.0	2.0	2.0	17.0
108-132	15	-13.0	2.0	2.0	17.0
136	15	-13.0	2.0	2.0	17.0
140	15	-13.0	2.0	2.0	17.0
149-165	15	-13.0	2.0	2.0	17.0

EUT State	Full Power-MIMO				
Mode	11ax 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	18.0	-12.5	2.0	5.5	20.0
40-60	18.0	-12.5	2.0	5.5	20.0
64	18.0	-12.5	2.0	5.5	20.0
100	18.0	-12.5	2.0	5.5	20.0
104	18.0	-12.5	2.0	5.5	20.0
108-132	18.0	-12.5	2.0	5.5	20.0
136	18.0	-12.5	2.0	5.5	20.0
140	18.0	-12.5	2.0	5.5	20.0
149-165	18.0	-12.5	2.0	5.5	20.0

EUT State	Full Power				
Mode	11n 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-4.5	2.1	10.5	17.1
46-54	15	-4.5	2.1	10.5	17.1
62	15	-4.5	2.1	10.5	17.1
102	15	-4.5	2.1	10.5	17.1
110-126	15	-4.5	2.1	10.5	17.1
134	15	-4.5	2.1	10.5	17.1
151-159	15	-4.5	2.1	10.5	17.1

EUT State	Full Power				
Mode	11n 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-4.5	2.0	10.5	17.0
46-54	15	-4.5	2.0	10.5	17.0
62	15	-4.5	2.0	10.5	17.0
102	15	-4.5	2.0	10.5	17.0
110-126	15	-4.5	2.0	10.5	17.0
134	15	-4.5	2.0	10.5	17.0
151-159	15	-4.5	2.0	10.5	17.0

EUT State	Full Power-MIMO				
Mode	11n 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-4.5	2.1	10.5	17.1
46-54	15	-4.5	2.1	10.5	17.1
62	15	-4.5	2.1	10.5	17.1
102	15	-4.5	2.1	10.5	17.1
110-126	15	-4.5	2.1	10.5	17.1
134	15	-4.5	2.1	10.5	17.1
151-159	15	-4.5	2.1	10.5	17.1

EUT State	Full Power-MIMO				
Mode	11n 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-4.5	2.0	10.5	17.0
46-54	15	-4.5	2.0	10.5	17.0
62	15	-4.5	2.0	10.5	17.0
102	15	-4.5	2.0	10.5	17.0
110-126	15	-4.5	2.0	10.5	17.0
134	15	-4.5	2.0	10.5	17.0
151-159	15	-4.5	2.0	10.5	17.0

EUT State	Full Power-MIMO				
Mode	11n 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	18.0	-4.5	2.0	13.5	20.0
46-54	18.0	-4.5	2.0	13.5	20.0
62	18.0	-4.5	2.0	13.5	20.0
102	18.0	-4.5	2.0	13.5	20.0
110-126	18.0	-4.5	2.0	13.5	20.0
134	18.0	-4.5	2.0	13.5	20.0
151-159	18.0	-4.5	2.0	13.5	20.0

EUT State	Full Power				
Mode	11ac 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-8.5	2.0	6.5	17.0
46-54	15	-8.5	2.0	6.5	17.0
62	15	-8.5	2.0	6.5	17.0
102	15	-8.5	2.0	6.5	17.0
110-126	15	-8.5	2.0	6.5	17.0
134	15	-8.5	2.0	6.5	17.0
151-159	15	-8.5	2.0	6.5	17.0

EUT State	Full Power				
Mode	11ac 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-10.0	2.0	5.0	17.0
46-54	15	-10.0	2.0	5.0	17.0
62	15	-10.0	2.0	5.0	17.0
102	15	-10.0	2.0	5.0	17.0
110-126	15	-10.0	2.0	5.0	17.0
134	15	-10.0	2.0	5.0	17.0
151-159	15	-10.0	2.0	5.0	17.0

EUT State	Full Power-MIMO				
Mode	11ac 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-8.5	2.0	6.5	17.0
46-54	15	-8.5	2.0	6.5	17.0
62	15	-8.5	2.0	6.5	17.0
102	15	-8.5	2.0	6.5	17.0
110-126	15	-8.5	2.0	6.5	17.0
134	15	-8.5	2.0	6.5	17.0
151-159	15	-8.5	2.0	6.5	17.0

EUT State	Full Power-MIMO				
Mode	11ac 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-10.0	2.0	5.0	17.0
46-54	15	-10.0	2.0	5.0	17.0
62	15	-10.0	2.0	5.0	17.0
102	15	-10.0	2.0	5.0	17.0
110-126	15	-10.0	2.0	5.0	17.0
134	15	-10.0	2.0	5.0	17.0
151-159	15	-10.0	2.0	5.0	17.0

EUT State	Full Power-MIMO				
Mode	11ac 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	18.0	-9.2	2.0	8.8	20.0
46-54	18.0	-9.2	2.0	8.8	20.0
62	18.0	-9.2	2.0	8.8	20.0
102	18.0	-9.2	2.0	8.8	20.0
110-126	18.0	-9.2	2.0	8.8	20.0
134	18.0	-9.2	2.0	8.8	20.0
151-159	18.0	-9.2	2.0	8.8	20.0

EUT State	Full Power				
Mode	11ax 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-12.0	2.0	3.0	17.0
46-54	15	-12.0	2.0	3.0	17.0
62	15	-12.0	2.0	3.0	17.0
102	15	-12.0	2.0	3.0	17.0
110-126	15	-12.0	2.0	3.0	17.0
134	15	-12.0	2.0	3.0	17.0
151-159	15	-12.0	2.0	3.0	17.0

EUT State	Full Power				
Mode	11ax 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-12.0	2.0	3.0	17.0
46-54	15	-12.0	2.0	3.0	17.0
62	15	-12.0	2.0	3.0	17.0
102	15	-12.0	2.0	3.0	17.0
110-126	15	-12.0	2.0	3.0	17.0
134	15	-12.0	2.0	3.0	17.0
151-159	15	-12.0	2.0	3.0	17.0

EUT State	Full Power-MIMO				
Mode	11ax 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-12.0	2.0	3.0	17.0
46-54	15	-12.0	2.0	3.0	17.0
62	15	-12.0	2.0	3.0	17.0
102	15	-12.0	2.0	3.0	17.0
110-126	15	-12.0	2.0	3.0	17.0
134	15	-12.0	2.0	3.0	17.0
151-159	15	-12.0	2.0	3.0	17.0

EUT State	Full Power-MIMO				
Mode	11ax 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-12.0	2.0	3.0	17.0
46-54	15	-12.0	2.0	3.0	17.0
62	15	-12.0	2.0	3.0	17.0
102	15	-12.0	2.0	3.0	17.0
110-126	15	-12.0	2.0	3.0	17.0
134	15	-12.0	2.0	3.0	17.0
151-159	15	-12.0	2.0	3.0	17.0

EUT State	Full Power-MIMO				
Mode	11ax 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	18.0	-12.0	2.0	6.0	20.0
46-54	18.0	-12.0	2.0	6.0	20.0
62	18.0	-12.0	2.0	6.0	20.0
102	18.0	-12.0	2.0	6.0	20.0
110-126	18.0	-12.0	2.0	6.0	20.0
134	18.0	-12.0	2.0	6.0	20.0
151-159	18.0	-12.0	2.0	6.0	20.0

EUT State	Full Power				
Mode	11ac 80M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	13.5	-8.5	2.0	5.0	15.5
58	13.5	-8.5	2.0	5.0	15.5
106	13.5	-8.5	2.0	5.0	15.5
122	13.5	-8.5	2.0	5.0	15.5
155	13.5	-8.5	2.0	5.0	15.5

EUT State	Full Power				
Mode	11ac 80M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	13.5	-9.5	2.0	4.0	15.5
58	13.5	-9.5	2.0	4.0	15.5
106	13.5	-9.5	2.0	4.0	15.5
122	13.5	-9.5	2.0	4.0	15.5
155	13.5	-9.5	2.0	4.0	15.5

EUT State	Full Power-MIMO				
Mode	11ac 80M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	13.5	-8.5	2.0	5.0	15.5
58	13.5	-8.5	2.0	5.0	15.5
106	13.5	-8.5	2.0	5.0	15.5
122	13.5	-8.5	2.0	5.0	15.5
155	13.5	-8.5	2.0	5.0	15.5

EUT State	Full Power-MIMO				
Mode	11ac 80M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	13.5	-9.5	2.0	4.0	15.5
58	13.5	-9.5	2.0	4.0	15.5
106	13.5	-9.5	2.0	4.0	15.5
122	13.5	-9.5	2.0	4.0	15.5
155	13.5	-9.5	2.0	4.0	15.5

EUT State	Full Power-MIMO				
Mode	11ac 80M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	16.5	-9.0	2.0	7.5	18.5
58	16.5	-9.0	2.0	7.5	18.5
106	16.5	-9.0	2.0	7.5	18.5
122	16.5	-9.0	2.0	7.5	18.5
155	16.5	-9.0	2.0	7.5	18.5

EUT State	Full Power				
Mode	11ax 80M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	14.5	-11.5	2.0	3.0	16.5
58	14.5	-11.5	2.0	3.0	16.5
106	14.5	-11.5	2.0	3.0	16.5
122	14.5	-11.5	2.0	3.0	16.5
155	14.5	-11.5	2.0	3.0	16.5

EUT State	Full Power				
Mode	11ax 80M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	14.5	-11.5	2.0	3.0	16.5
58	14.5	-11.5	2.0	3.0	16.5
106	14.5	-11.5	2.0	3.0	16.5
122	14.5	-11.5	2.0	3.0	16.5
155	14.5	-11.5	2.0	3.0	16.5

EUT State	Full Power-MIMO				
Mode	11ax 80M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	14.5	-11.5	2.0	3.0	16.5
58	14.5	-11.5	2.0	3.0	16.5
106	14.5	-11.5	2.0	3.0	16.5
122	14.5	-11.5	2.0	3.0	16.5
155	14.5	-11.5	2.0	3.0	16.5

EUT State	Full Power-MIMO				
Mode	11ax 80M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	14.5	-11.5	2.0	3.0	16.5
58	14.5	-11.5	2.0	3.0	16.5
106	14.5	-11.5	2.0	3.0	16.5
122	14.5	-11.5	2.0	3.0	16.5
155	14.5	-11.5	2.0	3.0	16.5

EUT State	Full Power-MIMO				
Mode	11ax 80M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	17.5	-11.5	2.0	6.0	19.5
58	17.5	-11.5	2.0	6.0	19.5
106	17.5	-11.5	2.0	6.0	19.5
122	17.5	-11.5	2.0	6.0	19.5
155	17.5	-11.5	2.0	6.0	19.5

EUT State	Full Power				
Mode	11ac 160M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	13.5	-8.5	2.0	5.0	15.5
58	13.5	-8.5	2.0	5.0	15.5
106	13.5	-8.5	2.0	5.0	15.5
122	13.5	-8.5	2.0	5.0	15.5
155	13.5	-8.5	2.0	5.0	15.5

EUT State	Full Power				
Mode	11ac 160M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	13.5	-11.0	2.0	2.5	15.5
58	13.5	-11.0	2.0	2.5	15.5
106	13.5	-11.0	2.0	2.5	15.5
122	13.5	-11.0	2.0	2.5	15.5
155	13.5	-11.0	2.0	2.5	15.5

EUT State	Full Power-MIMO				
Mode	11ac 160M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	13.5	-8.5	2.0	5.0	15.5
58	13.5	-8.5	2.0	5.0	15.5
106	13.5	-8.5	2.0	5.0	15.5
122	13.5	-8.5	2.0	5.0	15.5
155	13.5	-8.5	2.0	5.0	15.5

EUT State	Full Power-MIMO				
Mode	11ac 160M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	13.5	-11.0	2.0	2.5	15.5
58	13.5	-11.0	2.0	2.5	15.5
106	13.5	-11.0	2.0	2.5	15.5
122	13.5	-11.0	2.0	2.5	15.5
155	13.5	-11.0	2.0	2.5	15.5

EUT State	Full Power-MIMO				
Mode	11ac 160M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	16.5	-9.6	2.0	6.9	18.5
58	16.5	-9.6	2.0	6.9	18.5
106	16.5	-9.6	2.0	6.9	18.5
122	16.5	-9.6	2.0	6.9	18.5
155	16.5	-9.6	2.0	6.9	18.5

EUT State	Full Power				
Mode	11ax 160M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	14	-11.0	2.0	3.0	16.0
58	14	-11.0	2.0	3.0	16.0
106	14	-11.0	2.0	3.0	16.0
122	14	-11.0	2.0	3.0	16.0
155	14	-11.0	2.0	3.0	16.0

EUT State	Full Power				
Mode	11ax 160M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	14	-11.0	2.0	3.0	16.0
58	14	-11.0	2.0	3.0	16.0
106	14	-11.0	2.0	3.0	16.0
122	14	-11.0	2.0	3.0	16.0
155	14	-11.0	2.0	3.0	16.0

EUT State	Full Power-MIMO				
Mode	11ax 160M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	14	-11.0	2.0	3.0	16.0
58	14	-11.0	2.0	3.0	16.0
106	14	-11.0	2.0	3.0	16.0
122	14	-11.0	2.0	3.0	16.0
155	14	-11.0	2.0	3.0	16.0

EUT State	Full Power-MIMO				
Mode	11ax 160M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	14	-11.0	2.0	3.0	16.0
58	14	-11.0	2.0	3.0	16.0
106	14	-11.0	2.0	3.0	16.0
122	14	-11.0	2.0	3.0	16.0
155	14	-11.0	2.0	3.0	16.0

EUT State	Full Power-MIMO				
Mode	11ax 160M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	17.0	-11.0	2.0	6.0	19.0
58	17.0	-11.0	2.0	6.0	19.0
106	17.0	-11.0	2.0	6.0	19.0
122	17.0	-11.0	2.0	6.0	19.0
155	17.0	-11.0	2.0	6.0	19.0

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EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO				
Mode	11a 20M					Mode	11a 20M					Mode	11a 20M					Mode	11a 20M					Mode	11a 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36、40	14.5	-4.0	2.0	10.5	16.5	36、40	14.5	-5.0	2.1	9.5	16.6	36、40	14.5	-4.0	2.0	10.5	16.5	36、40	14.5	-5.0	2.0	9.5	16.5	36、40	17.5103	-4.5	2.0	13.0	19.5
44-60	15	-4.5	2.0	10.5	17.0	44-60	15	-5.5	2.1	9.5	17.1	44-60	15	-4.5	2.0	10.5	17.0	44-60	15	-5.5	2.0	9.5	17.0	44-60	18.0103	-5.0	2.0	13.0	20.0
64	15	-4.5	2.0	10.5	17.0	64	15	-5.5	2.1	9.5	17.1	64	15	-4.5	2.0	10.5	17.0	64	15	-5.5	2.0	9.5	17.0	64	18.0103	-5.0	2.0	13.0	20.0
100	15	-4.5	2.0	10.5	17.0	100	15	-5.5	2.1	9.5	17.1	100	15	-4.5	2.0	10.5	17.0	100	15	-5.5	2.0	9.5	17.0	100	18.0103	-5.0	2.0	13.0	20.0
104	15	-4.5	2.0	10.5	17.0	104	15	-5.5	2.1	9.5	17.1	104	15	-4.5	2.0	10.5	17.0	104	15	-5.5	2.0	9.5	17.0	104	18.0103	-5.0	2.0	13.0	20.0
108-132	15	-4.5	2.0	10.5	17.0	108-132	15	-5.5	2.1	9.5	17.1	108-132	15	-4.5	2.0	10.5	17.0	108-132	15	-5.5	2.0	9.5	17.0	108-132	18.0103	-5.0	2.0	13.0	20.0
136、140	15	-4.5	2.0	10.5	17.0	136、140	15	-5.5	2.1	9.5	17.1	136、140	15	-4.5	2.0	10.5	17.0	136、140	15	-5.5	2.0	9.5	17.0	136、140	18.0103	-5.0	2.0	13.0	20.0
144	14	-3.5	2.0	10.5	16.0	144	14	-4.5	2.1	9.5	16.1	144	14	-3.5	2.0	10.5	16.0	144	14	-4.5	2.0	9.5	16.0	144	17.0103	-4.0	2.0	13.0	19.0
149-165	15	-4.5	2.0	10.5	17.0	149-165	15	-5.5	2.1	9.5	17.1	149-165	15	-4.5	2.0	10.5	17.0	149-165	15	-5.5	2.0	9.5	17.0	149-165	18.0103	-5.0	2.0	13.0	20.0

EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO				
Mode	11n 20M					Mode	11n 20M					Mode	11n 20M					Mode	11n 20M					Mode	11n 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-4.5	2.0	10.5	17.0	36	15	-4.5	2.0	10.5	17.0	36	15	-4.5	2.0	10.5	17.0	36	15	-4.5	2.0	10.5	17.0	36	18.0	-4.5	2.0	13.5	20.0
40-60	15	-4.5	2.0	10.5	17.0	40-60	15	-4.5	2.0	10.5	17.0	40-60	15	-4.5	2.0	10.5	17.0	40-60	15	-4.5	2.0	10.5	17.0	40-60	18.0	-4.5	2.0	13.5	20.0
64	15	-4.5	2.0	10.5	17.0	64	15	-4.5	2.0	10.5	17.0	64	15	-4.5	2.0	10.5	17.0	64	15	-4.5	2.0	10.5	17.0	64	18.0	-4.5	2.0	13.5	20.0
100	15	-4.5	2.0	10.5	17.0	100	15	-4.5	2.0	10.5	17.0	100	15	-4.5	2.0	10.5	17.0	100	15	-4.5	2.0	10.5	17.0	100	18.0	-4.5	2.0	13.5	20.0
104	15	-4.5	2.0	10.5	17.0	104	15	-4.5	2.0	10.5	17.0	104	15	-4.5	2.0	10.5	17.0	104	15	-4.5	2.0	10.5	17.0	104	18.0	-4.5	2.0	13.5	20.0
108-132	15	-4.5	2.0	10.5	17.0	108-132	15	-4.5	2.0	10.5	17.0	108-132	15	-4.5	2.0	10.5	17.0	108-132	15	-4.5	2.0	10.5	17.0	108-132	18.0	-4.5	2.0	13.5	20.0
136	15	-4.5	2.0	10.5	17.0	136	15	-4.5	2.0	10.5	17.0	136	15	-4.5	2.0	10.5	17.0	136	15	-4.5	2.0	10.5	17.0	136	18.0	-4.5	2.0	13.5	20.0
140	15	-4.5	2.0	10.5	17.0	140	15	-4.5	2.0	10.5	17.0	140	15	-4.5	2.0	10.5	17.0	140	15	-4.5	2.0	10.5	17.0	140	18.0	-4.5	2.0	13.5	20.0
149-165	15	-4.5	2.0	10.5	17.0	149-165	15	-4.5	2.0	10.5	17.0	149-165	15	-4.5	2.0	10.5	17.0	149-165	15	-4.5	2.0	10.5	17.0	149-165	18.0	-4.5	2.0	13.5	20.0

EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO				
Mode	11ac 20M					Mode	11ac 20M					Mode	11ac 20M					Mode	11ac 20M					Mode	11ac 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-8.0	2.0	7.0	17.0	36	15	-9.5	2.0	5.5	17.0	36	15	-8.0	2.0	7.0	17.0	36	15	-9.5	2.0	5.5	17.0	36	18.0	-8.7	2.0	9.3	20.0
40-60	15	-8.0	2.0	7.0	17.0	40-60	15	-9.5	2.0	5.5	17.0	40-60	15	-8.0	2.0	7.0	17.0	40-60	15	-9.5	2.0	5.5	17.0	40-60	18.0	-8.7	2.0	9.3	20.0
64	15	-8.0	2.0	7.0	17.0	64	15	-9.5	2.0	5.5	17.0	64	15	-8.0	2.0	7.0	17.0	64	15	-9.5	2.0	5.5	17.0	64	18.0	-8.7	2.0	9.3	20.0
100	15	-8.0	2.0	7.0	17.0	100	15	-9.5	2.0	5.5	17.0	100	15	-8.0	2.0	7.0	17.0	100	15	-9.5	2.0	5.5	17.0	100	18.0	-8.7	2.0	9.3	20.0
104	15	-8.0	2.0	7.0	17.0	104	15	-9.5	2.0	5.5	17.0	104	15	-8.0	2.0	7.0	17.0	104	15	-9.5	2.0	5.5	17.0	104	18.0	-8.7	2.0	9.3	20.0
108-132	15	-8.0	2.0	7.0	17.0	108-132	15	-9.5	2.0	5.5	17.0	108-132	15	-8.0	2.0	7.0	17.0	108-132	15	-9.5	2.0	5.5	17.0	108-132	18.0	-8.7	2.0	9.3	20.0
136	15	-8.0	2.0	7.0	17.0	136	15	-9.5	2.0	5.5	17.0	136	15	-8.0	2.0	7.0	17.0	136	15	-9.5	2.0	5.5	17.0	136	18.0	-8.7	2.0	9.3	20.0
140	15	-8.0	2.0	7.0	17.0	140	15	-9.5	2.0	5.5	17.0	140	15	-8.0	2.0	7.0	17.0	140	15	-9.5	2.0	5.5	17.0	140	18.0	-8.7	2.0	9.3	20.0
149-165	15	-8.0	2.0	7.0	17.0	149-165	15	-9.5	2.0	5.5	17.0	149-165	15	-8.0	2.0	7.0	17.0	149-165	15	-9.5	2.0	5.5	17.0	149-165	18.0	-8.7	2.0	9.3	20.0

EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO				
Mode	11ax 20M					Mode	11ax 20M					Mode	11ax 20M					Mode	11ax 20M					Mode	11ax 20M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	15	-12.0	2.0	3.0	17.0	36	15	-13.0	2.0	2.0	17.0	36	15	-12.0	2.0	3.0	17.0	36	15	-13.0	2.0	2.0	17.0	36	18.0	-12.5	2.0	5.5	20.0
40-60	15	-12.0	2.0	3.0	17.0	40-60	15	-13.0	2.0	2.0	17.0	40-60	15	-12.0	2.0	3.0	17.0	40-60	15	-13.0	2.0	2.0	17.0	40-60	18.0	-12.5	2.0	5.5	20.0
64	15	-12.0	2.0	3.0	17.0	64	15	-13.0	2.0	2.0	17.0	64	15	-12.0	2.0	3.0	17.0	64	15	-13.0	2.0	2.0	17.0	64	18.0	-12.5	2.0	5.5	20.0
100	15	-12.0	2.0	3.0	17.0	100	15	-13.0	2.0	2.0	17.0	100	15	-12.0	2.0	3.0	17.0	100	15	-13.0	2.0	2.0	17.0	100	18.0	-12.5	2.0	5.5	20.0
104	15	-12.0	2.0	3.0	17.0	104	15	-13.0	2.0	2.0	17.0	104	15	-12.0	2.0	3.0	17.0	104	15	-13.0	2.0	2.0	17.0	104	18.0	-12.5	2.0	5.5	20.0
108-132	15	-12.0	2.0	3.0	17.0	108-132	15	-13.0	2.0	2.0	17.0	108-132	15	-12.0	2.0	3.0	17.0	108-132	15	-13.0	2.0	2.0	17.0	108-132	18.0	-12.5	2.0	5.5	20.0
136	15	-12.0	2.0	3.0	17.0	136	15	-13.0	2.0	2.0	17.0	136	15	-12.0	2.0	3.0	17.0	136	15	-13.0	2.0	2.0	17.0	136	18.0	-12.5	2.0	5.5	20.0
140	15	-12.0	2.0	3.0	17.0	140	15	-13.0	2.0	2.0	17.0	140	15	-12.0	2.0	3.0	17.0	140	15	-13.0	2.0	2.0	17.0	140	18.0	-12.5	2.0	5.5	20.0
149-165	15	-12.0	2.0	3.0	17.0	149-165	15	-13.0	2.0	2.0	17.0	149-165	15	-12.0	2.0	3.0	17.0	149-165	15	-13.0	2.0	2.0	17.0	149-165	18.0	-12.5	2.0	5.5	20.0

EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO				
Mode	11n 40M					Mode	11n 40M					Mode	11n 40M					Mode	11n 40M					Mode	11n 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-4.5	2.1	10.5	17.1	**38**	15	-4.5	2.0	10.5	17.0	**38**	15	-4.5	2.1	10.5	17.1	**38**	15	-4.5	2.0	10.5	17.0	**38**	18.0	-4.5	2.0	13.5	20.0
46-54	15	-4.5	2.1	10.5	17.1	46-54	15	-4.5	2.0	10.5	17.0	46-54	15	-4.5	2.1	10.5	17.1	46-54	15	-4.5	2.0	10.5	17.0	46-54	18.0	-4.5	2.0	13.5	20.0
62	15	-4.5	2.1	10.5	17.1	**62**	15	-4.5	2.0	10.5	17.0	**62**	15	-4.5	2.1	10.5	17.1	**62**	15	-4.5	2.0	10.5	17.0	**62**	18.0	-4.5	2.0	13.5	20.0
102	15	-4.5	2.1	10.5	17.1	**102**	15	-4.5	2.0	10.5	17.0	**102**	15	-4.5	2.1	10.5	17.1	**102**	15	-4.5	2.0	10.5	17.0	**102**	18.0	-4.5	2.0	13.5	20.0
110-126	15	-4.5	2.1	10.5	17.1	110-126	15	-4.5	2.0	10.5	17.0	110-126	15	-4.5	2.1	10.5	17.1	110-126	15	-4.5	2.0	10.5	17.0	110-126	18.0	-4.5	2.0	13.5	20.0
134	15	-4.5	2.1	10.5	17.1	**134**	15	-4.5	2.0	10.5	17.0	**134**	15	-4.5	2.1	10.5	17.1	**134**	15	-4.5	2.0	10.5	17.0	**134**	18.0	-4.5	2.0	13.5	20.0
151-159	15	-4.5	2.1	10.5	17.1	151-159	15	-4.5	2.0	10.5	17.0	151-159	15	-4.5	2.1	10.5	17.1	151-159	15	-4.5	2.0	10.5	17.0	151-159	18.0	-4.5	2.0	13.5	20.0

EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO				
Mode	11ac 40M					Mode	11ac 40M					Mode	11ac 40M					Mode	11ac 40M					Mode	11ac 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-8.5	2.0	6.5	17.0	**38**	15	-10.0	2.0	5.0	17.0	**38**	15	-8.5	2.0	6.5	17.0	**38**	15	-10.0	2.0	5.0	17.0	**38**	18.0	-9.2	2.0	8.8	20.0
46-54	15	-8.5	2.0	6.5	17.0	46-54	15	-10.0	2.0	5.0	17.0	46-54	15	-8.5	2.0	6.5	17.0	46-54	15	-10.0	2.0	5.0	17.0	46-54	18.0	-9.2	2.0	8.8	20.0
62	15	-8.5	2.0	6.5	17.0	**62**	15	-10.0	2.0	5.0	17.0	**62**	15	-8.5	2.0	6.5	17.0	**62**	15	-10.0	2.0	5.0	17.0	**62**	18.0	-9.2	2.0	8.8	20.0
102	15	-8.5	2.0	6.5	17.0	**102**	15	-10.0	2.0	5.0	17.0	**102**	15	-8.5	2.0	6.5	17.0	**102**	15	-10.0	2.0	5.0	17.0	**102**	18.0	-9.2	2.0	8.8	20.0
110-126	15	-8.5	2.0	6.5	17.0	110-126	15	-10.0	2.0	5.0	17.0	110-126	15	-8.5	2.0	6.5	17.0	110-126	15	-10.0	2.0	5.0	17.0	110-126	18.0	-9.2	2.0	8.8	20.0
134	15	-8.5	2.0	6.5	17.0	**134**	15	-10.0	2.0	5.0	17.0	**134**	15	-8.5	2.0	6.5	17.0	**134**	15	-10.0	2.0	5.0	17.0	**134**	18.0	-9.2	2.0	8.8	20.0
151-159	15	-8.5	2.0	6.5	17.0	151-159	15	-10.0	2.0	5.0	17.0	151-159	15	-8.5	2.0	6.5	17.0	151-159	15	-10.0	2.0	5.0	17.0	151-159	18.0	-9.2	2.0	8.8	20.0

EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO				
Mode	11ax 40M					Mode	11ax 40M					Mode	11ax 40M					Mode	11ax 40M					Mode	11ax 40M				
Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	15	-12.0	2.0	3.0	17.0	**38**	15	-12.0	2.0	3.0	17.0	**38**	15	-12.0	2.0	3.0	17.0	**38**	15	-12.0	2.0	3.0	17.0	**38**	18.0	-12.0	2.0	6.0	20.0
46-54	15	-12.0	2.0	3.0	17.0	46-54	15	-12.0	2.0	3.0	17.0	46-54	15	-12.0	2.0	3.0	17.0	46-54	15	-12.0	2.0	3.0	17.0	46-54	18.0	-12.0	2.0	6.0	20.0
62	15	-12.0	2.0	3.0	17.0	**62**	15	-12.0	2.0	3.0	17.0	**62**	15	-12.0	2.0	3.0	17.0	**62**	15	-12.0	2.0	3.0	17.0	**62**	18.0	-12.0	2.0	6.0	20.0
102	15	-12.0	2.0	3.0	17.0	**102**	15	-12.0	2.0	3.0	17.0	**102**	15	-12.0	2.0	3.0	17.0	**102**	15	-12.0	2.0	3.0	17.0	**102**	18.0	-12.0	2.0	6.0	20.0
110-126	15	-12.0	2.0	3.0	17.0	110-126	15	-12.0	2.0	3.0	17.0	110-126	15	-12.0	2.0	3.0	17.0	110-126	15	-12.0	2.0	3.0	17.0	110-126	18.0	-12.0	2.0	6.0	20.0
134	15	-12.0	2.0	3.0	17.0	**134**	15	-12.0	2.0	3.0	17.0	**134**	15	-12.0	2.0	3.0	17.0	**134**	15	-12.0	2.0	3.0	17.0	**134**	18.0	-12.0	2.0	6.0	20.0
151-159	15	-12.0	2.0	3.0	17.0	151-159	15	-12.0	2.0	3.0	17.0	151-159	15	-12.0	2.0	3.0	17.0	151-159	15	-12.0	2.0	3.0	17.0	151-159	18.0	-12.0	2.0	6.0	20.0

EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO				
Mode	11ac 80M					Mode	11ac 80M					Mode	11ac 80M					Mode	11ac 80M					Mode	11ac 80M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	13.5	-8.5	2.0	5.0	15.5	**42**	13.5	-9.5	2.0	4.0	15.5	**42**	13.5	-8.5	2.0	5.0	15.5	**42**	13.5	-9.5	2.0	4.0	15.5	**42**	16.5	-9.0	2.0	7.5	18.5
58	13.5	-8.5	2.0	5.0	15.5	**58**	13.5	-9.5	2.0	4.0	15.5	**58**	13.5	-8.5	2.0	5.0	15.5	**58**	13.5	-9.5	2.0	4.0	15.5	**58**	16.5	-9.0	2.0	7.5	18.5
106	13.5	-8.5	2.0	5.0	15.5	**106**	13.5	-9.5	2.0	4.0	15.5	**106**	13.5	-8.5	2.0	5.0	15.5	**106**	13.5	-9.5	2.0	4.0	15.5	**106**	16.5	-9.0	2.0	7.5	18.5
122	13.5	-8.5	2.0	5.0	15.5	**122**	13.5	-9.5	2.0	4.0	15.5	**122**	13.5	-8.5	2.0	5.0	15.5	**122**	13.5	-9.5	2.0	4.0	15.5	**122**	16.5	-9.0	2.0	7.5	18.5
155	13.5	-8.5	2.0	5.0	15.5	155	13.5	-9.5	2.0	4.0	15.5	155	13.5	-8.5	2.0	5.0	15.5	155	13.5	-9.5	2.0	4.0	15.5	155	16.5	-9.0	2.0	7.5	18.5

EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO				
Mode	11ax 80M					Mode	11ax 80M					Mode	11ax 80M					Mode	11ax 80M					Mode	11ax 80M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	14.5	-11.5	2.0	3.0	16.5	**42**	14.5	-11.5	2.0	3.0	16.5	**42**	14.5	-11.5	2.0	3.0	16.5	**42**	14.5	-11.5	2.0	3.0	16.5	**42**	17.5	-11.5	2.0	6.0	19.5
58	14.5	-11.5	2.0	3.0	16.5	**58**	14.5	-11.5	2.0	3.0	16.5	**58**	14.5	-11.5	2.0	3.0	16.5	**58**	14.5	-11.5	2.0	3.0	16.5	**58**	17.5	-11.5	2.0	6.0	19.5
106	14.5	-11.5	2.0	3.0	16.5	**106**	14.5	-11.5	2.0	3.0	16.5	**106**	14.5	-11.5	2.0	3.0	16.5	**106**	14.5	-11.5	2.0	3.0	16.5	**106**	17.5	-11.5	2.0	6.0	19.5
122	14.5	-11.5	2.0	3.0	16.5	**122**	14.5	-11.5	2.0	3.0	16.5	**122**	14.5	-11.5	2.0	3.0	16.5	**122**	14.5	-11.5	2.0	3.0	16.5	**122**	17.5	-11.5	2.0	6.0	19.5
155	14.5	-11.5	2.0	3.0	16.5	155	14.5	-11.5	2.0	3.0	16.5	155	14.5	-11.5	2.0	3.0	16.5	155	14.5	-11.5	2.0	3.0	16.5	155	17.5	-11.5	2.0	6.0	19.5

EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO				
Mode	11ac 160M					Mode	11ac 160M					Mode	11ac 160M					Mode	11ac 160M					Mode	11ac 160M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	13.5	-8.5	2.0	5.0	15.5	**42**	13.5	-11.0	2.0	2.5	15.5	**42**	13.5	-8.5	2.0	5.0	15.5	**42**	13.5	-11.0	2.0	2.5	15.5	**42**	16.5	-9.6	2.0	6.9	18.5
58	13.5	-8.5	2.0	5.0	15.5	**58**	13.5	-11.0	2.0	2.5	15.5	**58**	13.5	-8.5	2.0	5.0	15.5	**58**	13.5	-11.0	2.0	2.5	15.5	**58**	16.5	-9.6	2.0	6.9	18.5
106	13.5	-8.5	2.0	5.0	15.5	**106**	13.5	-11.0	2.0	2.5	15.5	**106**	13.5	-8.5	2.0	5.0	15.5	**106**	13.5	-11.0	2.0	2.5	15.5	**106**	16.5	-9.6	2.0	6.9	18.5
122	13.5	-8.5	2.0	5.0	15.5	**122**	13.5	-11.0	2.0	2.5	15.5	**122**	13.5	-8.5	2.0	5.0	15.5	**122**	13.5	-11.0	2.0	2.5	15.5	**122**	16.5	-9.6	2.0	6.9	18.5
155	13.5	-8.5	2.0	5.0	15.5	155	13.5	-11.0	2.0	2.5	15.5	155	13.5	-8.5	2.0	5.0	15.5	155	13.5	-11.0	2.0	2.5	15.5	155	16.5	-9.6	2.0	6.9	18.5

EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off)					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO					EUT State	WIFI station (rcv off) -MIMO				
Mode	11ax 160M					Mode	11ax 160M					Mode	11ax 160M					Mode	11ax 160M					Mode	11ax 160M				
FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Channel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	14	-11.0	2.0	3.0	16.0	**42**	14	-11.0	2.0	3.0	16.0	**42**	14	-11.0	2.0	3.0	16.0	**42**	14	-11.0	2.0	3.0	16.0	**42**	17.0	-11.0	2.0	6.0	19.0
58	14	-11.0	2.0	3.0	16.0	**58**	14	-11.0	2.0	3.0	16.0	**58**	14	-11.0	2.0	3.0	16.0	**58**	14	-11.0	2.0	3.0	16.0	**58**	17.0	-11.0	2.0	6.0	19.0
106	14	-11.0	2.0	3.0	16.0	**106**	14	-11.0	2.0	3.0	16.0	**106**	14	-11.0	2.0	3.0	16.0	**106**	14	-11.0	2.0	3.0	16.0	**106**	17.0	-11.0	2.0	6.0	19.0
122	14	-11.0	2.0	3.0	16.0	**122**	14	-11.0	2.0	3.0	16.0	**122**	14	-11.0	2.0	3.0	16.0	**122**	14	-11.0	2.0	3.0	16.0	**122**	17.0	-11.0	2.0	6.0	19.0
155	14	-11.0	2.0	3.0	16.0	155	14	-11.0	2.0	3.0	16.0	155	14	-11.0	2.0	3.0	16.0	155	14	-11.0	2.0	3.0	16.0	155	17.0	-11.0	2.0	6.0	19.0

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EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)-MIMO																
Mode	11a					Mode	11a					Mode	11a					Mode	11a					Mode	11a				
Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	9	-2.0	2.0	7.0	11.0	36	9	-2.0	2.0	7.0	11.0	36	6	-2.0	2.0	4.0	8.0	36	6	-2.0	2.0	4.0	8.0	36	9.0	-2.0	2.0	7.0	11.0
40-60	9	-2.0	2.0	7.0	11.0	40-60	9	-2.0	2.0	7.0	11.0	40-60	6	-2.0	2.0	4.0	8.0	40-60	6	-2.0	2.0	4.0	8.0	40-60	9.0	-2.0	2.0	7.0	11.0
64	9	-2.0	2.0	7.0	11.0	64	9	-2.0	2.0	7.0	11.0	64	6	-2.0	2.0	4.0	8.0	64	6	-2.0	2.0	4.0	8.0	64	9.0	-2.0	2.0	7.0	11.0
100	9	-2.0	2.0	7.0	11.0	100	9	-2.0	2.0	7.0	11.0	100	6	-2.0	2.0	4.0	8.0	100	6	-2.0	2.0	4.0	8.0	100	9.0	-2.0	2.0	7.0	11.0
104	9	-2.0	2.0	7.0	11.0	104	9	-2.0	2.0	7.0	11.0	104	6	-2.0	2.0	4.0	8.0	104	6	-2.0	2.0	4.0	8.0	104	9.0	-2.0	2.0	7.0	11.0
108-132	9	-2.0	2.0	7.0	11.0	108-132	9	-2.0	2.0	7.0	11.0	108-132	6	-2.0	2.0	4.0	8.0	108-132	6	-2.0	2.0	4.0	8.0	108-132	9.0	-2.0	2.0	7.0	11.0
136	9	-2.0	2.0	7.0	11.0	136	9	-2.0	2.0	7.0	11.0	136	6	-2.0	2.0	4.0	8.0	136	6	-2.0	2.0	4.0	8.0	136	9.0	-2.0	2.0	7.0	11.0
140	9	-2.0	2.0	7.0	11.0	140	9	-2.0	2.0	7.0	11.0	140	6	-2.0	2.0	4.0	8.0	140	6	-2.0	2.0	4.0	8.0	140	9.0	-2.0	2.0	7.0	11.0
149-165	9	-2.0	2.0	7.0	11.0	149-165	9	-2.0	2.0	7.0	11.0	149-165	6	-2.0	2.0	4.0	8.0	149-165	6	-2.0	2.0	4.0	8.0	149-165	9.0	-2.0	2.0	7.0	11.0

EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)-MIMO																
Mode	11n 20M					Mode	11n 20M					Mode	11n 20M					Mode	11n 20M					Mode	11n 20M				
Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	9	-2.0	2.0	7.0	11.0	36	9	-2.0	2.0	7.0	11.0	36	6	-2.0	2.0	4.0	8.0	36	6	-2.0	2.0	4.0	8.0	36	9.0	-2.0	2.0	7.0	11.0
40-60	9	-2.0	2.0	7.0	11.0	40-60	9	-2.0	2.0	7.0	11.0	40-60	6	-2.0	2.0	4.0	8.0	40-60	6	-2.0	2.0	4.0	8.0	40-60	9.0	-2.0	2.0	7.0	11.0
64	9	-2.0	2.0	7.0	11.0	64	9	-2.0	2.0	7.0	11.0	64	6	-2.0	2.0	4.0	8.0	64	6	-2.0	2.0	4.0	8.0	64	9.0	-2.0	2.0	7.0	11.0
100	9	-2.0	2.0	7.0	11.0	100	9	-2.0	2.0	7.0	11.0	100	6	-2.0	2.0	4.0	8.0	100	6	-2.0	2.0	4.0	8.0	100	9.0	-2.0	2.0	7.0	11.0
104	9	-2.0	2.0	7.0	11.0	104	9	-2.0	2.0	7.0	11.0	104	6	-2.0	2.0	4.0	8.0	104	6	-2.0	2.0	4.0	8.0	104	9.0	-2.0	2.0	7.0	11.0
108-132	9	-2.0	2.0	7.0	11.0	108-132	9	-2.0	2.0	7.0	11.0	108-132	6	-2.0	2.0	4.0	8.0	108-132	6	-2.0	2.0	4.0	8.0	108-132	9.0	-2.0	2.0	7.0	11.0
136	9	-2.0	2.0	7.0	11.0	136	9	-2.0	2.0	7.0	11.0	136	6	-2.0	2.0	4.0	8.0	136	6	-2.0	2.0	4.0	8.0	136	9.0	-2.0	2.0	7.0	11.0
140	9	-2.0	2.0	7.0	11.0	140	9	-2.0	2.0	7.0	11.0	140	6	-2.0	2.0	4.0	8.0	140	6	-2.0	2.0	4.0	8.0	140	9.0	-2.0	2.0	7.0	11.0
149-165	9	-2.0	2.0	7.0	11.0	149-165	9	-2.0	2.0	7.0	11.0	149-165	6	-2.0	2.0	4.0	8.0	149-165	6	-2.0	2.0	4.0	8.0	149-165	9.0	-2.0	2.0	7.0	11.0

EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)-MIMO																
Mode	11ac 20M					Mode	11ac 20M					Mode	11ac 20M					Mode	11ac 20M					Mode	11ac 20M				
Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	9	-2.0	2.0	7.0	11.0	36	9	-2.0	2.0	7.0	11.0	36	6	-2.0	2.0	4.0	8.0	36	6	-2.0	2.0	4.0	8.0	36	9.0	-2.0	2.0	7.0	11.0
40-60	9	-2.0	2.0	7.0	11.0	40-60	9	-2.0	2.0	7.0	11.0	40-60	6	-2.0	2.0	4.0	8.0	40-60	6	-2.0	2.0	4.0	8.0	40-60	9.0	-2.0	2.0	7.0	11.0
64	9	-2.0	2.0	7.0	11.0	64	9	-2.0	2.0	7.0	11.0	64	6	-2.0	2.0	4.0	8.0	64	6	-2.0	2.0	4.0	8.0	64	9.0	-2.0	2.0	7.0	11.0
100	9	-2.0	2.0	7.0	11.0	100	9	-2.0	2.0	7.0	11.0	100	6	-2.0	2.0	4.0	8.0	100	6	-2.0	2.0	4.0	8.0	100	9.0	-2.0	2.0	7.0	11.0
104	9	-2.0	2.0	7.0	11.0	104	9	-2.0	2.0	7.0	11.0	104	6	-2.0	2.0	4.0	8.0	104	6	-2.0	2.0	4.0	8.0	104	9.0	-2.0	2.0	7.0	11.0
108-132	9	-2.0	2.0	7.0	11.0	108-132	9	-2.0	2.0	7.0	11.0	108-132	6	-2.0	2.0	4.0	8.0	108-132	6	-2.0	2.0	4.0	8.0	108-132	9.0	-2.0	2.0	7.0	11.0
136	9	-2.0	2.0	7.0	11.0	136	9	-2.0	2.0	7.0	11.0	136	6	-2.0	2.0	4.0	8.0	136	6	-2.0	2.0	4.0	8.0	136	9.0	-2.0	2.0	7.0	11.0
140	9	-2.0	2.0	7.0	11.0	140	9	-2.0	2.0	7.0	11.0	140	6	-2.0	2.0	4.0	8.0	140	6	-2.0	2.0	4.0	8.0	140	9.0	-2.0	2.0	7.0	11.0
149-165	9	-2.0	2.0	7.0	11.0	149-165	9	-2.0	2.0	7.0	11.0	149-165	6	-2.0	2.0	4.0	8.0	149-165	6	-2.0	2.0	4.0	8.0	149-165	9.0	-2.0	2.0	7.0	11.0

EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)-MIMO																
Mode	11ax 20M					Mode	11ax 20M					Mode	11ax 20M					Mode	11ax 20M					Mode	11ax 20M				
Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	9	-2.0	2.0	7.0	11.0	36	9	-2.0	2.0	7.0	11.0	36	6	-2.0	2.0	4.0	8.0	36	6	-2.0	2.0	4.0	8.0	36	9.0	-2.0	2.0	7.0	11.0
40-60	9	-2.0	2.0	7.0	11.0	40-60	9	-2.0	2.0	7.0	11.0	40-60	6	-2.0	2.0	4.0	8.0	40-60	6	-2.0	2.0	4.0	8.0	40-60	9.0	-2.0	2.0	7.0	11.0
64	9	-2.0	2.0	7.0	11.0	64	9	-2.0	2.0	7.0	11.0	64	6	-2.0	2.0	4.0	8.0	64	6	-2.0	2.0	4.0	8.0	64	9.0	-2.0	2.0	7.0	11.0
100	9	-2.0	2.0	7.0	11.0	100	9	-2.0	2.0	7.0	11.0	100	6	-2.0	2.0	4.0	8.0	100	6	-2.0	2.0	4.0	8.0	100	9.0	-2.0	2.0	7.0	11.0
104	9	-2.0	2.0	7.0	11.0	104	9	-2.0	2.0	7.0	11.0	104	6	-2.0	2.0	4.0	8.0	104	6	-2.0	2.0	4.0	8.0	104	9.0	-2.0	2.0	7.0	11.0
108-132	9	-2.0	2.0	7.0	11.0	108-132	9	-2.0	2.0	7.0	11.0	108-132	6	-2.0	2.0	4.0	8.0	108-132	6	-2.0	2.0	4.0	8.0	108-132	9.0	-2.0	2.0	7.0	11.0
136	9	-2.0	2.0	7.0	11.0	136	9	-2.0	2.0	7.0	11.0	136	6	-2.0	2.0	4.0	8.0	136	6	-2.0	2.0	4.0	8.0	136	9.0	-2.0	2.0	7.0	11.0
140	9	-2.0	2.0	7.0	11.0	140	9	-2.0	2.0	7.0	11.0	140	6	-2.0	2.0	4.0	8.0	140	6	-2.0	2.0	4.0	8.0	140	9.0	-2.0	2.0	7.0	11.0
149-165	9	-2.0	2.0	7.0	11.0	149-165	9	-2.0	2.0	7.0	11.0	149-165	6	-2.0	2.0	4.0	8.0	149-165	6	-2.0	2.0	4.0	8.0	149-165	9.0	-2.0	2.0	7.0	11.0

EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)-MIMO																
Mode	11n 40M					Mode	11n 40M					Mode	11n 40M					Mode	11n 40M					Mode	11n 40M				
Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	9	-2.0	2.0	7.0	11.0	38	9	-2.0	2.0	7.0	11.0	38	6	-2.0	2.0	4.0	8.0	38	6	-2.0	2.0	4.0	8.0	38	9.0	-2.0	2.0	7.0	11.0
46-54	9	-2.0	2.0	7.0	11.0	46-54	9	-2.0	2.0	7.0	11.0	46-54	6	-2.0	2.0	4.0	8.0	46-54	6	-2.0	2.0	4.0	8.0	46-54	9.0	-2.0	2.0	7.0	11.0
62	9	-2.0	2.0	7.0	11.0	62	9	-2.0	2.0	7.0	11.0	62	6	-2.0	2.0	4.0	8.0	62	6	-2.0	2.0	4.0	8.0	62	9.0	-2.0	2.0	7.0	11.0
102	9	-2.0	2.0	7.0	11.0	102	9	-2.0	2.0	7.0	11.0	102	6	-2.0	2.0	4.0	8.0	102	6	-2.0	2.0	4.0	8.0	102	9.0	-2.0	2.0	7.0	11.0
110-126	9	-2.0	2.0	7.0	11.0	110-126	9	-2.0	2.0	7.0	11.0	110-126	6	-2.0	2.0	4.0	8.0	110-126	6	-2.0	2.0	4.0	8.0	110-126	9.0	-2.0	2.0	7.0	11.0
134	9	-2.0	2.0	7.0	11.0	134	9	-2.0	2.0	7.0	11.0	134	6	-2.0	2.0	4.0	8.0	134	6	-2.0	2.0	4.0	8.0	134	9.0	-2.0	2.0	7.0	11.0
151-159	9	-2.0	2.0	7.0	11.0	151-159	9	-2.0	2.0	7.0	11.0	151-159	6	-2.0	2.0	4.0	8.0	151-159	6	-2.0	2.0	4.0	8.0	151-159	9.0	-2.0	2.0	7.0	11.0

EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)-MIMO																
Mode	11ac 40M					Mode	11ac 40M					Mode	11ac 40M					Mode	11ac 40M					Mode	11ac 40M				
Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	9	-2.0	2.0	7.0	11.0	38	9	-2.0	2.0	7.0	11.0	38	6	-2.0	2.0	4.0	8.0	38	6	-2.0	2.0	4.0	8.0	38	9.0	-2.0	2.0	7.0	11.0
46-54	9	-2.0	2.0	7.0	11.0	46-54	9	-2.0	2.0	7.0	11.0	46-54	6	-2.0	2.0	4.0	8.0	46-54	6	-2.0	2.0	4.0	8.0	46-54	9.0	-2.0	2.0	7.0	11.0
62	9	-2.0	2.0	7.0	11.0	62	9	-2.0	2.0	7.0	11.0	62	6	-2.0	2.0	4.0	8.0	62	6	-2.0	2.0	4.0	8.0	62	9.0	-2.0	2.0	7.0	11.0
102	9	-2.0	2.0	7.0	11.0	102	9	-2.0	2.0	7.0	11.0	102	6	-2.0	2.0	4.0	8.0	102	6	-2.0	2.0	4.0	8.0	102	9.0	-2.0	2.0	7.0	11.0
110-126	9	-2.0	2.0	7.0	11.0	110-126	9	-2.0	2.0	7.0	11.0	110-126	6	-2.0	2.0	4.0	8.0	110-126	6	-2.0	2.0	4.0	8.0	110-126	9.0	-2.0	2.0	7.0	11.0
134	9	-2.0	2.0	7.0	11.0	134	9	-2.0	2.0	7.0	11.0	134	6	-2.0	2.0	4.0	8.0	134	6	-2.0	2.0	4.0	8.0	134	9.0	-2.0	2.0	7.0	11.0
151-159	9	-2.0	2.0	7.0	11.0	151-159	9	-2.0	2.0	7.0	11.0	151-159	6	-2.0	2.0	4.0	8.0	151-159	6	-2.0	2.0	4.0	8.0	151-159	9.0	-2.0	2.0	7.0	11.0

EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)-MIMO																
Mode	11ax 40M					Mode	11ax 40M					Mode	11ax 40M					Mode	11ax 40M					Mode	11ax 40M				
Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	9	-2.0	2.0	7.0	11.0	38	9	-2.0	2.0	7.0	11.0	38	6	-2.0	2.0	4.0	8.0	38	6	-2.0	2.0	4.0	8.0	38	9.0	-2.0	2.0	7.0	11.0
46-54	9	-2.0	2.0	7.0	11.0	46-54	9	-2.0	2.0	7.0	11.0	46-54	6	-2.0	2.0	4.0	8.0	46-54	6	-2.0	2.0	4.0	8.0	46-54	9.0	-2.0	2.0	7.0	11.0
62	9	-2.0	2.0	7.0	11.0	62	9	-2.0	2.0	7.0	11.0	62	6	-2.0	2.0	4.0	8.0	62	6	-2.0	2.0	4.0	8.0	62	9.0	-2.0	2.0	7.0	11.0
102	9	-2.0	2.0	7.0	11.0	102	9	-2.0	2.0	7.0	11.0	102	6	-2.0	2.0	4.0	8.0	102	6	-2.0	2.0	4.0	8.0	102	9.0	-2.0	2.0	7.0	11.0
110-126	9	-2.0	2.0	7.0	11.0	110-126	9	-2.0	2.0	7.0	11.0	110-126	6	-2.0	2.0	4.0	8.0	110-126	6	-2.0	2.0	4.0	8.0	110-126	9.0	-2.0	2.0	7.0	11.0
134	9	-2.0	2.0	7.0	11.0	134	9	-2.0	2.0	7.0	11.0	134	6	-2.0	2.0	4.0	8.0	134	6	-2.0	2.0	4.0	8.0	134	9.0	-2.0	2.0	7.0	11.0
151-159	9	-2.0	2.0	7.0	11.0	151-159	9	-2.0	2.0	7.0	11.0	151-159	6	-2.0	2.0	4.0	8.0	151-159	6	-2.0	2.0	4.0	8.0	151-159	9.0	-2.0	2.0	7.0	11.0

EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)-MIMO																
Mode	11ac 80M					Mode	11ac 80M					Mode	11ac 80M					Mode	11ac 80M					Mode	11ac 80M				
FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	9	-2.0	2.1	7.0	11.1	42	9	-2.0	2.1	7.0	11.1	42	6	-2.0	2.1	4.0	8.1	42	6	-2.0	2.1	4.0	8.1	42	9.0	-2.0	2.1	7.0	11.1
58	9	-2.0	2.1	7.0	11.1	58	9	-2.0	2.1	7.0	11.1	58	6	-2.0	2.1	4.0	8.1	58	6	-2.0	2.1	4.0	8.1	58	9.0	-2.0	2.1	7.0	11.1
106	9	-2.0	2.1	7.0	11.1	106	9	-2.0	2.1	7.0	11.1	106	6	-2.0	2.1	4.0	8.1	106	6	-2.0	2.1	4.0	8.1	106	9.0	-2.0	2.1	7.0	11.1
122	9	-2.0	2.1	7.0	11.1	122	9	-2.0	2.1	7.0	11.1	122	6	-2.0	2.1	4.0	8.1	122	6	-2.0	2.1	4.0	8.1	122	9.0	-2.0	2.1	7.0	11.1
155	9	-2.0	2.1	7.0	11.1	155	9	-2.0	2.1	7.0	11.1	155	6	-2.0	2.1	4.0	8.1	155	6	-2.0	2.1	4.0	8.1	155	9.0	-2.0	2.1	7.0	11.1

EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)-MIMO																
Mode	11ax 80M					Mode	11ax 80M					Mode	11ax 80M					Mode	11ax 80M					Mode	11ax 80M				
FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	9	-2.0	2.0	7.0	11.0	42	9	-2.0	2.0	7.0	11.0	42	6	-2.0	2.0	4.0	8.0	42	6	-2.0	2.0	4.0	8.0	42	9.0	-2.0	2.0	7.0	11.0
58	9	-2.0	2.0	7.0	11.0	58	9	-2.0	2.0	7.0	11.0	58	6	-2.0	2.0	4.0	8.0	58	6	-2.0	2.0	4.0	8.0	58	9.0	-2.0	2.0	7.0	11.0
106	9	-2.0	2.0	7.0	11.0	106	9	-2.0	2.0	7.0	11.0	106	6	-2.0	2.0	4.0	8.0	106	6	-2.0	2.0	4.0	8.0	106	9.0	-2.0	2.0	7.0	11.0
122	9	-2.0	2.0	7.0	11.0	122	9	-2.0	2.0	7.0	11.0	122	6	-2.0	2.0	4.0	8.0	122	6	-2.0	2.0	4.0	8.0	122	9.0	-2.0	2.0	7.0	11.0
155	9	-2.0	2.0	7.0	11.0	155	9	-2.0	2.0	7.0	11.0	155	6	-2.0	2.0	4.0	8.0	155	6	-2.0	2.0	4.0	8.0	155	9.0	-2.0	2.0	7.0	11.0

EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)-MIMO																
Mode	11ac 160M					Mode	11ac 160M					Mode	11ac 160M					Mode	11ac 160M					Mode	11ac 160M				
FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	9	-2.0	2.0	7.0	11.0	42	9	-2.0	2.0	7.0	11.0	42	6	-2.0	2.0	4.0	8.0	42	6	-2.0	2.0	4.0	8.0	42	9.0	-2.0	2.0	7.0	11.0
58	9	-2.0	2.0	7.0	11.0	58	9	-2.0	2.0	7.0	11.0	58	6	-2.0	2.0	4.0	8.0	58	6	-2.0	2.0	4.0	8.0	58	9.0	-2.0	2.0	7.0	11.0
106	9	-2.0	2.0	7.0	11.0	106	9	-2.0	2.0	7.0	11.0	106	6	-2.0	2.0	4.0	8.0	106	6	-2.0	2.0	4.0	8.0	106	9.0	-2.0	2.0	7.0	11.0
122	9	-2.0	2.0	7.0	11.0	122	9	-2.0	2.0	7.0	11.0	122	6	-2.0	2.0	4.0	8.0	122	6	-2.0	2.0	4.0	8.0	122	9.0	-2.0	2.0	7.0	11.0
155	9	-2.0	2.0	7.0	11.0	155	9	-2.0	2.0	7.0	11.0	155	6	-2.0	2.0	4.0	8.0	155	6	-2.0	2.0	4.0	8.0	155	9.0	-2.0	2.0	7.0	11.0

EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)					EUT State	WiFi+Cellular(Rcv On)-MIMO																
Mode	11ax 160M					Mode	11ax 160M					Mode	11ax 160M					Mode	11ax 160M					Mode	11ax 160M				
FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	9	-2.0	2.0	7.0	11.0	42	9	-2.0	2.0	7.0	11.0	42	6	-2.0	2.0	4.0	8.0	42	6	-2.0	2.0	4.0	8.0	42	9.0	-2.0	2.0	7.0	11.0
58	9	-2.0	2.0	7.0	11.0	58	9	-2.0	2.0	7.0	11.0	58	6	-2.0	2.0	4.0	8.0	58	6	-2.0	2.0	4.0	8.0	58	9.0	-2.0	2.0	7.0	11.0
106	9	-2.0	2.0	7.0	11.0	106	9	-2.0	2.0	7.0	11.0	106	6	-2.0	2.0	4.0	8.0	106	6	-2.0	2.0	4.0	8.0	106	9.0	-2.0	2.0	7.0	11.0
122	9	-2.0	2.0	7.0	11.0	122	9	-2.0	2.0	7.0	11.0	122	6	-2.0	2.0	4.0	8.0	122	6	-2.0	2.0	4.0	8.0	122	9.0	-2.0	2.0	7.0	11.0
155	9	-2.0	2.0	7.0	11.0	155	9	-2.0	2.0	7.0	11.0	155	6	-2.0	2.0	4.0	8.0	155	6	-2.0	2.0	4.0	8.0	155	9.0	-2.0	2.0	7.0	11.0

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EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip-MIMO																
Mode	11a					Mode	11a					Mode	11a					Mode	11a					Mode	11a				
Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	8	-2.0	2.0	6.0	10.0	36	8	-2.0	2.0	6.0	10.0	36	5	-2.0	2.0	3.0	7.0	36	5	-2.0	2.0	3.0	7.0	36	9.0	-2.0	2.0	7.0	11.0
40-60	8	-2.0	2.0	6.0	10.0	40-60	8	-2.0	2.0	6.0	10.0	40-60	5	-2.0	2.0	3.0	7.0	40-60	5	-2.0	2.0	3.0	7.0	40-60	9.0	-2.0	2.0	7.0	11.0
64	8	-2.0	2.0	6.0	10.0	64	8	-2.0	2.0	6.0	10.0	64	5	-2.0	2.0	3.0	7.0	64	5	-2.0	2.0	3.0	7.0	64	9.0	-2.0	2.0	7.0	11.0
100	8	-2.0	2.0	6.0	10.0	100	8	-2.0	2.0	6.0	10.0	100	5	-2.0	2.0	3.0	7.0	100	5	-2.0	2.0	3.0	7.0	100	9.0	-2.0	2.0	7.0	11.0
104	8	-2.0	2.0	6.0	10.0	104	8	-2.0	2.0	6.0	10.0	104	5	-2.0	2.0	3.0	7.0	104	5	-2.0	2.0	3.0	7.0	104	9.0	-2.0	2.0	7.0	11.0
108-132	8	-2.0	2.0	6.0	10.0	108-132	8	-2.0	2.0	6.0	10.0	108-132	5	-2.0	2.0	3.0	7.0	108-132	5	-2.0	2.0	3.0	7.0	108-132	9.0	-2.0	2.0	7.0	11.0
136	8	-2.0	2.0	6.0	10.0	136	8	-2.0	2.0	6.0	10.0	136	5	-2.0	2.0	3.0	7.0	136	5	-2.0	2.0	3.0	7.0	136	9.0	-2.0	2.0	7.0	11.0
140	8	-2.0	2.0	6.0	10.0	140	8	-2.0	2.0	6.0	10.0	140	5	-2.0	2.0	3.0	7.0	140	5	-2.0	2.0	3.0	7.0	140	9.0	-2.0	2.0	7.0	11.0
149-165	8	-2.0	2.0	6.0	10.0	149-165	8	-2.0	2.0	6.0	10.0	149-165	5	-2.0	2.0	3.0	7.0	149-165	5	-2.0	2.0	3.0	7.0	149-165	9.0	-2.0	2.0	7.0	11.0

EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip-MIMO																
Mode	11n 20M					Mode	11n 20M					Mode	11n 20M					Mode	11n 20M					Mode	11n 20M				
Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	8	-2.0	2.0	6.0	10.0	36	8	-2.0	2.0	6.0	10.0	36	5	-2.0	2.0	3.0	7.0	36	5	-2.0	2.0	3.0	7.0	36	9.0	-2.0	2.0	7.0	11.0
40-60	8	-2.0	2.0	6.0	10.0	40-60	8	-2.0	2.0	6.0	10.0	40-60	5	-2.0	2.0	3.0	7.0	40-60	5	-2.0	2.0	3.0	7.0	40-60	9.0	-2.0	2.0	7.0	11.0
64	8	-2.0	2.0	6.0	10.0	64	8	-2.0	2.0	6.0	10.0	64	5	-2.0	2.0	3.0	7.0	64	5	-2.0	2.0	3.0	7.0	64	9.0	-2.0	2.0	7.0	11.0
100	8	-2.0	2.0	6.0	10.0	100	8	-2.0	2.0	6.0	10.0	100	5	-2.0	2.0	3.0	7.0	100	5	-2.0	2.0	3.0	7.0	100	9.0	-2.0	2.0	7.0	11.0
104	8	-2.0	2.0	6.0	10.0	104	8	-2.0	2.0	6.0	10.0	104	5	-2.0	2.0	3.0	7.0	104	5	-2.0	2.0	3.0	7.0	104	9.0	-2.0	2.0	7.0	11.0
108-132	8	-2.0	2.0	6.0	10.0	108-132	8	-2.0	2.0	6.0	10.0	108-132	5	-2.0	2.0	3.0	7.0	108-132	5	-2.0	2.0	3.0	7.0	108-132	9.0	-2.0	2.0	7.0	11.0
136	8	-2.0	2.0	6.0	10.0	136	8	-2.0	2.0	6.0	10.0	136	5	-2.0	2.0	3.0	7.0	136	5	-2.0	2.0	3.0	7.0	136	9.0	-2.0	2.0	7.0	11.0
140	8	-2.0	2.0	6.0	10.0	140	8	-2.0	2.0	6.0	10.0	140	5	-2.0	2.0	3.0	7.0	140	5	-2.0	2.0	3.0	7.0	140	9.0	-2.0	2.0	7.0	11.0
149-165	8	-2.0	2.0	6.0	10.0	149-165	8	-2.0	2.0	6.0	10.0	149-165	5	-2.0	2.0	3.0	7.0	149-165	5	-2.0	2.0	3.0	7.0	149-165	9.0	-2.0	2.0	7.0	11.0

EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip-MIMO																
Mode	11ac 20M					Mode	11ac 20M					Mode	11ac 20M					Mode	11ac 20M					Mode	11ac 20M				
Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	8	-2.0	2.0	6.0	10.0	36	8	-2.0	2.0	6.0	10.0	36	5	-2.0	2.0	3.0	7.0	36	5	-2.0	2.0	3.0	7.0	36	9.0	-2.0	2.0	7.0	11.0
40-60	8	-2.0	2.0	6.0	10.0	40-60	8	-2.0	2.0	6.0	10.0	40-60	5	-2.0	2.0	3.0	7.0	40-60	5	-2.0	2.0	3.0	7.0	40-60	9.0	-2.0	2.0	7.0	11.0
64	8	-2.0	2.0	6.0	10.0	64	8	-2.0	2.0	6.0	10.0	64	5	-2.0	2.0	3.0	7.0	64	5	-2.0	2.0	3.0	7.0	64	9.0	-2.0	2.0	7.0	11.0
100	8	-2.0	2.0	6.0	10.0	100	8	-2.0	2.0	6.0	10.0	100	5	-2.0	2.0	3.0	7.0	100	5	-2.0	2.0	3.0	7.0	100	9.0	-2.0	2.0	7.0	11.0
104	8	-2.0	2.0	6.0	10.0	104	8	-2.0	2.0	6.0	10.0	104	5	-2.0	2.0	3.0	7.0	104	5	-2.0	2.0	3.0	7.0	104	9.0	-2.0	2.0	7.0	11.0
108-132	8	-2.0	2.0	6.0	10.0	108-132	8	-2.0	2.0	6.0	10.0	108-132	5	-2.0	2.0	3.0	7.0	108-132	5	-2.0	2.0	3.0	7.0	108-132	9.0	-2.0	2.0	7.0	11.0
136	8	-2.0	2.0	6.0	10.0	136	8	-2.0	2.0	6.0	10.0	136	5	-2.0	2.0	3.0	7.0	136	5	-2.0	2.0	3.0	7.0	136	9.0	-2.0	2.0	7.0	11.0
140	8	-2.0	2.0	6.0	10.0	140	8	-2.0	2.0	6.0	10.0	140	5	-2.0	2.0	3.0	7.0	140	5	-2.0	2.0	3.0	7.0	140	9.0	-2.0	2.0	7.0	11.0
149-165	8	-2.0	2.0	6.0	10.0	149-165	8	-2.0	2.0	6.0	10.0	149-165	5	-2.0	2.0	3.0	7.0	149-165	5	-2.0	2.0	3.0	7.0	149-165	9.0	-2.0	2.0	7.0	11.0

EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip-MIMO																
Mode	11ax 20M					Mode	11ax 20M					Mode	11ax 20M					Mode	11ax 20M					Mode	11ax 20M				
Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	8	-2.0	2.0	6.0	10.0	36	8	-2.0	2.0	6.0	10.0	36	5	-2.0	2.0	3.0	7.0	36	5	-2.0	2.0	3.0	7.0	36	8.0	-2.0	2.0	6.0	10.0
40-60	8	-2.0	2.0	6.0	10.0	40-60	8	-2.0	2.0	6.0	10.0	40-60	5	-2.0	2.0	3.0	7.0	40-60	5	-2.0	2.0	3.0	7.0	40-60	8.0	-2.0	2.0	6.0	10.0
64	8	-2.0	2.0	6.0	10.0	64	8	-2.0	2.0	6.0	10.0	64	5	-2.0	2.0	3.0	7.0	64	5	-2.0	2.0	3.0	7.0	64	8.0	-2.0	2.0	6.0	10.0
100	8	-2.0	2.0	6.0	10.0	100	8	-2.0	2.0	6.0	10.0	100	5	-2.0	2.0	3.0	7.0	100	5	-2.0	2.0	3.0	7.0	100	8.0	-2.0	2.0	6.0	10.0
104	8	-2.0	2.0	6.0	10.0	104	8	-2.0	2.0	6.0	10.0	104	5	-2.0	2.0	3.0	7.0	104	5	-2.0	2.0	3.0	7.0	104	8.0	-2.0	2.0	6.0	10.0
108-132	8	-2.0	2.0	6.0	10.0	108-132	8	-2.0	2.0	6.0	10.0	108-132	5	-2.0	2.0	3.0	7.0	108-132	5	-2.0	2.0	3.0	7.0	108-132	8.0	-2.0	2.0	6.0	10.0
136	8	-2.0	2.0	6.0	10.0	136	8	-2.0	2.0	6.0	10.0	136	5	-2.0	2.0	3.0	7.0	136	5	-2.0	2.0	3.0	7.0	136	8.0	-2.0	2.0	6.0	10.0
140	8	-2.0	2.0	6.0	10.0	140	8	-2.0	2.0	6.0	10.0	140	5	-2.0	2.0	3.0	7.0	140	5	-2.0	2.0	3.0	7.0	140	8.0	-2.0	2.0	6.0	10.0
149-165	8	-2.0	2.0	6.0	10.0	149-165	8	-2.0	2.0	6.0	10.0	149-165	5	-2.0	2.0	3.0	7.0	149-165	5	-2.0	2.0	3.0	7.0	149-165	8.0	-2.0	2.0	6.0	10.0

EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip-MIMO																
Mode	11n 40M					Mode	11n 40M					Mode	11n 40M					Mode	11n 40M					Mode	11n 40M				
Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	8	-2.0	2.0	6.0	10.0	38	8	-2.0	2.0	6.0	10.0	38	5	-2.0	2.0	3.0	7.0	38	5	-2.0	2.0	3.0	7.0	38	8.0	-2.0	2.0	6.0	10.0
46-54	8	-2.0	2.0	6.0	10.0	46-54	8	-2.0	2.0	6.0	10.0	46-54	5	-2.0	2.0	3.0	7.0	46-54	5	-2.0	2.0	3.0	7.0	46-54	8.0	-2.0	2.0	6.0	10.0
62	8	-2.0	2.0	6.0	10.0	62	8	-2.0	2.0	6.0	10.0	62	5	-2.0	2.0	3.0	7.0	62	5	-2.0	2.0	3.0	7.0	62	8.0	-2.0	2.0	6.0	10.0
102	8	-2.0	2.0	6.0	10.0	102	8	-2.0	2.0	6.0	10.0	102	5	-2.0	2.0	3.0	7.0	102	5	-2.0	2.0	3.0	7.0	102	8.0	-2.0	2.0	6.0	10.0
110-126	8	-2.0	2.0	6.0	10.0	110-126	8	-2.0	2.0	6.0	10.0	110-126	5	-2.0	2.0	3.0	7.0	110-126	5	-2.0	2.0	3.0	7.0	110-126	8.0	-2.0	2.0	6.0	10.0
134	8	-2.0	2.0	6.0	10.0	134	8	-2.0	2.0	6.0	10.0	134	5	-2.0	2.0	3.0	7.0	134	5	-2.0	2.0	3.0	7.0	134	8.0	-2.0	2.0	6.0	10.0
151-159	8	-2.0	2.0	6.0	10.0	151-159	8	-2.0	2.0	6.0	10.0	151-159	5	-2.0	2.0	3.0	7.0	151-159	5	-2.0	2.0	3.0	7.0	151-159	8.0	-2.0	2.0	6.0	10.0

EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip-MIMO																
Mode	11ac 40M					Mode	11ac 40M					Mode	11ac 40M					Mode	11ac 40M					Mode	11ac 40M				
Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	8	-2.0	2.0	6.0	10.0	38	8	-2.0	2.0	6.0	10.0	38	5	-2.0	2.0	3.0	7.0	38	5	-2.0	2.0	3.0	7.0	38	8.0	-2.0	2.0	6.0	10.0
46-54	8	-2.0	2.0	6.0	10.0	46-54	8	-2.0	2.0	6.0	10.0	46-54	5	-2.0	2.0	3.0	7.0	46-54	5	-2.0	2.0	3.0	7.0	46-54	8.0	-2.0	2.0	6.0	10.0
62	8	-2.0	2.0	6.0	10.0	62	8	-2.0	2.0	6.0	10.0	62	5	-2.0	2.0	3.0	7.0	62	5	-2.0	2.0	3.0	7.0	62	8.0	-2.0	2.0	6.0	10.0
102	8	-2.0	2.0	6.0	10.0	102	8	-2.0	2.0	6.0	10.0	102	5	-2.0	2.0	3.0	7.0	102	5	-2.0	2.0	3.0	7.0	102	8.0	-2.0	2.0	6.0	10.0
110-126	8	-2.0	2.0	6.0	10.0	110-126	8	-2.0	2.0	6.0	10.0	110-126	5	-2.0	2.0	3.0	7.0	110-126	5	-2.0	2.0	3.0	7.0	110-126	8.0	-2.0	2.0	6.0	10.0
134	8	-2.0	2.0	6.0	10.0	134	8	-2.0	2.0	6.0	10.0	134	5	-2.0	2.0	3.0	7.0	134	5	-2.0	2.0	3.0	7.0	134	8.0	-2.0	2.0	6.0	10.0
151-159	8	-2.0	2.0	6.0	10.0	151-159	8	-2.0	2.0	6.0	10.0	151-159	5	-2.0	2.0	3.0	7.0	151-159	5	-2.0	2.0	3.0	7.0	151-159	8.0	-2.0	2.0	6.0	10.0

EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip-MIMO																
Mode	11ax 40M					Mode	11ax 40M					Mode	11ax 40M					Mode	11ax 40M					Mode	11ax 40M				
Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	8	-2.0	2.0	6.0	10.0	38	8	-2.0	2.0	6.0	10.0	38	5	-2.0	2.0	3.0	7.0	38	5	-2.0	2.0	3.0	7.0	38	8.0	-2.0	2.0	6.0	10.0
46-54	8	-2.0	2.0	6.0	10.0	46-54	8	-2.0	2.0	6.0	10.0	46-54	5	-2.0	2.0	3.0	7.0	46-54	5	-2.0	2.0	3.0	7.0	46-54	8.0	-2.0	2.0	6.0	10.0
62	8	-2.0	2.0	6.0	10.0	62	8	-2.0	2.0	6.0	10.0	62	5	-2.0	2.0	3.0	7.0	62	5	-2.0	2.0	3.0	7.0	62	8.0	-2.0	2.0	6.0	10.0
102	8	-2.0	2.0	6.0	10.0	102	8	-2.0	2.0	6.0	10.0	102	5	-2.0	2.0	3.0	7.0	102	5	-2.0	2.0	3.0	7.0	102	8.0	-2.0	2.0	6.0	10.0
110-126	8	-2.0	2.0	6.0	10.0	110-126	8	-2.0	2.0	6.0	10.0	110-126	5	-2.0	2.0	3.0	7.0	110-126	5	-2.0	2.0	3.0	7.0	110-126	8.0	-2.0	2.0	6.0	10.0
134	8	-2.0	2.0	6.0	10.0	134	8	-2.0	2.0	6.0	10.0	134	5	-2.0	2.0	3.0	7.0	134	5	-2.0	2.0	3.0	7.0	134	8.0	-2.0	2.0	6.0	10.0
151-159	8	-2.0	2.0	6.0	10.0	151-159	8	-2.0	2.0	6.0	10.0	151-159	5	-2.0	2.0	3.0	7.0	151-159	5	-2.0	2.0	3.0	7.0	151-159	8.0	-2.0	2.0	6.0	10.0

EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip-MIMO																
Mode	11ac 80M					Mode	11ac 80M					Mode	11ac 80M					Mode	11ac 80M					Mode	11ac 80M				
FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	8	-2.0	2.1	6.0	10.1	42	8	-2.0	2.1	6.0	10.1	42	5	-2.0	2.1	3.0	7.1	42	5	-2.0	2.1	3.0	7.1	42	8.0	-2.0	2.1	6.0	10.1
58	8	-2.0	2.1	6.0	10.1	58	8	-2.0	2.1	6.0	10.1	58	5	-2.0	2.1	3.0	7.1	58	5	-2.0	2.1	3.0	7.1	58	8.0	-2.0	2.1	6.0	10.1
106	8	-2.0	2.1	6.0	10.1	106	8	-2.0	2.1	6.0	10.1	106	5	-2.0	2.1	3.0	7.1	106	5	-2.0	2.1	3.0	7.1	106	8.0	-2.0	2.1	6.0	10.1
122	8	-2.0	2.1	6.0	10.1	122	8	-2.0	2.1	6.0	10.1	122	5	-2.0	2.1	3.0	7.1	122	5	-2.0	2.1	3.0	7.1	122	8.0	-2.0	2.1	6.0	10.1
155	8	-2.0	2.1	6.0	10.1	155	8	-2.0	2.1	6.0	10.1	155	5	-2.0	2.1	3.0	7.1	155	5	-2.0	2.1	3.0	7.1	155	8.0	-2.0	2.1	6.0	10.1

EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip-MIMO																
Mode	11ax 80M					Mode	11ax 80M					Mode	11ax 80M					Mode	11ax 80M					Mode	11ax 80M				
FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	8	-2.0	2.0	6.0	10.0	42	8	-2.0	2.0	6.0	10.0	42	5	-2.0	2.0	3.0	7.0	42	5	-2.0	2.0	3.0	7.0	42	8.0	-2.0	2.0	6.0	10.0
58	8	-2.0	2.0	6.0	10.0	58	8	-2.0	2.0	6.0	10.0	58	5	-2.0	2.0	3.0	7.0	58	5	-2.0	2.0	3.0	7.0	58	8.0	-2.0	2.0	6.0	10.0
106	8	-2.0	2.0	6.0	10.0	106	8	-2.0	2.0	6.0	10.0	106	5	-2.0	2.0	3.0	7.0	106	5	-2.0	2.0	3.0	7.0	106	8.0	-2.0	2.0	6.0	10.0
122	8	-2.0	2.0	6.0	10.0	122	8	-2.0	2.0	6.0	10.0	122	5	-2.0	2.0	3.0	7.0	122	5	-2.0	2.0	3.0	7.0	122	8.0	-2.0	2.0	6.0	10.0
155	8	-2.0	2.0	6.0	10.0	155	8	-2.0	2.0	6.0	10.0	155	5	-2.0	2.0	3.0	7.0	155	5	-2.0	2.0	3.0	7.0	155	8.0	-2.0	2.0	6.0	10.0

EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip-MIMO																
Mode	11ac 160M					Mode	11ac 160M					Mode	11ac 160M					Mode	11ac 160M					Mode	11ac 160M				
FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	8	-2.0	2.0	6.0	10.0	42	8	-2.0	2.0	6.0	10.0	42	5	-2.0	2.0	3.0	7.0	42	5	-2.0	2.0	3.0	7.0	42	8.0	-2.0	2.0	6.0	10.0
58	8	-2.0	2.0	6.0	10.0	58	8	-2.0	2.0	6.0	10.0	58	5	-2.0	2.0	3.0	7.0	58	5	-2.0	2.0	3.0	7.0	58	8.0	-2.0	2.0	6.0	10.0
106	8	-2.0	2.0	6.0	10.0	106	8	-2.0	2.0	6.0	10.0	106	5	-2.0	2.0	3.0	7.0	106	5	-2.0	2.0	3.0	7.0	106	8.0	-2.0	2.0	6.0	10.0
122	8	-2.0	2.0	6.0	10.0	122	8	-2.0	2.0	6.0	10.0	122	5	-2.0	2.0	3.0	7.0	122	5	-2.0	2.0	3.0	7.0	122	8.0	-2.0	2.0	6.0	10.0
155	8	-2.0	2.0	6.0	10.0	155	8	-2.0	2.0	6.0	10.0	155	5	-2.0	2.0	3.0	7.0	155	5	-2.0	2.0	3.0	7.0	155	8.0	-2.0	2.0	6.0	10.0

EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip					EUT State	WiFi+Cellular+BT(Rcv On)/wifi+voip-MIMO																
Mode	11ax 160M					Mode	11ax 160M					Mode	11ax 160M					Mode	11ax 160M					Mode	11ax 160M				
FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	8	-2.0	2.0	6.0	10.0	42	8	-2.0	2.0	6.0	10.0	42	5	-2.0	2.0	3.0	7.0	42	5	-2.0	2.0	3.0	7.0	42	8.0	-2.0	2.0	6.0	10.0
58	8	-2.0	2.0	6.0	10.0	58	8	-2.0	2.0	6.0	10.0	58	5	-2.0	2.0	3.0	7.0	58	5	-2.0	2.0	3.0	7.0	58	8.0	-2.0	2.0	6.0	10.0
106	8	-2.0	2.0	6.0	10.0	106	8	-2.0	2.0	6.0	10.0	106	5	-2.0	2.0	3.0	7.0	106	5	-2.0	2.0	3.0	7.0	106	8.0	-2.0	2.0	6.0	10.0
122	8	-2.0	2.0	6.0	10.0	122	8	-2.0	2.0	6.0	10.0	122	5	-2.0	2.0	3.0	7.0	122	5	-2.0	2.0	3.0	7.0	122	8.0	-2.0	2.0	6.0	10.0
155	8	-2.0	2.0	6.0	10.0	155	8	-2.0	2.0	6.0	10.0	155	5	-2.0	2.0	3.0	7.0	155	5	-2.0	2.0	3.0	7.0	155	8.0	-2.0	2.0	6.0	10.0

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EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)-MIMO																		
Mode	11a						Mode	11a						Mode	11a						Mode	11a						Mode	11a				
Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	36	11	-2.0	2.0	9.0	13.0	36	36	11	-2.0	2.0	9.0	13.0	36	36	8	-2.0	2.0	6.0	10.0	36	36	8	-2.0	2.0	6.0	10.0	36	11.0	-2.0	2.0	9.0	13.0
40-60	40-60	11	-2.0	2.0	9.0	13.0	40-60	40-60	11	-2.0	2.0	9.0	13.0	40-60	40-60	8	-2.0	2.0	6.0	10.0	40-60	40-60	8	-2.0	2.0	6.0	10.0	40-60	11.0	-2.0	2.0	9.0	13.0
64	64	11	-2.0	2.0	9.0	13.0	64	64	11	-2.0	2.0	9.0	13.0	64	64	8	-2.0	2.0	6.0	10.0	64	64	8	-2.0	2.0	6.0	10.0	64	11.0	-2.0	2.0	9.0	13.0
100	100	11	-2.0	2.0	9.0	13.0	100	100	11	-2.0	2.0	9.0	13.0	100	100	8	-2.0	2.0	6.0	10.0	100	100	8	-2.0	2.0	6.0	10.0	100	11.0	-2.0	2.0	9.0	13.0
104	104	11	-2.0	2.0	9.0	13.0	104	104	11	-2.0	2.0	9.0	13.0	104	104	8	-2.0	2.0	6.0	10.0	104	104	8	-2.0	2.0	6.0	10.0	104	11.0	-2.0	2.0	9.0	13.0
108-132	108-132	11	-2.0	2.0	9.0	13.0	108-132	108-132	11	-2.0	2.0	9.0	13.0	108-132	108-132	8	-2.0	2.0	6.0	10.0	108-132	108-132	8	-2.0	2.0	6.0	10.0	108-132	11.0	-2.0	2.0	9.0	13.0
136	136	11	-2.0	2.0	9.0	13.0	136	136	11	-2.0	2.0	9.0	13.0	136	136	8	-2.0	2.0	6.0	10.0	136	136	8	-2.0	2.0	6.0	10.0	136	11.0	-2.0	2.0	9.0	13.0
140	140	11	-2.0	2.0	9.0	13.0	140	140	11	-2.0	2.0	9.0	13.0	140	140	8	-2.0	2.0	6.0	10.0	140	140	8	-2.0	2.0	6.0	10.0	140	11.0	-2.0	2.0	9.0	13.0
149-165	149-165	11	-2.0	2.0	9.0	13.0	149-165	149-165	11	-2.0	2.0	9.0	13.0	149-165	149-165	8	-2.0	2.0	6.0	10.0	149-165	149-165	8	-2.0	2.0	6.0	10.0	149-165	11.0	-2.0	2.0	9.0	13.0

EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)-MIMO																		
Mode	11n 20M						Mode	11n 20M						Mode	11n 20M						Mode	11n 20M						Mode	11n 20M				
Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	36	11	-2.0	2.0	9.0	13.0	36	36	11	-2.0	2.0	9.0	13.0	36	36	8	-2.0	2.0	6.0	10.0	36	36	8	-2.0	2.0	6.0	10.0	36	11.0	-2.0	2.0	9.0	13.0
40-60	40-60	11	-2.0	2.0	9.0	13.0	40-60	40-60	11	-2.0	2.0	9.0	13.0	40-60	40-60	8	-2.0	2.0	6.0	10.0	40-60	40-60	8	-2.0	2.0	6.0	10.0	40-60	11.0	-2.0	2.0	9.0	13.0
64	64	11	-2.0	2.0	9.0	13.0	64	64	11	-2.0	2.0	9.0	13.0	64	64	8	-2.0	2.0	6.0	10.0	64	64	8	-2.0	2.0	6.0	10.0	64	11.0	-2.0	2.0	9.0	13.0
100	100	11	-2.0	2.0	9.0	13.0	100	100	11	-2.0	2.0	9.0	13.0	100	100	8	-2.0	2.0	6.0	10.0	100	100	8	-2.0	2.0	6.0	10.0	100	11.0	-2.0	2.0	9.0	13.0
104	104	11	-2.0	2.0	9.0	13.0	104	104	11	-2.0	2.0	9.0	13.0	104	104	8	-2.0	2.0	6.0	10.0	104	104	8	-2.0	2.0	6.0	10.0	104	11.0	-2.0	2.0	9.0	13.0
108-132	108-132	11	-2.0	2.0	9.0	13.0	108-132	108-132	11	-2.0	2.0	9.0	13.0	108-132	108-132	8	-2.0	2.0	6.0	10.0	108-132	108-132	8	-2.0	2.0	6.0	10.0	108-132	11.0	-2.0	2.0	9.0	13.0
136	136	11	-2.0	2.0	9.0	13.0	136	136	11	-2.0	2.0	9.0	13.0	136	136	8	-2.0	2.0	6.0	10.0	136	136	8	-2.0	2.0	6.0	10.0	136	11.0	-2.0	2.0	9.0	13.0
140	140	11	-2.0	2.0	9.0	13.0	140	140	11	-2.0	2.0	9.0	13.0	140	140	8	-2.0	2.0	6.0	10.0	140	140	8	-2.0	2.0	6.0	10.0	140	11.0	-2.0	2.0	9.0	13.0
149-165	149-165	11	-2.0	2.0	9.0	13.0	149-165	149-165	11	-2.0	2.0	9.0	13.0	149-165	149-165	8	-2.0	2.0	6.0	10.0	149-165	149-165	8	-2.0	2.0	6.0	10.0	149-165	11.0	-2.0	2.0	9.0	13.0

EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)-MIMO																		
Mode	11ac 20M						Mode	11ac 20M						Mode	11ac 20M						Mode	11ac 20M						Mode	11ac 20M				
Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	36	11	-2.0	2.0	9.0	13.0	36	36	11	-2.0	2.0	9.0	13.0	36	36	8	-2.0	2.0	6.0	10.0	36	36	8	-2.0	2.0	6.0	10.0	36	11.0	-2.0	2.0	9.0	13.0
40-60	40-60	11	-2.0	2.0	9.0	13.0	40-60	40-60	11	-2.0	2.0	9.0	13.0	40-60	40-60	8	-2.0	2.0	6.0	10.0	40-60	40-60	8	-2.0	2.0	6.0	10.0	40-60	11.0	-2.0	2.0	9.0	13.0
64	64	11	-2.0	2.0	9.0	13.0	64	64	11	-2.0	2.0	9.0	13.0	64	64	8	-2.0	2.0	6.0	10.0	64	64	8	-2.0	2.0	6.0	10.0	64	11.0	-2.0	2.0	9.0	13.0
100	100	11	-2.0	2.0	9.0	13.0	100	100	11	-2.0	2.0	9.0	13.0	100	100	8	-2.0	2.0	6.0	10.0	100	100	8	-2.0	2.0	6.0	10.0	100	11.0	-2.0	2.0	9.0	13.0
104	104	11	-2.0	2.0	9.0	13.0	104	104	11	-2.0	2.0	9.0	13.0	104	104	8	-2.0	2.0	6.0	10.0	104	104	8	-2.0	2.0	6.0	10.0	104	11.0	-2.0	2.0	9.0	13.0
108-132	108-132	11	-2.0	2.0	9.0	13.0	108-132	108-132	11	-2.0	2.0	9.0	13.0	108-132	108-132	8	-2.0	2.0	6.0	10.0	108-132	108-132	8	-2.0	2.0	6.0	10.0	108-132	11.0	-2.0	2.0	9.0	13.0
136	136	11	-2.0	2.0	9.0	13.0	136	136	11	-2.0	2.0	9.0	13.0	136	136	8	-2.0	2.0	6.0	10.0	136	136	8	-2.0	2.0	6.0	10.0	136	11.0	-2.0	2.0	9.0	13.0
140	140	11	-2.0	2.0	9.0	13.0	140	140	11	-2.0	2.0	9.0	13.0	140	140	8	-2.0	2.0	6.0	10.0	140	140	8	-2.0	2.0	6.0	10.0	140	11.0	-2.0	2.0	9.0	13.0
149-165	149-165	11	-2.0	2.0	9.0	13.0	149-165	149-165	11	-2.0	2.0	9.0	13.0	149-165	149-165	8	-2.0	2.0	6.0	10.0	149-165	149-165	8	-2.0	2.0	6.0	10.0	149-165	11.0	-2.0	2.0	9.0	13.0

EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)-MIMO																		
Mode	11ax 20M						Mode	11ax 20M						Mode	11ax 20M						Mode	11ax 20M						Mode	11ax 20M				
Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Tolerance(dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
36	36	11	-2.0	2.0	9.0	13.0	36	36	11	-2.0	2.0	9.0	13.0	36	36	8	-2.0	2.0	6.0	10.0	36	36	8	-2.0	2.0	6.0	10.0	36	11.0	-2.0	2.0	9.0	13.0
40-60	40-60	11	-2.0	2.0	9.0	13.0	40-60	40-60	11	-2.0	2.0	9.0	13.0	40-60	40-60	8	-2.0	2.0	6.0	10.0	40-60	40-60	8	-2.0	2.0	6.0	10.0	40-60	11.0	-2.0	2.0	9.0	13.0
64	64	11	-2.0	2.0	9.0	13.0	64	64	11	-2.0	2.0	9.0	13.0	64	64	8	-2.0	2.0	6.0	10.0	64	64	8	-2.0	2.0	6.0	10.0	64	11.0	-2.0	2.0	9.0	13.0
100	100	11	-2.0	2.0	9.0	13.0	100	100	11	-2.0	2.0	9.0	13.0	100	100	8	-2.0	2.0	6.0	10.0	100	100	8	-2.0	2.0	6.0	10.0	100	11.0	-2.0	2.0	9.0	13.0
104	104	11	-2.0	2.0	9.0	13.0	104	104	11	-2.0	2.0	9.0	13.0	104	104	8	-2.0	2.0	6.0	10.0	104	104	8	-2.0	2.0	6.0	10.0	104	11.0	-2.0	2.0	9.0	13.0
108-132	108-132	11	-2.0	2.0	9.0	13.0	108-132	108-132	11	-2.0	2.0	9.0	13.0	108-132	108-132	8	-2.0	2.0	6.0	10.0	108-132	108-132	8	-2.0	2.0	6.0	10.0	108-132	11.0	-2.0	2.0	9.0	13.0
136	136	11	-2.0	2.0	9.0	13.0	136	136	11	-2.0	2.0	9.0	13.0	136	136	8	-2.0	2.0	6.0	10.0	136	136	8	-2.0	2.0	6.0	10.0	136	11.0	-2.0	2.0	9.0	13.0
140	140	11	-2.0	2.0	9.0	13.0	140	140	11	-2.0	2.0	9.0	13.0	140	140	8	-2.0	2.0	6.0	10.0	140	140	8	-2.0	2.0	6.0	10.0	140	11.0	-2.0	2.0	9.0	13.0
149-165	149-165	11	-2.0	2.0	9.0	13.0	149-165	149-165	11	-2.0	2.0	9.0	13.0	149-165	149-165	8	-2.0	2.0	6.0	10.0	149-165	149-165	8	-2.0	2.0	6.0	10.0	149-165	11.0	-2.0	2.0	9.0	13.0

EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)-MIMO																		
Mode	11n 40M						Mode	11n 40M						Mode	11n 40M						Mode	11n 40M						Mode	11n 40M				
Cnannel	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	36	11	-2.0	2.0	9.0	13.0	38	36	11	-2.0	2.0	9.0	13.0	38	36	8	-2.0	2.0	6.0	10.0	38	36	8	-2.0	2.0	6.0	10.0	38	11.0	-2.0	2.0	9.0	13.0
46-54	44-52	11	-2.0	2.0	9.0	13.0	46-54	44-52	11	-2.0	2.0	9.0	13.0	46-54	44-52	8	-2.0	2.0	6.0	10.0	46-54	44-52	8	-2.0	2.0	6.0	10.0	46-54	11.0	-2.0	2.0	9.0	13.0
62	60	11	-2.0	2.0	9.0	13.0	62	60	11	-2.0	2.0	9.0	13.0	62	60	8	-2.0	2.0	6.0	10.0	62	60	8	-2.0	2.0	6.0	10.0	62	11.0	-2.0	2.0	9.0	13.0
102	100	11	-2.0	2.0	9.0	13.0	102	100	11	-2.0	2.0	9.0	13.0	102	100	8	-2.0	2.0	6.0	10.0	102	100	8	-2.0	2.0	6.0	10.0	102	11.0	-2.0	2.0	9.0	13.0
110-126	104-124	11	-2.0	2.0	9.0	13.0	110-126	104-124	11	-2.0	2.0	9.0	13.0	110-126	104-124	8	-2.0	2.0	6.0	10.0	110-126	104-124	8	-2.0	2.0	6.0	10.0	110-126	11.0	-2.0	2.0	9.0	13.0
134	132	11	-2.0	2.0	9.0	13.0	134	132	11	-2.0	2.0	9.0	13.0	134	132	8	-2.0	2.0	6.0	10.0	134	132	8	-2.0	2.0	6.0	10.0	134	11.0	-2.0	2.0	9.0	13.0
151-159	140-157	11	-2.0	2.0	9.0	13.0	151-159	140-157	11	-2.0	2.0	9.0	13.0	151-159	140-157	8	-2.0	2.0	6.0	10.0	151-159	140-157	8	-2.0	2.0	6.0	10.0	151-159	11.0	-2.0	2.0	9.0	13.0

EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)-MIMO																		
Mode	11ac 40M						Mode	11ac 40M						Mode	11ac 40M						Mode	11ac 40M						Mode	11ac 40M				
Cnannel	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	36	11	-2.0	2.0	9.0	13.0	38	36	11	-2.0	2.0	9.0	13.0	38	36	8	-2.0	2.0	6.0	10.0	38	36	8	-2.0	2.0	6.0	10.0	38	11.0	-2.0	2.0	9.0	13.0
46-54	44-52	11	-2.0	2.0	9.0	13.0	46-54	44-52	11	-2.0	2.0	9.0	13.0	46-54	44-52	8	-2.0	2.0	6.0	10.0	46-54	44-52	8	-2.0	2.0	6.0	10.0	46-54	11.0	-2.0	2.0	9.0	13.0
62	60	11	-2.0	2.0	9.0	13.0	62	60	11	-2.0	2.0	9.0	13.0	62	60	8	-2.0	2.0	6.0	10.0	62	60	8	-2.0	2.0	6.0	10.0	62	11.0	-2.0	2.0	9.0	13.0
102	100	11	-2.0	2.0	9.0	13.0	102	100	11	-2.0	2.0	9.0	13.0	102	100	8	-2.0	2.0	6.0	10.0	102	100	8	-2.0	2.0	6.0	10.0	102	11.0	-2.0	2.0	9.0	13.0
110-126	104-124	11	-2.0	2.0	9.0	13.0	110-126	104-124	11	-2.0	2.0	9.0	13.0	110-126	104-124	8	-2.0	2.0	6.0	10.0	110-126	104-124	8	-2.0	2.0	6.0	10.0	110-126	11.0	-2.0	2.0	9.0	13.0
134	132	11	-2.0	2.0	9.0	13.0	134	132	11	-2.0	2.0	9.0	13.0	134	132	8	-2.0	2.0	6.0	10.0	134	132	8	-2.0	2.0	6.0	10.0	134	11.0	-2.0	2.0	9.0	13.0
151-159	140-157	11	-2.0	2.0	9.0	13.0	151-159	140-157	11	-2.0	2.0	9.0	13.0	151-159	140-157	8	-2.0	2.0	6.0	10.0	151-159	140-157	8	-2.0	2.0	6.0	10.0	151-159	11.0	-2.0	2.0	9.0	13.0

EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)-MIMO																		
Mode	11ax 40M						Mode	11ax 40M						Mode	11ax 40M						Mode	11ax 40M						Mode	11ax 40M				
Cnannel	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Cnannel	Target Power (dBm)	Toleranc e (dB)		Min (dBm)	Max (dBm)	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
38	36	11	-2.0	2.0	9.0	13.0	38	36	11	-2.0	2.0	9.0	13.0	38	36	8	-2.0	2.0	6.0	10.0	38	36	8	-2.0	2.0	6.0	10.0	38	11.0	-2.0	2.0	9.0	13.0
46-54	44-52	11	-2.0	2.0	9.0	13.0	46-54	44-52	11	-2.0	2.0	9.0	13.0	46-54	44-52	8	-2.0	2.0	6.0	10.0	46-54	44-52	8	-2.0	2.0	6.0	10.0	46-54	11.0	-2.0	2.0	9.0	13.0
62	60	11	-2.0	2.0	9.0	13.0	62	60	11	-2.0	2.0	9.0	13.0	62	60	8	-2.0	2.0	6.0	10.0	62	60	8	-2.0	2.0	6.0	10.0	62	11.0	-2.0	2.0	9.0	13.0
102	100	11	-2.0	2.0	9.0	13.0	102	100	11	-2.0	2.0	9.0	13.0	102	100	8	-2.0	2.0	6.0	10.0	102	100	8	-2.0	2.0	6.0	10.0	102	11.0	-2.0	2.0	9.0	13.0
110-126	104-124	11	-2.0	2.0	9.0	13.0	110-126	104-124	11	-2.0	2.0	9.0	13.0	110-126	104-124	8	-2.0	2.0	6.0	10.0	110-126	104-124	8	-2.0	2.0	6.0	10.0	110-126	11.0	-2.0	2.0	9.0	13.0
134	132	11	-2.0	2.0	9.0	13.0	134	132	11	-2.0	2.0	9.0	13.0	134	132	8	-2.0	2.0	6.0	10.0	134	132	8	-2.0	2.0	6.0	10.0	134	11.0	-2.0	2.0	9.0	13.0
151-159	140-157	11	-2.0	2.0	9.0	13.0	151-159	140-157	11	-2.0	2.0	9.0	13.0	151-159	140-157	8	-2.0	2.0	6.0	10.0	151-159	140-157	8	-2.0	2.0	6.0	10.0	151-159	11.0	-2.0	2.0	9.0	13.0

EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)-MIMO																		
Mode	11ac 80M						Mode	11ac 80M						Mode	11ac 80M						Mode	11ac 80M						Mode	11ac 80M				
FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	36	11	-2.0	2.1	9.0	13.1	42	36	11	-2.0	2.1	9.0	13.1	42	36	8	-2.0	2.1	6.0	10.1	42	36	8	-2.0	2.1	6.0	10.1	42	11.0	-2.0	2.1	9.0	13.1
58	64	11	-2.0	2.1	9.0	13.1	58	64	11	-2.0	2.1	9.0	13.1	58	64	8	-2.0	2.1	6.0	10.1	58	64	8	-2.0	2.1	6.0	10.1	58	11.0	-2.0	2.1	9.0	13.1
106	106	11	-2.0	2.1	9.0	13.1	106	106	11	-2.0	2.1	9.0	13.1	106	106	8	-2.0	2.1	6.0	10.1	106	106	8	-2.0	2.1	6.0	10.1	106	11.0	-2.0	2.1	9.0	13.1
122	122	11	-2.0	2.1	9.0	13.1	122	122	11	-2.0	2.1	9.0	13.1	122	122	8	-2.0	2.1	6.0	10.1	122	122	8	-2.0	2.1	6.0	10.1	122	11.0	-2.0	2.1	9.0	13.1
155	138-155	11	-2.0	2.1	9.0	13.1	155	138-155	11	-2.0	2.1	9.0	13.1	155	138-155	8	-2.0	2.1	6.0	10.1	155	138-155	8	-2.0	2.1	6.0	10.1	155	11.0	-2.0	2.1	9.0	13.1

EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)-MIMO																		
Mode	11ax 80M						Mode	11ax 80M						Mode	11ax 80M						Mode	11ax 80M						Mode	11ax 80M				
FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	36	11	-2.0	2.0	9.0	13.0	42	36	11	-2.0	2.0	9.0	13.0	42	36	8	-2.0	2.0	6.0	10.0	42	36	8	-2.0	2.0	6.0	10.0	42	11.0	-2.0	2.0	9.0	13.0
58	64	11	-2.0	2.0	9.0	13.0	58	64	11	-2.0	2.0	9.0	13.0	58	64	8	-2.0	2.0	6.0	10.0	58	64	8	-2.0	2.0	6.0	10.0	58	11.0	-2.0	2.0	9.0	13.0
106	106	11	-2.0	2.0	9.0	13.0	106	106	11	-2.0	2.0	9.0	13.0	106	106	8	-2.0	2.0	6.0	10.0	106	106	8	-2.0	2.0	6.0	10.0	106	11.0	-2.0	2.0	9.0	13.0
122	122	11	-2.0	2.0	9.0	13.0	122	122	11	-2.0	2.0	9.0	13.0	122	122	8	-2.0	2.0	6.0	10.0	122	122	8	-2.0	2.0	6.0	10.0	122	11.0	-2.0	2.0	9.0	13.0
155	138-155	11	-2.0	2.0	9.0	13.0	155	138-155	11	-2.0	2.0	9.0	13.0	155	138-155	8	-2.0	2.0	6.0	10.0	155	138-155	8	-2.0	2.0	6.0	10.0	155	11.0	-2.0	2.0	9.0	13.0

EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)-MIMO																		
Mode	11ac 160M						Mode	11ac 160M						Mode	11ac 160M						Mode	11ac 160M						Mode	11ac 160M				
FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	36	11	-2.0	2.0	9.0	13.0	42	36	11	-2.0	2.0	9.0	13.0	42	36	8	-2.0	2.0	6.0	10.0	42	36	8	-2.0	2.0	6.0	10.0	42	11.0	-2.0	2.0	9.0	13.0
58	64	11	-2.0	2.0	9.0	13.0	58	64	11	-2.0	2.0	9.0	13.0	58	64	8	-2.0	2.0	6.0	10.0	58	64	8	-2.0	2.0	6.0	10.0	58	11.0	-2.0	2.0	9.0	13.0
106	106	11	-2.0	2.0	9.0	13.0	106	106	11	-2.0	2.0	9.0	13.0	106	106	8	-2.0	2.0	6.0	10.0	106	106	8	-2.0	2.0	6.0	10.0	106	11.0	-2.0	2.0	9.0	13.0
122	122	11	-2.0	2.0	9.0	13.0	122	122	11	-2.0	2.0	9.0	13.0	122	122	8	-2.0	2.0	6.0	10.0	122	122	8	-2.0	2.0	6.0	10.0	122	11.0	-2.0	2.0	9.0	13.0
155	138-155	11	-2.0	2.0	9.0	13.0	155	138-155	11	-2.0	2.0	9.0	13.0	155	138-155	8	-2.0	2.0	6.0	10.0	155	138-155	8	-2.0	2.0	6.0	10.0	155	11.0	-2.0	2.0	9.0	13.0

EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)						EUT State	WiFi+Cellular(Rcv Off)-MIMO																		
Mode	11ax 160M						Mode	11ax 160M						Mode	11ax 160M						Mode	11ax 160M						Mode	11ax 160M				
FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)	FCC Cnannel	Target Power (dBm)	Tolerance (dB)		Min (dBm)	Max (dBm)
42	36	11	-2.0	2.0	9.0	13.0	42	36	11	-2.0	2.0	9.0	13.0	42	36	8	-2.0	2.0	6.0	10.0	42	36	8	-2.0	2.0	6.0	10.0	42	11.0	-2.0	2.0	9.0	13.0
58	64	11	-2.0	2.0	9.0	13.0	58	64	11	-2.0	2.0	9.0	13.0	58	64	8	-2.0	2.0	6.0	10.0	58	64	8	-2.0	2.0	6.0	10.0	58	11.0	-2.0	2.0	9.0	13.0
106	106	11	-2.0	2.0	9.0	13.0	106	106	11	-2.0	2.0	9.0	13.0	106	106	8	-2.0	2.0	6.0	10.0	106	106	8	-2.0	2.0	6.0	10.0	106	11.0	-2.0	2.0	9.0	13.0
122	122	11	-2.0	2.0	9.0	13.0	122	122	11	-2.0	2.0	9.0	13.0	122	122	8	-2.0	2.0	6.0	10.0	122	122	8	-2.0	2.0	6.0	10.0	122	11.0	-2.0	2.0	9.0	13.0
155	138-155	11	-2.0	2.0	9.0	13.0	155	138-155	11	-2.0	2.0	9.0	13.0	155	138-155	8	-2.0	2.0	6.0	10.0	155	138-155	8	-2.0	2.0	6.0	10.0	155	11.0	-2.0	2.0	9.0	13.0

The maximum output power for BT

detection:		Average power	
BT ANT0	Tune up (dBm)		
	Target	Min.	Max.
DH5	16.0	12.0	18.5
2DH5	16.0	12.0	18.5
3DH5	16.0	12.0	18.5

detection:		Average power	
BT ANT1	Tune up (dBm)		
	Target	Min.	Max.
DH5	16.0	12.0	18.5
2DH5	16.0	12.0	18.5
3DH5	16.0	12.0	18.5

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The average conducted power for Wi-Fi is as following:

2.4G core0

WiFi Station(Rcv Off)			WiFi+cellular(Rcv On)			WiFi+cellular(Rcv Off)		
802.11b	Channel\data rate	1Mbps	802.11b	Channel\data	1Mbps	802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	15.11	WLAN2450	11(2462MHz)	12.09	WLAN2450	11(2462MHz)	14.06
	6(2437(MHz)	14.86		6(2437(MHz)	11.65		6(2437(MHz)	13.64
	1(2412MHz)	15.16		1(2412MHz)	12.17		1(2412MHz)	14.12
802.11g	Channel\data rate	6Mbps	802.11g	Channel\data	6Mbps	802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	17.29	WLAN2450	11(2462MHz)	11.33	WLAN2450	11(2462MHz)	13.39
	6(2437(MHz)	16.94		6(2437(MHz)	11.16		6(2437(MHz)	13.18
	1(2412MHz)	17.58		1(2412MHz)	11.65		1(2412MHz)	13.63
802.11n-20MHz	Channel\data rate	MCS0	802.11n-20MHz	Channel\data	MCS0	802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	16.83	WLAN2450	11(2462MHz)	11.07	WLAN2450	11(2462MHz)	13.06
	6(2437(MHz)	16.50		6(2437(MHz)	11.02		6(2437(MHz)	13.00
	1(2412MHz)	17.18		1(2412MHz)	11.43		1(2412MHz)	13.33
802.11n-40MHz	Channel\data rate	MCS0	802.11n-40MHz	Channel\data	MCS0	802.11n-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	17.51	WLAN2450	9(2452MHz)	11.87	WLAN2450	9(2452MHz)	14.10
	6(2437MHz)	16.63		6(2437MHz)	11.20		6(2437MHz)	13.68
	3(2422MHz)	17.15		3(2422MHz)	11.73		3(2422MHz)	14.08
802.11ax-20MHz	Channel\data rate	MCS0	802.11ax-20MHz	Channel\data	MCS0	802.11ax-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	16.31	WLAN2450	11(2462MHz)	11.26	WLAN2450	11(2462MHz)	13.27
	6(2437(MHz)	16.03		6(2437(MHz)	11.01		6(2437(MHz)	13.07
	1(2412MHz)	16.68		1(2412MHz)	11.63		1(2412MHz)	13.53
802.11ax-40MHz	Channel\data rate	MCS0	802.11ax-40MHz	Channel\data	MCS0	802.11ax-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	17.11	WLAN2450	9(2452MHz)	12.11	WLAN2450	9(2452MHz)	14.02
	6(2437MHz)	16.35		6(2437MHz)	11.41		6(2437MHz)	13.40
	3(2422MHz)	16.84		3(2422MHz)	11.88		3(2422MHz)	13.82

2.4G core1

WiFi Station(Rcv Off)			WiFi+Cellular(Rcv On)			WiFi+Cellular(Rcv Off)		
802.11b	Channel\data	1Mbps	802.11b	Channel\data	1Mbps	802.11b	Channel\data	1Mbps
WLAN2450	11(2462MHz)	14.56	WLAN2450	11(2462MHz)	12.07	WLAN2450	11(2462MHz)	14.05
	6(2437(MHz)	14.06		6(2437(MHz)	11.50		6(2437(MHz)	13.56
	1(2412MHz)	14.38		1(2412MHz)	11.92		1(2412MHz)	13.88
802.11g	Channel\data	6Mbps	802.11g	Channel\data	6Mbps	802.11g	Channel\data	6Mbps
WLAN2450	11(2462MHz)	17.54	WLAN2450	11(2462MHz)	11.96	WLAN2450	11(2462MHz)	14.01
	6(2437(MHz)	17.21		6(2437(MHz)	11.66		6(2437(MHz)	13.64
	1(2412MHz)	17.39		1(2412MHz)	11.91		1(2412MHz)	13.84
802.11n-20MHz	Channel\data	MCS0	802.11n-20MHz	Channel\data	MCS0	802.11n-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	17.21	WLAN2450	11(2462MHz)	11.57	WLAN2450	11(2462MHz)	13.69
	6(2437(MHz)	16.87		6(2437(MHz)	11.24		6(2437(MHz)	13.31
	1(2412MHz)	17.09		1(2412MHz)	11.50		1(2412MHz)	13.52
802.11n-40MHz	Channel\data	MCS0	802.11n-40MHz	Channel\data	MCS0	802.11n-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	16.98	WLAN2450	9(2452MHz)	11.12	WLAN2450	9(2452MHz)	13.13
	6(2437MHz)	17.03		6(2437MHz)	11.00		6(2437MHz)	13.21
	3(2422MHz)	17.39		3(2422MHz)	11.45		3(2422MHz)	13.26
802.11ax-20MHz	Channel\data	MCS0	802.11ax-20MHz	Channel\data	MCS0	802.11ax-20MHz	Channel\data	MCS0
WLAN2450	11(2462MHz)	16.71	WLAN2450	11(2462MHz)	11.87	WLAN2450	11(2462MHz)	13.84
	6(2437(MHz)	16.43		6(2437(MHz)	11.46		6(2437(MHz)	13.43
	1(2412MHz)	16.68		1(2412MHz)	11.76		1(2412MHz)	13.66
802.11ax-40MHz	Channel\data	MCS0	802.11ax-40MHz	Channel\data	MCS0	802.11ax-40MHz	Channel\data	MCS0
WLAN2450	9(2452MHz)	16.65	WLAN2450	9(2452MHz)	11.21	WLAN2450	9(2452MHz)	13.28
	6(2437MHz)	16.73		6(2437MHz)	11.29		6(2437MHz)	13.46
	3(2422MHz)	17.09		3(2422MHz)	11.50		3(2422MHz)	13.53

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5G core0

WiFi Station(Rcv Off)	
802.11n(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	16.11
46(5230 MHz)	15.54
54(5270 MHz)	16.48
62(5310 MHz)	15.31
102(5510 MHz)	14.55
110(5550 MHz)	13.88
118(5590 MHz)	13.66
126(5630 MHz)	14.86
134(5670 MHz)	16.41
142(5710 MHz)	16.03
151(5755 MHz)	16.51
159(5795 MHz)	15.92

WiFi+Cellular(Rcv Off)	
802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	12.25
58(5290 MHz)	12.12
106(5530 MHz)	10.89
122(5610 MHz)	10.99
138(5690 MHz)	12.33
155(5775 MHz)	12.51
802.11ax(dBm)-160MHz	
Channel\data rate	MCS0
50(5250 MHz)	10.89
114(5570 MHz)	9.29

WiFi+Cellular(Rcv On)	
802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	10.26
58(5290 MHz)	10.49
106(5530 MHz)	8.85
122(5610 MHz)	8.93
138(5690 MHz)	10.16
155(5775 MHz)	10.42
802.11ax(dBm)-160MHz	
Channel\data rate	MCS0
50(5250 MHz)	8.79
114(5570 MHz)	7.22

WiFi+Cellular+BT(Rcv On)/wifi+voip	
802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	9.27
58(5290 MHz)	9.10
106(5530 MHz)	7.86
122(5610 MHz)	7.97
138(5690 MHz)	9.24
155(5775 MHz)	9.33
802.11ax(dBm)-160MHz	
Channel\data rate	MCS0
50(5250 MHz)	7.76
114(5570 MHz)	6.06

802.11ax(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	15.18
46(5230 MHz)	15.24
54(5270 MHz)	14.66
62(5310 MHz)	13.57
102(5510 MHz)	14.33
110(5550 MHz)	13.47
118(5590 MHz)	13.19
126(5630 MHz)	14.27
134(5670 MHz)	15.72
142(5710 MHz)	15.19
151(5755 MHz)	14.11
159(5795 MHz)	13.34

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5G core1

802.11a(dBm) WiFi Station(Rcv Off)	
Channel\data rate	6Mbps
36(5180 MHz)	16.25
40(5200 MHz)	16.32
44(5220 MHz)	15.95
48(5240 MHz)	15.77
52(5260 MHz)	15.01
56(5280 MHz)	15.63
60(5300 MHz)	16.31
64(5320 MHz)	16.40
100(5500 MHz)	15.25
104(5520 MHz)	15.42
108(5540 MHz)	15.46
112(5560 MHz)	15.71
116(5580 MHz)	15.91
120(5600 MHz)	16.14
124(5620 MHz)	15.91
128(5640 MHz)	15.94
132(5660 MHz)	16.01
136(5680 MHz)	16.17
140(5700 MHz)	16.39
144(5720 MHz)	16.67
149(5745 MHz)	16.60
153(5765 MHz)	16.70
157(5785 MHz)	16.85
161(5805 MHz)	16.66
165(5825 MHz)	16.75

802.11ax(dBm)-40MHz	
Channel\data rate	MCS0
38(5190 MHz)	15.24
46(5230 MHz)	14.31
54(5270 MHz)	14.29
62(5310 MHz)	14.47
102(5510 MHz)	14.27
110(5550 MHz)	15.01
118(5590 MHz)	15.45
126(5630 MHz)	15.91
134(5670 MHz)	16.19
142(5710 MHz)	16.35
151(5755 MHz)	16.55
159(5795 MHz)	16.62

WiFi+Cellular(Rcv Off)	
802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	12.48
58(5290 MHz)	12.39
106(5530 MHz)	9.74
122(5610 MHz)	11.49
138(5690 MHz)	12.72
155(5775 MHz)	12.84
802.11ax(dBm)-160MHz	
Channel\data rate	MCS0
50(5250 MHz)	10.04
114(5570 MHz)	10.81

WiFi+Cellular(Rcv On)	
802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	10.17
58(5290 MHz)	10.15
106(5530 MHz)	7.44
122(5610 MHz)	9.20
138(5690 MHz)	10.67
155(5775 MHz)	10.61
802.11ax(dBm)-160MHz	
Channel\data rate	MCS0
50(5250 MHz)	8.12
114(5570 MHz)	8.69

WiFi+Cellular+BT(Rcv On)/wifi+voip	
802.11ac(dBm)-80MHz	
Channel\data rate	MCS0
42(5210 MHz)	9.13
58(5290 MHz)	9.14
106(5530 MHz)	6.77
122(5610 MHz)	8.53
138(5690 MHz)	10.01
155(5775 MHz)	10.05
802.11ax(dBm)-160MHz	
Channel\data rate	MCS0
50(5250 MHz)	6.85
114(5570 MHz)	7.46

The average conducted power for BT is as following:

BR/EDR										
		GFSK			EDR2M-4_DQPSK			EDR3M-8DPSK		
		Channel 0	Channel 39	Channel 78	Channel 0	Channel 39	Channel 78	Channel 0	Channel 39	Channel 78
Maximum Transmit Power(<20dBm)	ANT0	17.11	16.55	16.50	14.30	13.74	13.67	14.33	13.78	13.71
	ANT1	16.91	16.61	16.35	14.23	13.90	13.85	14.20	13.89	13.83

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13 Antenna Location

13.1 Transmit Antenna Separation Distances

The detail for transmit antenna separation distances is described in the additional document:
Appendix to test report No.I21Z60790-SEM01
The photos of SAR test

13.2 SAR Measurement Positions

According to the KDB941225 D06 Hot Spot SAR v01, the edges with less than 2.5 cm distance to the antennas need to be tested for SAR.

SAR measurement positions						
Mode	Front	Rear	Left edge	Right edge	Top edge	Bottom edge
ANT0	Yes	Yes	Yes	Yes	No	Yes
ANT1	Yes	Yes	Yes	Yes	No	Yes
ANT2	Yes	Yes	Yes	Yes	Yes	No
ANT6	Yes	Yes	Yes	Yes	Yes	No
ANT3	Yes	Yes	Yes	Yes	Yes	No
ANT9	Yes	Yes	Yes	Yes	Yes	No
Core0	Yes	Yes	No	Yes	Yes	No
Core1	Yes	Yes	No	Yes	Yes	No

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14 SAR Test Result

Note:

KDB 447498 D01 General RF Exposure Guidance:

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

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

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

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

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

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

KDB 648474 D04 Handset SAR:

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

KDB 941225 D01 SAR test for 3G devices:

When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

KDB 941225 D05 SAR for LTE Devices:

SAR test reduction is applied using the following criteria:

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

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

Testing for 100% RB configuration is performed at the highest output power level for 100% RB configuration across the Low,Mid and High Channel when the highest reported SAR for 1 RB and 50% RB are > 0.8 W/kg. Testing for the remaining required channels is not needed because the reported SAR for 100% RB Allocation < 1.45 W/kg.

Testing for 16-QAM modulation is not required because the reported SAR for QPSK is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of QPSK.

Testing for the other channel bandwidths is not required because the reported SAR for the highest channel bandwidth is <1.45 W/Kg and its output power is not more than 0.5 dB higher than that of the highest channel bandwidth.

For LTE bands that do not support at least three non-overlapping channels in certain channel bandwidths, test the available non-overlapping channels instead. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the

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group of overlapping channels should be selected for testing; therefore, the requirement for H, M and L channels may not fully apply.

KDB 248227 D01 SAR meas for 802.11:

SAR test reduction for 802.11 Wi-Fi transmission mode configurations are considered separately for DSSS and OFDM. An initial test position is determined to reduce the number of tests required for certain exposure configurations with multiple test positions.An initial test configuration is determined for each frequency band and aggregated band according to maximum output power, channel bandwidth, wireless mode configurations and other operating parameters to streamline the measurement requirements. For 2.4 GHz DSSS, either the initial test position or DSSS procedure is applied to reduce the number of SAR tests; these are mutually exclusive. For OFDM, an initial test position is only applicable to next to the ear, UMPC mini-tablet and hotspot mode configurations, which is tested using the initial test configuration to facilitate test reduction. For other exposure conditions with a fixed test position, SAR test reduction is determined using only the initial test configuration.

To determine the initial test position, Area Scans were performed to determine the position with the Maximum Value of SAR (measured). The position that produced the highest Maximum Value of SAR is considered the worst case position; thus used as the initial test position.

The multiple test positions require SAR measurements in head, hotspot mode or UMPC mini-tablet configurations may be reduced according to the highest reported SAR determined using the initial test position(s) by applying the DSSS or OFDM SAR measurement procedures in the required wireless mode test configuration(s). The initial test position(s) is measured using the highest measured maximum output power channel in the required wireless mode test configuration(s).

When the reported SAR for the initial test position is:

≤ 0.4 W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and wireless mode combination within the frequency band or aggregated band. DSSS and OFDM configurations are considered separately according to the required SAR procedures.

> 0.4 W/kg, SAR is repeated using the same wireless mode test configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position, on the highest maximum output power channel, until the reported SAR is ≤ 0.8 W/kg or all required test positions are tested.

- For subsequent test positions with equivalent test separation distance or when exposure is dominated by coupling conditions, the position for maximum coupling condition should be tested.
- When it is unclear, all equivalent conditions must be tested.

For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, measure the SAR for these positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required test channels are considered.

- The additional power measurements required for this step should be limited to those necessary for identifying subsequent highest output power channels to apply the test reduction.

When the specified maximum output power is the same for both UNII 1 and UNII 2A, begin SAR measurements in UNII 2A with the channel with the highest measured output power. If the reported SAR for UNII 2A is ≤ 1.2 W/kg, SAR is not required for UNII 1; otherwise treat the remaining bands separately and test them independently for SAR.

When the specified maximum output power is different between UNII 1 and UNII 2A, begin SAR

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with the band that has the higher specified maximum output. If the highest reported SAR for the band with the highest specified power is ≤ 1.2 W/kg, testing for the band with the lower specified output power is not required; otherwise test the remaining bands independently for SAR.

Duty Cycle

Mode	Duty Cycle
Speech for GSM	1:8.3
GPRS&EGPRS 1 Slot	1:8.3
GPRS&EGPRS 2 Slot	1:4
GPRS&EGPRS 3 Slot	1:2.67
GPRS&EGPRS 4 Slot	1:2
WCDMA&LTE FDD	1:1
TDD PC3	1:1.58
TDD PC2	1:2.309

Ambient Temperature: 21.5-23.5 ℃ Liquid Temperature: 21.5-23.5 ℃

14.1 SAR results for 2/3/4G

Main Antenna

DSI1 (Head)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
0	DSI1	Head	GSM850	251	848.8	GSM	Cheek Left	0mm	\	32.40	33.2	0.097	**0.12**	0.073	**0.09**	0.04
0	DSI1	Head	GSM850	190	836.6	GSM	Cheek Left	0mm	A.1	32.44	33.2	0.109	**0.13**	0.081	**0.10**	0.03
0	DSI1	Head	GSM850	128	824.2	GSM	Cheek Left	0mm	\	32.24	33.2	0.102	**0.13**	0.074	**0.09**	-0.03
0	DSI1	Head	GSM850	190	836.6	GSM	Tilt Left	0mm	\	32.44	33.2	0.054	**0.06**	0.043	**0.05**	0.00
0	DSI1	Head	GSM850	190	836.6	GSM	Cheek Right	0mm	\	32.44	33.2	0.08	**0.10**	0.063	**0.07**	-0.08
0	DSI1	Head	GSM850	190	836.6	GSM	Tilt Right	0mm	\	32.44	33.2	0.058	**0.07**	0.047	**0.06**	-0.19
0	DSI1	Head	GSM850	190	836.6	GSM	Cheek Left	0mm	S	32.44	33.2	0.101	**0.12**	0.074	**0.09**	0.05
0	DSI1	Head	GSM850	190	836.6	GSM	Cheek Left	0mm	B	32.44	33.2	0.089	**0.11**	0.062	**0.07**	-0.14
1	DSI1	Head	GSM1900	810	1909.8	GSM	Cheek Left	0mm	A.2	29.44	30.2	0.101	**0.12**	0.062	**0.07**	0.01
1	DSI1	Head	GSM1900	661	1880	GSM	Cheek Left	0mm	\	29.17	30.2	0.075	**0.10**	0.045	**0.06**	0.00
1	DSI1	Head	GSM1900	512	1850.2	GSM	Cheek Left	0mm	\	29.37	30.2	0.07	**0.08**	0.043	**0.05**	0.15
1	DSI1	Head	GSM1900	661	1880	GSM	Tilt Left	0mm	\	29.17	30.2	0.068	**0.09**	0.039	**0.05**	-0.12
1	DSI1	Head	GSM1900	661	1880	GSM	Cheek Right	0mm	\	29.17	30.2	0.069	**0.09**	0.042	**0.05**	-0.19
1	DSI1	Head	GSM1900	661	1880	GSM	Tilt Right	0mm	\	29.17	30.2	0.045	**0.06**	0.024	**0.03**	0.14
1	DSI1	Head	GSM1900	810	1909.8	GSM	Cheek Left	0mm	S	29.44	30.2	0.094	**0.11**	0.057	**0.07**	-0.09
1	DSI1	Head	GSM1900	810	1909.8	GSM	Cheek Left	0mm	B	29.44	30.2	0.085	**0.10**	0.046	**0.05**	0.05
1	DSI1	Head	WCDMA1900	9538	1907.6	RMC	Cheek Left	0mm	A.3	23.52	24.5	0.119	**0.15**	0.074	**0.09**	0.15
1	DSI1	Head	WCDMA1900	9400	1880	RMC	Cheek Left	0mm	\	23.71	24.5	0.101	**0.12**	0.063	**0.08**	0.13
1	DSI1	Head	WCDMA1900	9262	1852.4	RMC	Cheek Left	0mm	\	23.64	24.5	0.094	**0.11**	0.059	**0.07**	0.00
1	DSI1	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	\	23.71	24.5	0.096	**0.12**	0.056	**0.07**	-0.06
1	DSI1	Head	WCDMA1900	9400	1880	RMC	Cheek Right	0mm	\	23.71	24.5	0.09	**0.11**	0.055	**0.07**	-0.09
1	DSI1	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	\	23.71	24.5	0.065	**0.08**	0.036	**0.04**	-0.17
1	DSI1	Head	WCDMA1900	9538	1907.6	RMC	Cheek Left	0mm	S	23.52	24.5	0.106	**0.13**	0.069	**0.09**	0.05
1	DSI1	Head	WCDMA1900	9538	1907.6	RMC	Cheek Left	0mm	B	23.52	24.5	0.094	**0.12**	0.061	**0.08**	0.04
1	DSI1	Head	WCDMA1700	1413	1732.6	RMC	Cheek Left	0mm	\	23.60	24.5	0.074	**0.09**	0.047	**0.06**	0.17
1	DSI1	Head	WCDMA1700	1413	1732.6	RMC	Tilt Left	0mm	\	23.60	24.5	0.089	**0.11**	0.051	**0.06**	-0.10
1	DSI1	Head	WCDMA1700	1513	1752.6	RMC	Cheek Right	0mm	A.4	23.62	24.5	0.137	**0.17**	0.085	**0.10**	0.05
1	DSI1	Head	WCDMA1700	1413	1732.6	RMC	Cheek Right	0mm	\	23.60	24.5	0.126	**0.16**	0.079	**0.10**	0.04
1	DSI1	Head	WCDMA1700	1312	1712.4	RMC	Cheek Right	0mm	\	23.69	24.5	0.115	**0.14**	0.072	**0.09**	-0.18
1	DSI1	Head	WCDMA1700	1413	1732.6	RMC	Tilt Right	0mm	\	23.60	24.5	0.072	**0.09**	0.045	**0.06**	0.03
1	DSI1	Head	WCDMA1700	1513	1752.6	RMC	Cheek Right	0mm	S	23.62	24.5	0.131	**0.16**	0.08	**0.10**	0.06
1	DSI1	Head	WCDMA1700	1513	1752.6	RMC	Cheek Right	0mm	B	23.62	24.5	0.118	**0.14**	0.067	**0.08**	-0.09
0	DSI1	Head	WCDMA 850	4233	846.6	RMC	Cheek Left	0mm	A.5	24.47	25.5	0.182	**0.23**	0.136	**0.17**	0.06
0	DSI1	Head	WCDMA 850	4183	836.6	RMC	Cheek Left	0mm	\	24.57	25.5	0.174	**0.22**	0.13	**0.16**	-0.12
0	DSI1	Head	WCDMA 850	4132	826.4	RMC	Cheek Left	0mm	\	24.52	25.5	0.15	**0.19**	0.112	**0.14**	0.18
0	DSI1	Head	WCDMA 850	4183	836.6	RMC	Tilt Left	0mm	\	24.57	25.5	0.066	**0.08**	0.053	**0.07**	0.19
0	DSI1	Head	WCDMA 850	4183	836.6	RMC	Cheek Right	0mm	\	24.57	25.5	0.124	**0.15**	0.099	**0.12**	0.02
0	DSI1	Head	WCDMA 850	4183	836.6	RMC	Tilt Right	0mm	\	24.57	25.5	0.07	**0.09**	0.056	**0.07**	0.19
0	DSI1	Head	WCDMA 850	4233	846.6	RMC	Cheek Left	0mm	S	24.47	25.5	0.169	**0.21**	0.121	**0.15**	-0.05
0	DSI1	Head	WCDMA 850	4233	846.6	RMC	Cheek Left	0mm	B	24.47	25.5	0.154	**0.20**	0.115	**0.15**	0.07

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ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
1	DSI1	Head	LTE Band2	18900	1880	1RB-High	Cheek Left	0mm	A.6	22.47	24	0.128	**0.18**	0.079	**0.11**	0.08
1	DSI1	Head	LTE Band2	18900	1880	1RB-High	Tilt Left	0mm	\	22.47	24	0.065	**0.09**	0.039	**0.06**	0.13
1	DSI1	Head	LTE Band2	18900	1880	1RB-High	Cheek Right	0mm	\	22.47	24	0.064	**0.09**	0.04	**0.06**	-0.09
1	DSI1	Head	LTE Band2	18900	1880	1RB-High	Tilt Right	0mm	\	22.47	24	0.037	**0.05**	0.022	**0.03**	0.07
1	DSI1	Head	LTE Band2	18900	1880	50RB-High	Cheek Left	0mm	\	21.58	23	0.104	**0.14**	0.064	**0.09**	-0.07
1	DSI1	Head	LTE Band2	18900	1880	50RB-High	Tilt Left	0mm	\	21.58	23	0.052	**0.07**	0.031	**0.04**	0.10
1	DSI1	Head	LTE Band2	18900	1880	50RB-High	Cheek Right	0mm	\	21.58	23	0.051	**0.07**	0.032	**0.04**	-0.11
1	DSI1	Head	LTE Band2	18900	1880	50RB-High	Tilt Right	0mm	\	21.58	23	0.029	**0.04**	0.018	**0.02**	0.00
1	DSI1	Head	LTE Band2	18900	1880	1RB-High	Cheek Left	0mm	S	22.47	24	0.124	**0.18**	0.074	**0.11**	0.16
1	DSI1	Head	LTE Band2	18900	1880	1RB-High	Cheek Left	0mm	B	22.47	24	0.109	**0.16**	0.061	**0.09**	-0.04
1	DSI1	Head	LTE Band4	20050	1720	1RB-High	Cheek Left	0mm	\	23.17	24.5	0.102	**0.14**	0.065	**0.09**	0.07
1	DSI1	Head	LTE Band4	20050	1720	1RB-High	Tilt Left	0mm	\	23.17	24.5	0.061	**0.08**	0.037	**0.05**	0.03
1	DSI1	Head	LTE Band4	20050	1720	1RB-High	Cheek Right	0mm	A.7	23.17	24.5	0.109	**0.15**	0.067	**0.09**	0.12
1	DSI1	Head	LTE Band4	20050	1720	1RB-High	Tilt Right	0mm	\	23.17	24.5	0.05	**0.07**	0.029	**0.04**	0.18
1	DSI1	Head	LTE Band4	20050	1720	50RB-Middle	Cheek Left	0mm	\	22.31	23.5	0.078	**0.10**	0.05	**0.07**	0.04
1	DSI1	Head	LTE Band4	20050	1720	50RB-Middle	Tilt Left	0mm	\	22.31	23.5	0.045	**0.06**	0.027	**0.04**	-0.12
1	DSI1	Head	LTE Band4	20050	1720	50RB-Middle	Cheek Right	0mm	\	22.31	23.5	0.086	**0.11**	0.052	**0.07**	0.06
1	DSI1	Head	LTE Band4	20050	1720	50RB-Middle	Tilt Right	0mm	\	22.31	23.5	0.037	**0.05**	0.022	**0.03**	-0.05
1	DSI1	Head	LTE Band4	20050	1720	1RB-High	Cheek Right	0mm	S	23.17	24.5	0.106	**0.14**	0.064	**0.09**	0.14
1	DSI1	Head	LTE Band4	20050	1720	1RB-High	Cheek Right	0mm	B	23.17	24.5	0.097	**0.13**	0.058	**0.08**	0.05
3	DSI1	Head	LTE Band7	21100	2535	1RB-High	Cheek Left	0mm	\	21.45	22.2	0.209	**0.25**	0.102	**0.12**	-0.04
3	DSI1	Head	LTE Band7	21100	2535	1RB-High	Tilt Left	0mm	\	21.45	22.2	0.093	**0.11**	0.042	**0.05**	-0.11
3	DSI1	Head	LTE Band7	21350	2560	1RB-Low	Cheek Right	0mm	\	21.44	22.2	0.739	**0.88**	0.337	**0.40**	0.17
3	DSI1	Head	LTE Band7	21100	2535	1RB-High	Cheek Right	0mm	\	21.45	22.2	0.683	**0.81**	0.291	**0.35**	0.06
3	DSI1	Head	LTE Band7	20850	2510	1RB-High	Cheek Right	0mm	\	21.28	22.2	0.748	**0.92**	0.31	**0.38**	0.13
3	DSI1	Head	LTE Band7	21100	2535	1RB-High	Tilt Right	0mm	\	21.45	22.2	0.268	**0.32**	0.108	**0.13**	0.13
3	DSI1	Head	LTE Band7	21100	2535	50RB-High	Cheek Left	0mm	\	21.61	22.2	0.232	**0.27**	0.111	**0.13**	-0.01
3	DSI1	Head	LTE Band7	21100	2535	50RB-High	Tilt Left	0mm	\	21.61	22.2	0.112	**0.13**	0.048	**0.05**	-0.17
3	DSI1	Head	LTE Band7	21350	2560	50RB-Low	Cheek Right	0mm	\	21.59	22.2	0.739	**0.85**	0.338	**0.39**	0.05
3	DSI1	Head	LTE Band7	21100	2535	50RB-High	Cheek Right	0mm	\	21.61	22.2	0.709	**0.81**	0.296	**0.34**	0.03
3	DSI1	Head	LTE Band7	20850	2510	50RB-Middle	Cheek Right	0mm	A.8	21.43	22.2	0.757	**0.90**	0.31	**0.37**	0.11
3	DSI1	Head	LTE Band7	21100	2535	50RB-High	Tilt Right	0mm	\	21.61	22.2	0.293	**0.34**	0.118	**0.14**	-0.04
3	DSI1	Head	LTE Band7	21350	2560	100RB	Cheek Right	0mm	\	21.5	22.2	0.73	**0.86**	0.336	**0.39**	0.13
3	DSI1	Head	LTE Band7	21100	2535	50RB-High	Cheek Right	0mm	S	21.61	22.2	0.696	**0.80**	0.287	**0.33**	-0.02
3	DSI1	Head	LTE Band7	21100	2535	50RB-High	Cheek Right	0mm	B	21.61	22.2	0.674	**0.77**	0.268	**0.31**	0.05
3	DSI1	Head	LTE Band7	20825	2507.5	1RB-High	Cheek Right	0mm	UL CA	20.83	22.2	0.718	**0.98**	0.294	**0.40**	0.06
0	DSI1	Head	LTE Band12	23130	711	1RB-High	Cheek Left	0mm	A.9	24.47	25	0.108	**0.12**	0.083	**0.09**	0.04
0	DSI1	Head	LTE Band12	23130	711	1RB-High	Tilt Left	0mm	\	24.47	25	0.058	**0.07**	0.048	**0.05**	-0.10
0	DSI1	Head	LTE Band12	23130	711	1RB-High	Cheek Right	0mm	\	24.47	25	0.074	**0.08**	0.062	**0.07**	0.17
0	DSI1	Head	LTE Band12	23130	711	1RB-High	Tilt Right	0mm	\	24.47	25	0.092	**0.10**	0.046	**0.05**	0.18
0	DSI1	Head	LTE Band12	23130	711	25RB-Middle	Cheek Left	0mm	\	23.62	24	0.076	**0.08**	0.06	**0.07**	0.01
0	DSI1	Head	LTE Band12	23130	711	25RB-Middle	Tilt Left	0mm	\	23.62	24	0.045	**0.05**	0.037	**0.04**	-0.18
0	DSI1	Head	LTE Band12	23130	711	25RB-Middle	Cheek Right	0mm	\	23.62	24	0.053	**0.06**	0.044	**0.05**	-0.15
0	DSI1	Head	LTE Band12	23130	711	25RB-Middle	Tilt Right	0mm	\	23.62	24	0.083	**0.09**	0.042	**0.05**	-0.12
0	DSI1	Head	LTE Band12	23130	711	1RB-High	Cheek Left	0mm	S	24.47	25	0.104	**0.12**	0.079	**0.09**	0.15
0	DSI1	Head	LTE Band12	23130	711	1RB-High	Cheek Left	0mm	B	24.47	25	0.097	**0.11**	0.072	**0.08**	0.04

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ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
0	DSI1	Head	LTE Band26	26775	822.5	1RB-Low	Cheek Left	0mm	A.10	23.96	25.5	0.101	**0.14**	0.075	**0.11**	0.01
0	DSI1	Head	LTE Band26	26775	822.5	1RB-Low	Tilt Left	0mm	\	23.96	25.5	0.045	**0.06**	0.037	**0.05**	0.13
0	DSI1	Head	LTE Band26	26775	822.5	1RB-Low	Cheek Right	0mm	\	23.96	25.5	0.069	**0.10**	0.055	**0.08**	0.01
0	DSI1	Head	LTE Band26	26775	822.5	1RB-Low	Tilt Right	0mm	\	23.96	25.5	0.059	**0.08**	0.046	**0.07**	-0.17
0	DSI1	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Left	0mm	\	23.01	24.5	0.088	**0.12**	0.065	**0.09**	0.14
0	DSI1	Head	LTE Band26	26775	822.5	36RB-Low	Tilt Left	0mm	\	23.01	24.5	0.04	**0.06**	0.031	**0.04**	-0.08
0	DSI1	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Right	0mm	\	23.01	24.5	0.06	**0.08**	0.048	**0.07**	-0.10
0	DSI1	Head	LTE Band26	26775	822.5	36RB-Low	Tilt Right	0mm	\	23.01	24.5	0.054	**0.08**	0.042	**0.06**	0.12
0	DSI1	Head	LTE Band26	26775	822.5	1RB-Low	Cheek Left	0mm	S	23.96	25.5	0.089	**0.13**	0.067	**0.10**	0.08
0	DSI1	Head	LTE Band26	26775	822.5	1RB-Low	Cheek Left	0mm	B	23.96	25.5	0.076	**0.11**	0.059	**0.08**	-0.14
1	DSI1	Head	LTE Band38	38000	2595	1RB-High	Cheek Left	0mm	\	23.83	24.8	0.055	**0.07**	0.027	**0.03**	0.09
1	DSI1	Head	LTE Band38	38000	2595	1RB-High	Tilt Left	0mm	\	23.83	24.8	0.03	**0.04**	0.014	**0.02**	0.00
1	DSI1	Head	LTE Band38	38000	2595	1RB-High	Cheek Right	0mm	\	23.83	24.8	0.061	**0.08**	0.029	**0.04**	-0.15
1	DSI1	Head	LTE Band38	38000	2595	1RB-High	Tilt Right	0mm	\	23.83	24.8	0.034	**0.04**	0.016	**0.02**	0.00
1	DSI1	Head	LTE Band38	38150	2610	50RB-Middle	Cheek Left	0mm	\	23.62	24.8	0.051	**0.07**	0.025	**0.03**	-0.14
1	DSI1	Head	LTE Band38	38150	2610	50RB-Middle	Tilt Left	0mm	\	23.62	24.8	0.03	**0.04**	0.013	**0.02**	0.00
1	DSI1	Head	LTE Band38	38150	2610	50RB-Middle	Cheek Right	0mm	A.11	23.62	24.8	0.063	**0.08**	0.03	**0.04**	0.09
1	DSI1	Head	LTE Band38	38150	2610	50RB-Middle	Tilt Right	0mm	\	23.62	24.8	0.034	**0.04**	0.017	**0.02**	0.00
1	DSI1	Head	LTE Band38	38150	2610	50RB-Middle	Cheek Right	0mm	S	23.62	24.8	0.057	**0.07**	0.026	**0.03**	0.07
1	DSI1	Head	LTE Band38	38150	2610	50RB-Middle	Cheek Right	0mm	B	23.62	24.8	0.045	**0.06**	0.019	**0.02**	0.00
1	DSI1	Head	LTE Band38	38150	2610	1RB-Low	Cheek Right	0mm	UL CA	23.34	24.8	0.058	**0.08**	0.026	**0.04**	0.15
1	DSI1	Head	LTE Band41	41055	2636.5	1RB-Middle	Cheek Left	0mm	\	23.70	24.6	0.033	**0.04**	0.014	**0.02**	0.00
1	DSI1	Head	LTE Band41	41055	2636.5	1RB-Middle	Tilt Left	0mm	\	23.70	24.6	0.015	**0.02**	<0.01	**<0.01**	/
1	DSI1	Head	LTE Band41	41055	2636.5	1RB-Middle	Cheek Right	0mm	\	23.70	24.6	0.023	**0.03**	0.01	**0.01**	0.00
1	DSI1	Head	LTE Band41	41055	2636.5	1RB-Middle	Tilt Right	0mm	\	23.70	24.6	0.022	**0.03**	0.01	**0.01**	0.00
1	DSI1	Head	LTE Band41	41055	2636.5	50RB-Middle	Cheek Left	0mm	A.12	23.75	24.6	0.034	**0.04**	0.015	**0.02**	0.00
1	DSI1	Head	LTE Band41	41055	2636.5	50RB-Middle	Tilt Left	0mm	\	23.75	24.6	0.016	**0.02**	<0.01	**<0.01**	/
1	DSI1	Head	LTE Band41	41055	2636.5	50RB-Middle	Cheek Right	0mm	\	23.75	24.6	0.023	**0.03**	0.011	**0.01**	/
1	DSI1	Head	LTE Band41	41055	2636.5	50RB-Middle	Tilt Right	0mm	\	23.75	24.6	0.023	**0.03**	0.011	**0.01**	/
1	DSI1	Head	LTE Band41	41055	2636.5	50RB-Middle	Cheek Left	0mm	S	23.75	24.6	0.032	**0.04**	0.013	**0.02**	0.00
1	DSI1	Head	LTE Band41	41055	2636.5	50RB-Middle	Cheek Left	0mm	B	23.75	24.6	0.026	**0.03**	0.012	**0.01**	/
1	DSI1	Head	LTE Band41	41490	2680	1RB-Low	Cheek Left	0mm	UL CA	23.32	24.6	0.028	**0.04**	0.013	**0.02**	0.00
1	DSI1	Head	LTE Band66	132322	1745	1RB-High	Cheek Left	0mm	A.13	23.46	24.5	0.138	**0.18**	0.087	**0.11**	0.02
1	DSI1	Head	LTE Band66	132322	1745	1RB-High	Tilt Left	0mm	\	23.46	24.5	0.062	**0.08**	0.038	**0.05**	-0.07
1	DSI1	Head	LTE Band66	132322	1745	1RB-High	Cheek Right	0mm	\	23.46	24.5	0.126	**0.16**	0.079	**0.10**	0.04
1	DSI1	Head	LTE Band66	132322	1745	1RB-High	Tilt Right	0mm	\	23.46	24.5	0.059	**0.08**	0.037	**0.05**	-0.01
1	DSI1	Head	LTE Band66	132322	1745	50RB-Middle	Cheek Left	0mm	\	22.56	23.5	0.11	**0.14**	0.07	**0.09**	0.06
1	DSI1	Head	LTE Band66	132322	1745	50RB-Middle	Tilt Left	0mm	\	22.56	23.5	0.049	**0.06**	0.03	**0.04**	-0.12
1	DSI1	Head	LTE Band66	132322	1745	50RB-Middle	Cheek Right	0mm	\	22.56	23.5	0.098	**0.12**	0.062	**0.08**	0.07
1	DSI1	Head	LTE Band66	132322	1745	50RB-Middle	Tilt Right	0mm	\	22.56	23.5	0.042	**0.05**	0.026	**0.03**	0.19
1	DSI1	Head	LTE Band66	132322	1745	1RB-High	Cheek Left	0mm	S	23.46	24.5	0.118	**0.15**	0.064	**0.08**	-0.17
1	DSI1	Head	LTE Band66	132322	1745	1RB-High	Cheek Left	0mm	B	23.46	24.5	0.109	**0.14**	0.056	**0.07**	0.07

DSI3 (Body worn)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
0	DSI3	Body	GSM850	190	836.6	GPRS(1TX)	Front	15mm	\	32.27	33.2	0.101	**0.13**	0.065	**0.08**	0.10
0	DSI3	Body	GSM850	251	848.8	GPRS(1TX)	Rear	15mm	\	32.48	33.2	0.092	**0.11**	0.064	**0.08**	0.02
0	DSI3	Body	GSM850	190	836.6	GPRS(1TX)	Rear	15mm	A.14	32.27	33.2	0.109	**0.13**	0.075	**0.09**	0.13
0	DSI3	Body	GSM850	128	824.2	GPRS(1TX)	Rear	15mm	\	32.43	33.2	0.107	**0.13**	0.075	**0.09**	-0.05
0	DSI3	Body	GSM850	190	836.6	EGPRS(1TX)	Rear	15mm	\	32.49	33.2	0.105	**0.12**	0.072	**0.08**	-0.11
0	DSI3	Body	GSM850	190	836.6	GPRS(1TX)	Rear	15mm	S	32.27	33.2	0.097	**0.12**	0.067	**0.08**	0.08
0	DSI3	Body	GSM850	190	836.6	GPRS(1TX)	Rear	15mm	B	32.27	33.2	0.087	**0.11**	0.059	**0.07**	-0.12
1	DSI3	Body	GSM1900	661	1880	GPRS(1TX)	Front	15mm	\	29.36	30.2	0.065	**0.08**	0.036	**0.04**	0.13
1	DSI3	Body	GSM1900	810	1909.8	GPRS(1TX)	Rear	15mm	A.15	29.61	30.2	0.107	**0.12**	0.061	**0.07**	0.16
1	DSI3	Body	GSM1900	661	1880	GPRS(1TX)	Rear	15mm	\	29.36	30.2	0.089	**0.11**	0.05	**0.06**	0.18
1	DSI3	Body	GSM1900	512	1850.2	GPRS(1TX)	Rear	15mm	\	29.23	30.2	0.07	**0.09**	0.04	**0.05**	-0.14
1	DSI3	Body	GSM1900	810	1909.8	EGPRS(1TX)	Rear	15mm	\	29.17	30.2	0.096	**0.12**	0.055	**0.07**	0.13
1	DSI3	Body	GSM1900	810	1909.8	GPRS(1TX)	Rear	15mm	S	29.36	30.2	0.1	**0.12**	0.057	**0.07**	0.05
1	DSI3	Body	GSM1900	810	1909.8	GPRS(1TX)	Rear	15mm	B	29.36	30.2	0.089	**0.11**	0.041	**0.05**	-0.08

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ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
1	DSI3	Body	WCDMA1900	9400	1880	RMC	Front	15mm	\	21.97	22.9	0.157	**0.19**	0.096	**0.12**	-0.14
1	DSI3	Body	WCDMA1900	9538	1907.6	RMC	Rear	15mm	A.16	21.95	22.9	0.214	**0.27**	0.126	**0.16**	0.02
1	DSI3	Body	WCDMA1900	9400	1880	RMC	Rear	15mm	\	21.97	22.9	0.194	**0.24**	0.117	**0.14**	-0.07
1	DSI3	Body	WCDMA1900	9262	1852.4	RMC	Rear	15mm	\	21.98	22.9	0.158	**0.20**	0.095	**0.12**	-0.16
1	DSI3	Body	WCDMA1900	9538	1907.6	RMC	Rear	15mm	S	21.95	22.9	0.209	**0.26**	0.125	**0.16**	0.14
1	DSI3	Body	WCDMA1900	9538	1907.6	RMC	Rear	15mm	B	21.95	22.9	0.189	**0.24**	0.112	**0.14**	0.07
1	DSI3	Body	WCDMA1700	1413	1732.6	RMC	Front	15mm	\	22.42	23.2	0.141	**0.17**	0.083	**0.10**	0.03
1	DSI3	Body	WCDMA1700	1513	1752.6	RMC	Rear	15mm	A.17	22.48	23.2	0.2	**0.24**	0.123	**0.15**	0.01
1	DSI3	Body	WCDMA1700	1413	1732.6	RMC	Rear	15mm	\	22.42	23.2	0.186	**0.22**	0.119	**0.14**	0.03
1	DSI3	Body	WCDMA1700	1312	1712.4	RMC	Rear	15mm	\	22.50	23.2	0.168	**0.20**	0.107	**0.13**	-0.10
1	DSI3	Body	WCDMA1700	1513	1752.6	RMC	Rear	15mm	S	22.48	23.2	0.179	**0.21**	0.114	**0.13**	0.07
1	DSI3	Body	WCDMA1700	1513	1752.6	RMC	Rear	15mm	B	22.48	23.2	0.164	**0.19**	0.104	**0.12**	-0.09
0	DSI3	Body	WCDMA 850	4183	836.6	RMC	Front	15mm	\	24.57	25.5	0.193	**0.24**	0.132	**0.16**	0.07
0	DSI3	Body	WCDMA 850	4233	846.6	RMC	Rear	15mm	A.18	24.47	25.5	0.231	**0.29**	0.167	**0.21**	-0.13
0	DSI3	Body	WCDMA 850	4183	836.6	RMC	Rear	15mm	\	24.57	25.5	0.217	**0.27**	0.157	**0.19**	0.07
0	DSI3	Body	WCDMA 850	4132	826.4	RMC	Rear	15mm	\	24.52	25.5	0.198	**0.25**	0.143	**0.18**	0.18
0	DSI3	Body	WCDMA 850	4233	846.6	RMC	Rear	15mm	S	24.47	25.5	0.22	**0.28**	0.157	**0.20**	0.05
0	DSI3	Body	WCDMA 850	4233	846.6	RMC	Rear	15mm	B	24.47	25.5	0.211	**0.27**	0.146	**0.19**	0.07
1	DSI3	Body	LTE Band2	18900	1880	1RB-High	Front	15mm	\	22.35	23.2	0.158	**0.19**	0.093	**0.11**	-0.12
1	DSI3	Body	LTE Band2	18900	1880	1RB-High	Rear	15mm	A.19	22.35	23.2	0.2	**0.24**	0.117	**0.14**	-0.05
1	DSI3	Body	LTE Band2	18900	1880	50RB-High	Front	15mm	\	22.33	23.2	0.15	**0.18**	0.089	**0.11**	-0.17
1	DSI3	Body	LTE Band2	18900	1880	50RB-High	Rear	15mm	\	22.33	23.2	0.187	**0.23**	0.11	**0.13**	0.03
1	DSI3	Body	LTE Band2	18900	1880	1RB-High	Rear	15mm	S	22.35	23.2	0.184	**0.22**	0.101	**0.12**	0.05
1	DSI3	Body	LTE Band2	18900	1880	1RB-High	Rear	15mm	B	22.35	23.2	0.167	**0.20**	0.088	**0.11**	0.13
1	DSI3	Body	LTE Band4	20300	1745	1RB-High	Front	15mm	\	22.96	23.7	0.206	**0.24**	0.14	**0.17**	-0.18
1	DSI3	Body	LTE Band4	20300	1745	1RB-High	Rear	15mm	A.20	22.96	23.7	0.251	**0.30**	0.159	**0.19**	0.06
1	DSI3	Body	LTE Band4	20300	1745	50RB-High	Front	15mm	\	22.91	23.7	0.207	**0.25**	0.132	**0.16**	0.07
1	DSI3	Body	LTE Band4	20300	1745	50RB-High	Rear	15mm	\	22.91	23.7	0.247	**0.30**	0.158	**0.19**	-0.02
1	DSI3	Body	LTE Band4	20300	1745	1RB-High	Rear	15mm	S	22.96	23.7	0.244	**0.29**	0.152	**0.18**	0.06
1	DSI3	Body	LTE Band4	20300	1745	1RB-High	Rear	15mm	B	22.96	23.7	0.227	**0.27**	0.139	**0.16**	-0.08
3	DSI3	Body	LTE Band7	21350	2560	1RB-Low	Front	15mm	\	21.91	22.6	0.065	**0.08**	0.029	**0.03**	0.13
3	DSI3	Body	LTE Band7	21350	2560	1RB-Low	Rear	15mm	\	21.91	22.6	0.097	**0.11**	0.046	**0.05**	-0.11
3	DSI3	Body	LTE Band7	21350	2560	50RB-High	Front	15mm	\	21.99	22.6	0.061	**0.07**	0.027	**0.03**	0.10
3	DSI3	Body	LTE Band7	21350	2560	50RB-High	Rear	15mm	A.21	21.99	22.6	0.099	**0.11**	0.047	**0.05**	0.04
3	DSI3	Body	LTE Band7	21350	2560	50RB-High	Rear	15mm	S	21.99	22.6	0.087	**0.10**	0.042	**0.05**	0.15
3	DSI3	Body	LTE Band7	21350	2560	50RB-High	Rear	15mm	B	21.99	22.6	0.069	**0.08**	0.03	**0.03**	0.07
3	DSI3	Body	LTE Band7	20825	2507.5	1RB-High	Rear	15mm	UL CA	21.24	22.6	0.079	**0.11**	0.035	**0.05**	0.14
0	DSI3	Body	LTE Band12	23130	711	1RB-High	Front	15mm	\	24.47	25	0.092	**0.10**	0.066	**0.07**	-0.07
0	DSI3	Body	LTE Band12	23130	711	1RB-High	Rear	15mm	A.22	24.47	25	0.123	**0.14**	0.091	**0.10**	0.06
0	DSI3	Body	LTE Band12	23130	711	25RB-Middle	Front	15mm	\	23.62	24	0.068	**0.07**	0.049	**0.05**	0.13
0	DSI3	Body	LTE Band12	23130	711	25RB-Middle	Rear	15mm	\	23.62	24	0.097	**0.11**	0.071	**0.08**	-0.14
0	DSI3	Body	LTE Band12	23130	711	1RB-High	Rear	15mm	S	24.47	25	0.118	**0.13**	0.087	**0.10**	0.06
0	DSI3	Body	LTE Band12	23130	711	1RB-High	Rear	15mm	B	24.47	25	0.102	**0.12**	0.073	**0.08**	0.05
0	DSI3	Body	LTE Band26	26775	822.5	1RB-Low	Front	15mm	\	23.96	25.5	0.139	**0.20**	0.099	**0.14**	0.00
0	DSI3	Body	LTE Band26	26775	822.5	1RB-Low	Rear	15mm	A.23	23.96	25.5	0.154	**0.22**	0.111	**0.16**	0.07
0	DSI3	Body	LTE Band26	26775	822.5	36RB-Low	Front	15mm	\	23.01	24.5	0.122	**0.17**	0.086	**0.12**	0.12
0	DSI3	Body	LTE Band26	26775	822.5	36RB-Low	Rear	15mm	\	23.01	24.5	0.133	**0.19**	0.097	**0.14**	-0.12
0	DSI3	Body	LTE Band26	26775	822.5	1RB-Low	Rear	15mm	S	23.96	25.5	0.15	**0.21**	0.108	**0.15**	0.08
0	DSI3	Body	LTE Band26	26775	822.5	1RB-Low	Rear	15mm	B	23.96	25.5	0.138	**0.20**	0.087	**0.12**	-0.07
1	DSI3	Body	LTE Band38	38000	2595	1RB-Middle	Front	15mm	\	23.83	24.8	0.106	**0.13**	0.056	**0.07**	0.05
1	DSI3	Body	LTE Band38	38000	2595	1RB-Middle	Rear	15mm	A.24	23.83	24.8	0.13	**0.16**	0.068	**0.08**	0.02
1	DSI3	Body	LTE Band38	38150	2610	50RB-Middle	Front	15mm	\	23.62	24.8	0.104	**0.14**	0.054	**0.07**	0.04
1	DSI3	Body	LTE Band38	38150	2610	50RB-Middle	Rear	15mm	\	23.62	24.8	0.122	**0.16**	0.062	**0.08**	-0.03
1	DSI3	Body	LTE Band38	38000	2595	1RB-Middle	Rear	15mm	S	23.83	24.8	0.114	**0.14**	0.052	**0.06**	-0.08
1	DSI3	Body	LTE Band38	38000	2595	1RB-Middle	Rear	15mm	B	23.83	24.8	0.103	**0.13**	0.045	**0.06**	0.13
1	DSI3	Body	LTE Band38	38150	2610	1RB-Low	Rear	15mm	UL CA	23.34	24.8	0.116	**0.16**	0.06	**0.08**	0.14
1	DSI3	Body	LTE Band41	41055	2636.5	1RB-Middle	Front	15mm	\	23.56	24.4	0.075	**0.09**	0.039	**0.05**	0.02
1	DSI3	Body	LTE Band41	41055	2636.5	1RB-Middle	Rear	15mm	A.25	23.56	24.4	0.099	**0.12**	0.051	**0.06**	-0.11
1	DSI3	Body	LTE Band41	41055	2636.5	50RB-Middle	Front	15mm	\	23.54	24.4	0.077	**0.09**	0.04	**0.05**	0.02
1	DSI3	Body	LTE Band41	41055	2636.5	50RB-Middle	Rear	15mm	\	23.54	24.4	0.098	**0.12**	0.051	**0.06**	0.08
1	DSI3	Body	LTE Band41	41055	2636.5	1RB-Middle	Rear	15mm	S	23.56	24.4	0.096	**0.12**	0.047	**0.06**	0.12
1	DSI3	Body	LTE Band41	41055	2636.5	1RB-Middle	Rear	15mm	B	23.56	24.4	0.081	**0.10**	0.042	**0.05**	0.05
1	DSI3	Body	LTE Band41	41490	2680	1RB-Low	Rear	15mm	UL CA	23.17	24.4	0.086	**0.11**	0.044	**0.06**	0.07
1	DSI3	Body	LTE Band66	132322	1745	1RB-Middle	Front	15mm	\	22.82	23.5	0.191	**0.22**	0.117	**0.14**	0.06
1	DSI3	Body	LTE Band66	132322	1745	1RB-Middle	Rear	15mm	\	22.82	23.5	0.245	**0.29**	0.152	**0.18**	0.05
1	DSI3	Body	LTE Band66	132322	1745	50RB-High	Front	15mm	\	22.68	23.5	0.189	**0.23**	0.116	**0.14**	-0.17
1	DSI3	Body	LTE Band66	132322	1745	50RB-High	Rear	15mm	A.26	22.68	23.5	0.247	**0.30**	0.153	**0.18**	0.13
1	DSI3	Body	LTE Band66	132322	1745	50RB-High	Rear	15mm	S	22.68	23.5	0.224	**0.27**	0.138	**0.17**	-0.13
1	DSI3	Body	LTE Band66	132322	1745	50RB-High	Rear	15mm	B	22.68	23.5	0.208	**0.25**	0.121	**0.15**	0.03

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DSI5 (Head)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
0	DSI5	Head	GSM850	251	848.8	GSM	Cheek Left	0mm	\	27.73	29.2	0.065	**0.09**	0.040	**0.06**	0.07
0	DSI5	Head	GSM850	190	836.6	GSM	Cheek Left	0mm	A.27	27.81	29.2	0.067	**0.09**	0.042	**0.06**	-0.08
0	DSI5	Head	GSM850	128	824.2	GSM	Cheek Left	0mm	\	27.72	29.2	0.058	**0.08**	0.037	**0.05**	0.03
0	DSI5	Head	GSM850	190	836.6	GSM	Tilt Left	0mm	\	27.81	29.2	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	GSM850	190	836.6	GSM	Cheek Right	0mm	\	27.81	29.2	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	GSM850	190	836.6	GSM	Tilt Right	0mm	\	27.81	29.2	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	GSM850	190	836.6	GSM	Cheek Left	0mm	S	27.81	29.2	0.064	**0.09**	0.038	**0.05**	0.05
0	DSI5	Head	GSM850	190	836.6	GSM	Cheek Left	0mm	B	27.81	29.2	0.052	**0.07**	0.030	**0.04**	-0.16
1	DSI5	Head	GSM1900	810	1909.8	GSM	Cheek Left	0mm	A.28	24.66	26.2	0.026	**0.04**	0.013	**0.02**	0.19
1	DSI5	Head	GSM1900	661	1880	GSM	Cheek Left	0mm	\	24.88	26.2	0.024	**0.03**	0.011	**0.01**	0.00
1	DSI5	Head	GSM1900	512	1850.2	GSM	Cheek Left	0mm	\	24.76	26.2	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	GSM1900	661	1880	GSM	Tilt Left	0mm	\	24.88	26.2	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	GSM1900	661	1880	GSM	Cheek Right	0mm	\	24.88	26.2	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	GSM1900	661	1880	GSM	Tilt Right	0mm	\	24.88	26.2	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	GSM1900	810	1909.8	GSM	Cheek Left	0mm	S	24.66	26.2	0.024	**0.03**	0.010	**0.01**	0.00
1	DSI5	Head	GSM1900	810	1909.8	GSM	Cheek Left	0mm	B	24.66	26.2	0.019	**0.03**	<0.01	**<0.01**	/
1	DSI5	Head	WCDMA1900	9538	1907.6	RMC	Cheek Left	0mm	A.29	19.51	20.5	0.059	**0.07**	0.036	**0.05**	-0.04
1	DSI5	Head	WCDMA1900	9400	1880	RMC	Cheek Left	0mm	\	19.55	20.5	0.047	**0.06**	0.030	**0.04**	-0.15
1	DSI5	Head	WCDMA1900	9262	1852.4	RMC	Cheek Left	0mm	\	19.62	20.5	0.039	**0.05**	0.025	**0.03**	0.01
1	DSI5	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	\	19.55	20.5	0.043	**0.05**	0.025	**0.03**	0.10
1	DSI5	Head	WCDMA1900	9400	1880	RMC	Cheek Right	0mm	\	19.55	20.5	0.028	**0.03**	0.017	**0.02**	0.00
1	DSI5	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	\	19.55	20.5	0.036	**0.04**	0.020	**0.02**	0.00
1	DSI5	Head	WCDMA1900	9538	1907.6	RMC	Cheek Left	0mm	S	19.51	20.5	0.056	**0.07**	0.034	**0.04**	0.03
1	DSI5	Head	WCDMA1900	9538	1907.6	RMC	Cheek Left	0mm	B	19.51	20.5	0.041	**0.05**	0.025	**0.03**	0.07
1	DSI5	Head	WCDMA1700	1413	1732.6	RMC	Cheek Left	0mm	\	19.77	20.5	0.043	**0.05**	0.018	**0.02**	0.00
1	DSI5	Head	WCDMA1700	1413	1732.6	RMC	Tilt Left	0mm	\	19.77	20.5	0.040	**0.05**	0.021	**0.02**	0.00
1	DSI5	Head	WCDMA1700	1513	1752.6	RMC	Cheek Right	0mm	A.30	19.75	20.5	0.059	**0.07**	0.036	**0.04**	0.02
1	DSI5	Head	WCDMA1700	1413	1732.6	RMC	Cheek Right	0mm	\	19.77	20.5	0.058	**0.07**	0.036	**0.04**	-0.09
1	DSI5	Head	WCDMA1700	1312	1712.4	RMC	Cheek Right	0mm	\	19.77	20.5	0.050	**0.06**	0.031	**0.04**	0.11
1	DSI5	Head	WCDMA1700	1413	1732.6	RMC	Tilt Right	0mm	\	19.77	20.5	0.042	**0.05**	0.024	**0.03**	0.05
1	DSI5	Head	WCDMA1700	1513	1752.6	RMC	Cheek Right	0mm	S	19.75	20.5	0.054	**0.06**	0.031	**0.04**	0.04
1	DSI5	Head	WCDMA1700	1513	1752.6	RMC	Cheek Right	0mm	B	19.75	20.5	0.038	**0.05**	0.022	**0.03**	0.08
0	DSI5	Head	WCDMA 850	4233	846.6	RMC	Cheek Left	0mm	A.31	20.75	21.5	0.066	**0.08**	0.049	**0.06**	-0.03
0	DSI5	Head	WCDMA 850	4183	836.6	RMC	Cheek Left	0mm	\	20.84	21.5	0.063	**0.07**	0.046	**0.05**	0.02
0	DSI5	Head	WCDMA 850	4132	826.4	RMC	Cheek Left	0mm	\	20.72	21.5	0.055	**0.07**	0.041	**0.05**	0.13
0	DSI5	Head	WCDMA 850	4183	836.6	RMC	Tilt Left	0mm	\	20.84	21.5	0.037	**0.04**	0.019	**0.02**	0.00
0	DSI5	Head	WCDMA 850	4183	836.6	RMC	Cheek Right	0mm	\	20.84	21.5	0.047	**0.05**	0.037	**0.04**	0.07
0	DSI5	Head	WCDMA 850	4183	836.6	RMC	Tilt Right	0mm	\	20.84	21.5	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	WCDMA 850	4233	846.6	RMC	Cheek Left	0mm	S	20.75	21.5	0.064	**0.08**	0.046	**0.05**	-0.12
0	DSI5	Head	WCDMA 850	4233	846.6	RMC	Cheek Left	0mm	B	20.75	21.5	0.049	**0.06**	0.040	**0.05**	0.07
1	DSI5	Head	LTE Band2	18700	1860	1RB-Low	Cheek Left	0mm	\	19.14	20	0.032	**0.04**	0.019	**0.02**	0.00
1	DSI5	Head	LTE Band2	18700	1860	1RB-Low	Tilt Left	0mm	\	19.14	20	0.031	**0.04**	0.018	**0.02**	0.00
1	DSI5	Head	LTE Band2	18700	1860	1RB-Low	Cheek Right	0mm	\	19.14	20	0.023	**0.03**	0.013	**0.02**	0.00
1	DSI5	Head	LTE Band2	18700	1860	1RB-Low	Tilt Right	0mm	\	19.14	20	0.023	**0.03**	0.014	**0.02**	0.00
1	DSI5	Head	LTE Band2	18700	1860	50RB-High	Cheek Left	0mm	A.32	19.24	20	0.035	**0.04**	0.021	**0.03**	0.12
1	DSI5	Head	LTE Band2	18700	1860	50RB-High	Tilt Left	0mm	\	19.24	20	0.033	**0.04**	0.019	**0.02**	0.00
1	DSI5	Head	LTE Band2	18700	1860	50RB-High	Cheek Right	0mm	\	19.24	20	0.022	**0.03**	0.013	**0.02**	0.00
1	DSI5	Head	LTE Band2	18700	1860	50RB-High	Tilt Right	0mm	\	19.24	20	0.022	**0.03**	0.012	**0.01**	0.00
1	DSI5	Head	LTE Band2	18700	1860	50RB-High	Cheek Left	0mm	S	19.24	20	0.031	**0.04**	0.019	**0.02**	0.00
1	DSI5	Head	LTE Band2	18700	1860	50RB-High	Cheek Left	0mm	B	19.24	20	0.024	**0.03**	0.014	**0.02**	0.00
1	DSI5	Head	LTE Band4	20175	1732.5	1RB-High	Cheek Left	0mm	\	19.76	20.5	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band4	20175	1732.5	1RB-High	Tilt Left	0mm	\	19.76	20.5	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band4	20175	1732.5	1RB-High	Cheek Right	0mm	\	19.76	20.5	0.049	**0.06**	0.030	**0.04**	-0.14
1	DSI5	Head	LTE Band4	20175	1732.5	1RB-High	Tilt Right	0mm	\	19.76	20.5	0.041	**0.05**	0.024	**0.03**	-0.18
1	DSI5	Head	LTE Band4	20175	1732.5	50RB-High	Cheek Left	0mm	\	19.84	20.5	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band4	20175	1732.5	50RB-High	Tilt Left	0mm	\	19.84	20.5	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band4	20175	1732.5	50RB-High	Cheek Right	0mm	A.33	19.84	20.5	0.051	**0.06**	0.031	**0.04**	0.16
1	DSI5	Head	LTE Band4	20175	1732.5	50RB-High	Tilt Right	0mm	\	19.84	20.5	0.036	**0.04**	0.022	**0.03**	0.05
1	DSI5	Head	LTE Band4	20175	1732.5	50RB-High	Cheek Right	0mm	S	19.84	20.5	0.050	**0.06**	0.029	**0.03**	0.06
1	DSI5	Head	LTE Band4	20175	1732.5	50RB-High	Cheek Right	0mm	B	19.84	20.5	0.042	**0.05**	0.023	**0.03**	-0.10

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ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
3	DSI5	Head	LTE Band7	21100	2535	1RB-Low	Cheek Left	0mm	\	17.59	18.2	0.085	**0.10**	0.033	**0.04**	-0.15
3	DSI5	Head	LTE Band7	21100	2535	1RB-Low	Tilt Left	0mm	\	17.59	18.2	0.034	**0.04**	0.015	**0.02**	0.00
3	DSI5	Head	LTE Band7	21100	2535	1RB-Low	Cheek Right	0mm	A.34	17.59	18.2	0.256	**0.29**	0.105	**0.12**	0.06
3	DSI5	Head	LTE Band7	21100	2535	1RB-Low	Tilt Right	0mm	\	17.59	18.2	0.103	**0.12**	0.039	**0.04**	0.01
3	DSI5	Head	LTE Band7	21100	2535	50RB-High	Cheek Left	0mm	\	17.65	18.2	0.064	**0.07**	0.03	**0.03**	0.06
3	DSI5	Head	LTE Band7	21100	2535	50RB-High	Tilt Left	0mm	\	17.65	18.2	<0.01	**<0.01**	<0.01	**<0.01**	/
3	DSI5	Head	LTE Band7	21100	2535	50RB-High	Cheek Right	0mm	\	17.65	18.2	0.236	**0.27**	0.096	**0.11**	0.12
3	DSI5	Head	LTE Band7	21100	2535	50RB-High	Tilt Right	0mm	\	17.65	18.2	0.09	**0.10**	0.034	**0.04**	0.05
3	DSI5	Head	LTE Band7	21100	2535	1RB-Low	Cheek Right	0mm	S	17.59	18.2	0.238	**0.27**	0.097	**0.11**	0.15
3	DSI5	Head	LTE Band7	21100	2535	1RB-Low	Cheek Right	0mm	B	17.59	18.2	0.216	**0.25**	0.081	**0.09**	-0.15
3	DSI5	Head	LTE Band7	20850	2510	1RB-High	Cheek Right	0mm	UL CA	17.36	18.2	0.236	**0.29**	0.097	**0.12**	0.12
0	DSI5	Head	LTE Band12	23060	704	1RB-Middle	Cheek Left	0mm	A.35	20.42	21	0.029	**0.03**	0.021	**0.02**	0.00
0	DSI5	Head	LTE Band12	23060	704	1RB-Middle	Tilt Left	0mm	\	20.42	21	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	LTE Band12	23060	704	1RB-Middle	Cheek Right	0mm	\	20.42	21	0.028	**0.03**	0.021	**0.02**	0.00
0	DSI5	Head	LTE Band12	23060	704	1RB-Middle	Tilt Right	0mm	\	20.42	21	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	LTE Band12	23060	704	25RB-Middle	Cheek Left	0mm	\	20.43	21	0.026	**0.03**	0.018	**0.02**	0.00
0	DSI5	Head	LTE Band12	23060	704	25RB-Middle	Tilt Left	0mm	\	20.43	21	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	LTE Band12	23060	704	25RB-Middle	Cheek Right	0mm	\	20.43	21	0.024	**0.03**	0.017	**0.02**	0.00
0	DSI5	Head	LTE Band12	23060	704	25RB-Middle	Tilt Right	0mm	\	20.43	21	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	LTE Band12	23060	704	1RB-Middle	Cheek Left	0mm	S	20.42	21	0.025	**0.03**	0.017	**0.02**	0.00
0	DSI5	Head	LTE Band12	23060	704	1RB-Middle	Cheek Left	0mm	B	20.42	21	0.019	**0.02**	0.010	**0.01**	0.00
0	DSI5	Head	LTE Band26	26775	822.5	1RB-Low	Cheek Left	0mm	\	20.75	21.5	0.034	**0.04**	0.026	**0.03**	0.16
0	DSI5	Head	LTE Band26	26775	822.5	1RB-Low	Tilt Left	0mm	\	20.75	21.5	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	LTE Band26	26775	822.5	1RB-Low	Cheek Right	0mm	\	20.75	21.5	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	LTE Band26	26775	822.5	1RB-Low	Tilt Right	0mm	\	20.75	21.5	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Left	0mm	A.36	20.85	21.5	0.039	**0.05**	0.029	**0.03**	-0.18
0	DSI5	Head	LTE Band26	26775	822.5	36RB-Low	Tilt Left	0mm	\	20.85	21.5	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Right	0mm	\	20.85	21.5	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	LTE Band26	26775	822.5	36RB-Low	Tilt Right	0mm	\	20.85	21.5	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI5	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Left	0mm	S	20.85	21.5	0.033	**0.04**	0.024	**0.03**	0.14
0	DSI5	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Left	0mm	B	20.85	21.5	0.024	**0.03**	0.016	**0.02**	0.18
1	DSI5	Head	LTE Band38	38000	2595	1RB-Low	Cheek Left	0mm	\	20.13	20.8	0.018	**0.02**	0.005	**0.01**	-0.13
1	DSI5	Head	LTE Band38	38000	2595	1RB-Low	Tilt Left	0mm	\	20.13	20.8	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band38	38000	2595	1RB-Low	Cheek Right	0mm	A.37	20.13	20.8	0.025	**0.03**	0.011	**0.01**	-0.06
1	DSI5	Head	LTE Band38	38000	2595	1RB-Low	Tilt Right	0mm	\	20.13	20.8	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band38	38000	2595	50RB-Middle	Cheek Left	0mm	\	20.07	20.8	0.017	**0.02**	0.004	**0.00**	/
1	DSI5	Head	LTE Band38	38000	2595	50RB-Middle	Tilt Left	0mm	\	20.07	20.8	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band38	38000	2595	50RB-Middle	Cheek Right	0mm	\	20.07	20.8	0.024	**0.03**	0.010	**0.01**	-0.06
1	DSI5	Head	LTE Band38	38000	2595	50RB-Middle	Tilt Right	0mm	\	20.07	20.8	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band38	38000	2595	1RB-Low	Cheek Right	0mm	S	20.13	20.8	0.020	**0.02**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band38	38000	2595	1RB-Low	Cheek Right	0mm	B	20.13	20.8	0.016	**0.02**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band38	38150	2610	1RB-Low	Cheek Right	0mm	UL CA	19.36	20.8	0.018	**0.03**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band41	41490	2680	1RB-Middle	Cheek Left	0mm	A.38	19.87	20.6	0.016	**0.02**	<0.01	**<0.01**	0.03
1	DSI5	Head	LTE Band41	41490	2680	1RB-Middle	Tilt Left	0mm	\	19.87	20.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band41	41490	2680	1RB-Middle	Cheek Right	0mm	\	19.87	20.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band41	41490	2680	1RB-Middle	Tilt Right	0mm	\	19.87	20.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band41	41490	2680	50RB-Middle	Cheek Left	0mm	\	19.89	20.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band41	41490	2680	50RB-Middle	Tilt Left	0mm	\	19.89	20.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band41	41490	2680	50RB-Middle	Cheek Right	0mm	\	19.89	20.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band41	41490	2680	50RB-Middle	Tilt Right	0mm	\	19.89	20.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band41	41490	2680	1RB-Middle	Cheek Left	0mm	S	19.87	20.6	0.013	**0.02**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band41	41490	2680	1RB-Middle	Cheek Left	0mm	B	19.87	20.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band41	41490	2680	1RB-Low	Cheek Left	0mm	UL CA	19.41	20.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band66	132572	1770	1RB-High	Cheek Left	0mm	\	19.78	20.5	0.045	**0.05**	0.026	**0.03**	0.04
1	DSI5	Head	LTE Band66	132572	1770	1RB-High	Tilt Left	0mm	\	19.78	20.5	0.048	**0.06**	0.025	**0.03**	0.14
1	DSI5	Head	LTE Band66	132572	1770	1RB-High	Cheek Right	0mm	\	19.78	20.5	0.052	**0.06**	0.032	**0.04**	-0.08
1	DSI5	Head	LTE Band66	132572	1770	1RB-High	Tilt Right	0mm	\	19.78	20.5	0.036	**0.04**	0.022	**0.03**	-0.12
1	DSI5	Head	LTE Band66	132572	1770	50RB-High	Cheek Left	0mm	A.39	19.90	20.5	0.055	**0.06**	0.034	**0.04**	0.06
1	DSI5	Head	LTE Band66	132572	1770	50RB-High	Tilt Left	0mm	\	19.90	20.5	0.053	**0.06**	0.030	**0.03**	0.08
1	DSI5	Head	LTE Band66	132572	1770	50RB-High	Cheek Right	0mm	\	19.90	20.5	0.054	**0.06**	0.033	**0.04**	0.07
1	DSI5	Head	LTE Band66	132572	1770	50RB-High	Tilt Right	0mm	\	19.90	20.5	0.038	**0.04**	0.023	**0.03**	0.04
1	DSI5	Head	LTE Band66	132572	1770	50RB-High	Cheek Left	0mm	S	19.90	20.5	0.049	**0.06**	0.029	**0.03**	0.16
1	DSI5	Head	LTE Band66	132572	1770	50RB-High	Cheek Left	0mm	B	19.90	20.5	0.041	**0.05**	0.024	**0.03**	-0.10

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DSI9 (Body worn)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
0	DSI9	Body	GSM850	190	836.6	GPRS(1TX)	Front	15mm	\	30.01	31.2	0.071	**0.09**	0.050	**0.07**	0.14
0	DSI9	Body	GSM850	251	848.8	GPRS(1TX)	Rear	15mm	A.40	29.71	31.2	0.087	**0.12**	0.063	**0.09**	0.11
0	DSI9	Body	GSM850	190	836.6	GPRS(1TX)	Rear	15mm	\	30.01	31.2	0.073	**0.10**	0.054	**0.07**	-0.15
0	DSI9	Body	GSM850	128	824.2	GPRS(1TX)	Rear	15mm	\	29.95	31.2	0.076	**0.10**	0.056	**0.07**	0.12
0	DSI9	Body	GSM850	251	848.8	EGPRS(1TX)	Rear	15mm	\	29.50	31.2	0.082	**0.12**	0.060	**0.09**	0.03
0	DSI9	Body	GSM850	251	848.8	GPRS(1TX)	Rear	15mm	S	29.71	31.2	0.085	**0.12**	0.062	**0.09**	0.04
0	DSI9	Body	GSM850	251	848.8	GPRS(1TX)	Rear	15mm	B	29.71	31.2	0.068	**0.10**	0.049	**0.07**	0.15
1	DSI9	Body	GSM1900	661	1880	GPRS(4TX)	Front	15mm	\	20.38	22.2	0.041	**0.06**	0.023	**0.03**	-0.07
1	DSI9	Body	GSM1900	810	1909.8	GPRS(4TX)	Rear	15mm	A.41	20.32	22.2	0.066	**0.10**	0.036	**0.06**	-0.08
1	DSI9	Body	GSM1900	661	1880	GPRS(4TX)	Rear	15mm	\	20.38	22.2	0.059	**0.09**	0.031	**0.05**	-0.03
1	DSI9	Body	GSM1900	512	1850.2	GPRS(4TX)	Rear	15mm	\	20.23	22.2	0.046	**0.07**	0.026	**0.04**	0.18
1	DSI9	Body	GSM1900	810	1909.8	EGPRS(4TX)	Rear	15mm	\	20.24	22.2	0.063	**0.10**	0.034	**0.05**	-0.12
1	DSI9	Body	GSM1900	810	1909.8	GPRS(4TX)	Rear	15mm	S	20.32	22.2	0.059	**0.09**	0.031	**0.05**	0.06
1	DSI9	Body	GSM1900	810	1909.8	GPRS(4TX)	Rear	15mm	B	20.32	22.2	0.042	**0.06**	0.023	**0.04**	-0.15
1	DSI9	Body	WCDMA1900	9400	1880	RMC	Front	15mm	\	20.10	20.9	0.121	**0.15**	0.073	**0.09**	0.13
1	DSI9	Body	WCDMA1900	9538	1907.6	RMC	Rear	15mm	A.42	20.03	20.9	0.153	**0.19**	0.088	**0.11**	0.04
1	DSI9	Body	WCDMA1900	9400	1880	RMC	Rear	15mm	\	20.10	20.9	0.138	**0.17**	0.080	**0.10**	0.14
1	DSI9	Body	WCDMA1900	9262	1852.4	RMC	Rear	15mm	\	20.16	20.9	0.112	**0.13**	0.065	**0.08**	-0.17
1	DSI9	Body	WCDMA1900	9538	1907.6	RMC	Rear	15mm	S	20.03	20.9	0.126	**0.15**	0.075	**0.09**	0.08
1	DSI9	Body	WCDMA1900	9538	1907.6	RMC	Rear	15mm	B	20.03	20.9	0.114	**0.14**	0.065	**0.08**	-0.13
1	DSI9	Body	WCDMA1700	1413	1732.6	RMC	Front	15mm	\	20.55	21.2	0.133	**0.15**	0.075	**0.09**	-0.17
1	DSI9	Body	WCDMA1700	1513	1752.6	RMC	Rear	15mm	A.43	20.56	21.2	0.138	**0.16**	0.082	**0.10**	0.16
1	DSI9	Body	WCDMA1700	1413	1732.6	RMC	Rear	15mm	\	20.55	21.2	0.135	**0.16**	0.080	**0.09**	-0.09
1	DSI9	Body	WCDMA1700	1312	1712.4	RMC	Rear	15mm	\	20.53	21.2	0.124	**0.14**	0.074	**0.09**	-0.14
1	DSI9	Body	WCDMA1700	1513	1752.6	RMC	Rear	15mm	S	20.56	21.2	0.134	**0.16**	0.080	**0.09**	0.04
1	DSI9	Body	WCDMA1700	1513	1752.6	RMC	Rear	15mm	B	20.56	21.2	0.121	**0.14**	0.071	**0.08**	-0.18
0	DSI9	Body	WCDMA 850	4183	836.6	RMC	Front	15mm	\	22.91	23.5	0.091	**0.10**	0.063	**0.07**	-0.17
0	DSI9	Body	WCDMA 850	4233	846.6	RMC	Rear	15mm	\	22.81	23.5	0.115	**0.13**	0.080	**0.09**	0.00
0	DSI9	Body	WCDMA 850	4183	836.6	RMC	Rear	15mm	A.44	22.91	23.5	0.118	**0.14**	0.083	**0.10**	-0.02
0	DSI9	Body	WCDMA 850	4132	826.4	RMC	Rear	15mm	\	22.78	23.5	0.106	**0.13**	0.075	**0.09**	-0.03
0	DSI9	Body	WCDMA 850	4183	836.6	RMC	Rear	15mm	S	22.91	23.5	0.109	**0.12**	0.079	**0.09**	0.06
0	DSI9	Body	WCDMA 850	4183	836.6	RMC	Rear	15mm	B	22.91	23.5	0.089	**0.10**	0.062	**0.07**	0.03
1	DSI9	Body	LTE Band2	18700	1860	1RB-High	Front	15mm	\	20.40	21.2	0.103	**0.12**	0.064	**0.08**	0.16
1	DSI9	Body	LTE Band2	18700	1860	1RB-High	Rear	15mm	A.45	20.40	21.2	0.109	**0.13**	0.063	**0.08**	0.05
1	DSI9	Body	LTE Band2	18700	1860	50RB-Middle	Front	15mm	\	20.50	21.2	0.094	**0.11**	0.056	**0.07**	0.03
1	DSI9	Body	LTE Band2	18700	1860	50RB-Middle	Rear	15mm	\	20.50	21.2	0.106	**0.12**	0.061	**0.07**	0.08
1	DSI9	Body	LTE Band2	18700	1860	1RB-High	Rear	15mm	S	20.40	21.2	0.104	**0.13**	0.059	**0.07**	0.15
1	DSI9	Body	LTE Band2	18700	1860	1RB-High	Rear	15mm	B	20.40	21.2	0.091	**0.11**	0.051	**0.06**	-0.17
1	DSI9	Body	LTE Band4	20050	1720	1RB-Low	Front	15mm	\	21.06	21.7	0.092	**0.11**	0.052	**0.06**	0.02
1	DSI9	Body	LTE Band4	20050	1720	1RB-Low	Rear	15mm	A.46	21.06	21.7	0.123	**0.14**	0.073	**0.08**	0.17
1	DSI9	Body	LTE Band4	20050	1720	50RB-High	Front	15mm	\	21.07	21.7	0.093	**0.11**	0.053	**0.06**	-0.13
1	DSI9	Body	LTE Band4	20050	1720	50RB-High	Rear	15mm	\	21.07	21.7	0.120	**0.14**	0.071	**0.08**	-0.11
1	DSI9	Body	LTE Band4	20050	1720	1RB-Low	Rear	15mm	S	21.06	21.7	0.106	**0.12**	0.067	**0.08**	0.15
1	DSI9	Body	LTE Band4	20050	1720	1RB-Low	Rear	15mm	B	21.06	21.7	0.089	**0.10**	0.051	**0.06**	0.17
3	DSI9	Body	LTE Band7	21350	2560	1RB-Low	Front	15mm	\	19.97	20.6	0.04	**0.05**	0.016	**0.02**	0.13
3	DSI9	Body	LTE Band7	21350	2560	1RB-Low	Rear	15mm	\	19.97	20.6	0.056	**0.06**	0.023	**0.03**	-0.13
3	DSI9	Body	LTE Band7	21350	2560	50RB-Middle	Front	15mm	\	20.07	20.6	0.045	**0.05**	0.017	**0.02**	0.12
3	DSI9	Body	LTE Band7	21350	2560	50RB-Middle	Rear	15mm	A.47	20.07	20.6	0.059	**0.07**	0.024	**0.03**	-0.03
3	DSI9	Body	LTE Band7	21350	2560	50RB-Middle	Rear	15mm	S	20.07	20.6	0.054	**0.06**	0.021	**0.02**	0.00
3	DSI9	Body	LTE Band7	21350	2560	50RB-Middle	Rear	15mm	B	20.07	20.6	0.038	**0.04**	0.013	**0.01**	0.00
3	DSI9	Body	LTE Band7	20850	2510	1RB-High	Rear	15mm	UL CA	19.14	20.6	0.046	**0.06**	0.017	**0.02**	0.00
0	DSI9	Body	LTE Band12	23060	704	1RB-Low	Front	15mm	\	22.58	23	0.045	**0.05**	0.034	**0.04**	-0.17
0	DSI9	Body	LTE Band12	23060	704	1RB-Low	Rear	15mm	\	22.58	23	0.063	**0.07**	0.047	**0.05**	0.09
0	DSI9	Body	LTE Band12	23060	704	25RB-Middle	Front	15mm	\	22.52	23	0.045	**0.05**	0.032	**0.04**	-0.02
0	DSI9	Body	LTE Band12	23060	704	25RB-Middle	Rear	15mm	A.48	22.52	23	0.070	**0.08**	0.053	**0.06**	0.07
0	DSI9	Body	LTE Band12	23060	704	25RB-Middle	Rear	15mm	S	22.52	23	0.067	**0.07**	0.052	**0.06**	0.04
0	DSI9	Body	LTE Band12	23060	704	25RB-Middle	Rear	15mm	B	22.52	23	0.051	**0.06**	0.037	**0.04**	-0.18
0	DSI9	Body	LTE Band26	26865	831.5	1RB-Low	Front	15mm	\	22.53	23.5	0.081	**0.10**	0.056	**0.07**	-0.15
0	DSI9	Body	LTE Band26	26865	831.5	1RB-Low	Rear	15mm	\	22.53	23.5	0.089	**0.11**	0.063	**0.08**	-0.01
0	DSI9	Body	LTE Band26	26865	831.5	36RB-Low	Front	15mm	\	22.66	23.5	0.084	**0.10**	0.058	**0.07**	0.08
0	DSI9	Body	LTE Band26	26865	831.5	36RB-Low	Rear	15mm	A.49	22.66	23.5	0.097	**0.12**	0.068	**0.08**	0.04
0	DSI9	Body	LTE Band26	26865	831.5	36RB-Low	Rear	15mm	S	22.66	23.5	0.095	**0.12**	0.065	**0.08**	0.07
0	DSI9	Body	LTE Band26	26865	831.5	36RB-Low	Rear	15mm	B	22.66	23.5	0.084	**0.10**	0.057	**0.07**	0.14
1	DSI9	Body	LTE Band38	37850	2580	1RB-Low	Front	15mm	\	22.26	22.8	0.051	**0.06**	0.026	**0.03**	-0.10
1	DSI9	Body	LTE Band38	37850	2580	1RB-Low	Rear	15mm	A.50	22.26	22.8	0.071	**0.08**	0.036	**0.04**	-0.08
1	DSI9	Body	LTE Band38	37850	2580	50RB-Middle	Front	15mm	\	22.24	22.8	0.051	**0.06**	0.026	**0.03**	0.11
1	DSI9	Body	LTE Band38	37850	2580	50RB-Middle	Rear	15mm	\	22.24	22.8	0.070	**0.08**	0.036	**0.04**	-0.02
1	DSI9	Body	LTE Band38	37850	2580	1RB-Low	Rear	15mm	S	22.26	22.8	0.064	**0.07**	0.031	**0.04**	0.12
1	DSI9	Body	LTE Band38	37850	2580	1RB-Low	Rear	15mm	B	22.26	22.8	0.054	**0.06**	0.027	**0.03**	0.06
1	DSI9	Body	LTE Band38	38150	2610	1RB-Low	Rear	15mm	UL CA	21.70	22.8	0.062	**0.08**	0.030	**0.04**	0.07
1	DSI9	Body	LTE Band41	41490	2680	1RB-Middle	Front	15mm	\	21.73	22.4	0.067	**0.08**	0.032	**0.04**	-0.06
1	DSI9	Body	LTE Band41	41490	2680	1RB-Middle	Rear	15mm	\	21.73	22.4	0.076	**0.09**	0.037	**0.04**	0.18
1	DSI9	Body	LTE Band41	41490	2680	50RB-Middle	Front	15mm	\	21.81	22.4	0.062	**0.07**	0.031	**0.04**	-0.14
1	DSI9	Body	LTE Band41	41490	2680	50RB-Middle	Rear	15mm	A.51	21.81	22.4	0.078	**0.09**	0.038	**0.04**	0.01
1	DSI9	Body	LTE Band41	41490	2680	50RB-Middle	Rear	15mm	S	21.81	22.4	0.075	**0.09**	0.037	**0.04**	0.11
1	DSI9	Body	LTE Band41	41490	2680	50RB-Middle	Rear	15mm	B	21.81	22.4	0.059	**0.07**	0.028	**0.03**	0.17
1	DSI9	Body	LTE Band41	41490	2680	1RB-Low	Rear	15mm	UL CA	21.39	22.4	0.070	**0.09**	0.034	**0.04**	0.03
1	DSI9	Body	LTE Band66	132322	1745	1RB-High	Front	15mm	\	20.89	21.5	0.095	**0.11**	0.059	**0.07**	0.130
1	DSI9	Body	LTE Band66	132322	1745	1RB-High	Rear	15mm	\	20.89	21.5	0.128	**0.15**	0.077	**0.09**	0.160
1	DSI9	Body	LTE Band66	132322	1745	50RB-Middle	Front	15mm	\	20.97	21.5	0.104	**0.12**	0.064	**0.07**	0.040
1	DSI9	Body	LTE Band66	132322	1745	50RB-Middle	Rear	15mm	A.52	20.97	21.5	0.135	**0.15**	0.081	**0.09**	0.070
1	DSI9	Body	LTE Band66	132322	1745	50RB-Middle	Rear	15mm	S	20.97	21.5	0.129	**0.15**	0.079	**0.09**	0.050
1	DSI9	Body	LTE Band66	132322	1745	50RB-Middle	Rear	15mm	B	20.97	21.5	0.106	**0.12**	0.067	**0.08**	-0.170

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DSI13 (Hotspot)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
0	DSI13	Hotspot	GSM850	190	836.6	GPRS(1TX)	Front	10mm	\	27.63	29.2	0.055	**0.08**	0.037	**0.05**	-0.10
0	DSI13	Hotspot	GSM850	251	848.8	GPRS(1TX)	Rear	10mm	A.53	27.65	29.2	0.075	**0.11**	0.051	**0.07**	0.12
0	DSI13	Hotspot	GSM850	190	836.6	GPRS(1TX)	Rear	10mm	\	27.63	29.2	0.07	**0.10**	0.048	**0.07**	-0.05
0	DSI13	Hotspot	GSM850	128	824.2	GPRS(1TX)	Rear	10mm	\	27.49	29.2	0.066	**0.10**	0.046	**0.07**	-0.15
0	DSI13	Hotspot	GSM850	190	836.6	GPRS(1TX)	Left	10mm	\	27.63	29.2	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI13	Hotspot	GSM850	190	836.6	GPRS(1TX)	Right	10mm	\	27.63	29.2	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI13	Hotspot	GSM850	190	836.6	GPRS(1TX)	Bottom	10mm	\	27.63	29.2	0.042	**0.06**	0.026	**0.04**	0.00
0	DSI13	Hotspot	GSM850	251	848.8	EGPRS(1TX)	Rear	10mm	\	27.71	29.2	0.067	**0.09**	0.046	**0.06**	0.04
0	DSI13	Hotspot	GSM850	251	848.8	GPRS(1TX)	Rear	10mm	S	27.65	29.2	0.072	**0.10**	0.049	**0.07**	0.16
0	DSI13	Hotspot	GSM850	251	848.8	GPRS(1TX)	Rear	10mm	B	27.65	29.2	0.064	**0.09**	0.042	**0.06**	0.07
1	DSI13	Hotspot	GSM1900	661	1880	GPRS(4TX)	Front	10mm	\	18.58	20.2	0.04	**0.06**	0.024	**0.03**	-0.16
1	DSI13	Hotspot	GSM1900	661	1880	GPRS(4TX)	Rear	10mm	\	18.58	20.2	0.057	**0.08**	0.034	**0.05**	0.04
1	DSI13	Hotspot	GSM1900	661	1880	GPRS(4TX)	Left	10mm	\	18.58	20.2	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	GSM1900	661	1880	GPRS(4TX)	Right	10mm	\	18.58	20.2	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	GSM1900	810	1909.8	GPRS(4TX)	Bottom	10mm	\	18.64	20.2	0.05	**0.07**	0.026	**0.04**	0.04
1	DSI13	Hotspot	GSM1900	661	1880	GPRS(4TX)	Bottom	10mm	\	18.58	20.2	0.081	**0.12**	0.043	**0.06**	0.19
1	DSI13	Hotspot	GSM1900	512	1850.2	GPRS(4TX)	Bottom	10mm	A.54	18.41	20.2	0.093	**0.14**	0.049	**0.07**	0.01
1	DSI13	Hotspot	GSM1900	512	1850.2	EGPRS(4TX)	Bottom	10mm	\	18.38	20.2	0.075	**0.11**	0.039	**0.06**	-0.08
1	DSI13	Hotspot	GSM1900	512	1850.2	GPRS(4TX)	Bottom	10mm	S	18.41	20.2	0.089	**0.13**	0.045	**0.07**	0.07
1	DSI13	Hotspot	GSM1900	512	1850.2	GPRS(4TX)	Bottom	10mm	B	18.41	20.2	0.081	**0.12**	0.039	**0.06**	-0.16
1	DSI13	Hotspot	WCDMA1900	9400	1880	RMC	Front	10mm	\	19.55	20.5	0.097	**0.12**	0.054	**0.07**	0.15
1	DSI13	Hotspot	WCDMA1900	9400	1880	RMC	Rear	10mm	\	19.55	20.5	0.172	**0.21**	0.103	**0.13**	0.01
1	DSI13	Hotspot	WCDMA1900	9400	1880	RMC	Left	10mm	\	19.55	20.5	0.078	**0.10**	0.041	**0.05**	0.01
1	DSI13	Hotspot	WCDMA1900	9400	1880	RMC	Right	10mm	\	19.55	20.5	0.051	**0.06**	0.031	**0.04**	0.08
1	DSI13	Hotspot	WCDMA1900	9538	1907.6	RMC	Bottom	10mm	A.55	19.51	20.5	0.347	**0.44**	0.192	**0.24**	0.00
1	DSI13	Hotspot	WCDMA1900	9400	1880	RMC	Bottom	10mm	\	19.55	20.5	0.327	**0.41**	0.182	**0.23**	0.10
1	DSI13	Hotspot	WCDMA1900	9262	1852.4	RMC	Bottom	10mm	\	19.62	20.5	0.295	**0.36**	0.165	**0.20**	0.14
1	DSI13	Hotspot	WCDMA1900	9538	1907.6	RMC	Bottom	10mm	S	19.51	20.5	0.346	**0.43**	0.189	**0.24**	-0.03
1	DSI13	Hotspot	WCDMA1900	9538	1907.6	RMC	Bottom	10mm	B	19.51	20.5	0.318	**0.40**	0.174	**0.22**	0.02
1	DSI13	Hotspot	WCDMA1700	1413	1732.6	RMC	Front	10mm	\	19.77	20.5	0.202	**0.24**	0.104	**0.12**	-0.19
1	DSI13	Hotspot	WCDMA1700	1413	1732.6	RMC	Rear	10mm	\	19.77	20.5	0.243	**0.29**	0.137	**0.16**	-0.01
1	DSI13	Hotspot	WCDMA1700	1413	1732.6	RMC	Left	10mm	\	19.77	20.5	0.07	**0.08**	0.039	**0.05**	0.01
1	DSI13	Hotspot	WCDMA1700	1413	1732.6	RMC	Right	10mm	\	19.77	20.5	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	WCDMA1700	1513	1752.6	RMC	Bottom	10mm	A.56	19.75	20.5	0.413	**0.49**	0.231	**0.27**	-0.02
1	DSI13	Hotspot	WCDMA1700	1413	1732.6	RMC	Bottom	10mm	\	19.77	20.5	0.391	**0.46**	0.219	**0.26**	-0.03
1	DSI13	Hotspot	WCDMA1700	1312	1712.4	RMC	Bottom	10mm	\	19.77	20.5	0.357	**0.42**	0.200	**0.24**	0.10
1	DSI13	Hotspot	WCDMA1700	1513	1752.6	RMC	Bottom	10mm	S	19.75	20.5	0.368	**0.44**	0.205	**0.24**	0.02
1	DSI13	Hotspot	WCDMA1700	1513	1752.6	RMC	Bottom	10mm	B	19.75	20.5	0.316	**0.38**	0.176	**0.21**	0.11
0	DSI13	Hotspot	WCDMA 850	4183	836.6	RMC	Front	10mm	\	20.84	21.5	0.122	**0.14**	0.083	**0.10**	-0.18
0	DSI13	Hotspot	WCDMA 850	4233	846.6	RMC	Rear	10mm	\	20.75	21.5	0.128	**0.15**	0.098	**0.12**	0.15
0	DSI13	Hotspot	WCDMA 850	4183	836.6	RMC	Rear	10mm	A.57	20.84	21.5	0.135	**0.16**	0.092	**0.11**	0.05
0	DSI13	Hotspot	WCDMA 850	4132	826.4	RMC	Rear	10mm	\	20.72	21.5	0.118	**0.14**	0.087	**0.10**	-0.10
0	DSI13	Hotspot	WCDMA 850	4183	836.6	RMC	Left	10mm	\	20.84	21.5	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI13	Hotspot	WCDMA 850	4183	836.6	RMC	Right	10mm	\	20.84	21.5	0.051	**0.06**	0.036	**0.04**	0.01
0	DSI13	Hotspot	WCDMA 850	4183	836.6	RMC	Bottom	10mm	\	20.84	21.5	0.103	**0.12**	0.063	**0.07**	-0.07
0	DSI13	Hotspot	WCDMA 850	4183	836.6	RMC	Rear	10mm	S	20.84	21.5	0.132	**0.15**	0.089	**0.10**	0.05
0	DSI13	Hotspot	WCDMA 850	4183	836.6	RMC	Rear	10mm	B	20.84	21.5	0.124	**0.14**	0.076	**0.09**	0.06
1	DSI13	Hotspot	LTE Band2	18700	1860	1RB-Low	Front	10mm	\	19.14	20	0.103	**0.13**	0.064	**0.08**	0.18
1	DSI13	Hotspot	LTE Band2	18700	1860	1RB-Low	Rear	10mm	\	19.14	20	0.149	**0.18**	0.087	**0.11**	0.02
1	DSI13	Hotspot	LTE Band2	18700	1860	1RB-Low	Left	10mm	\	19.14	20	0.057	**0.07**	0.031	**0.04**	0.06
1	DSI13	Hotspot	LTE Band2	18700	1860	1RB-Low	Right	10mm	\	19.14	20	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band2	18700	1860	1RB-Low	Bottom	10mm	\	19.14	20	0.235	**0.29**	0.131	**0.16**	0.15
1	DSI13	Hotspot	LTE Band2	18700	1860	50RB-High	Front	10mm	\	19.24	20	0.114	**0.14**	0.072	**0.09**	0.16
1	DSI13	Hotspot	LTE Band2	18700	1860	50RB-High	Rear	10mm	\	19.24	20	0.161	**0.19**	0.093	**0.11**	0.01
1	DSI13	Hotspot	LTE Band2	18700	1860	50RB-High	Left	10mm	\	19.24	20	0.063	**0.08**	0.035	**0.04**	0.07
1	DSI13	Hotspot	LTE Band2	18700	1860	50RB-High	Right	10mm	\	19.24	20	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band2	18700	1860	50RB-High	Bottom	10mm	A.58	19.24	20	0.252	**0.30**	0.139	**0.17**	-0.06
1	DSI13	Hotspot	LTE Band2	18700	1860	50RB-High	Bottom	10mm	S	19.24	20	0.25	**0.30**	0.136	**0.16**	0.05
1	DSI13	Hotspot	LTE Band2	18700	1860	50RB-High	Bottom	10mm	B	19.24	20	0.233	**0.28**	0.119	**0.14**	-0.08
1	DSI13	Hotspot	LTE Band4	20175	1732.5	1RB-High	Front	10mm	\	19.76	20.5	0.176	**0.21**	0.103	**0.12**	0.09
1	DSI13	Hotspot	LTE Band4	20175	1732.5	1RB-High	Rear	10mm	\	19.76	20.5	0.218	**0.26**	0.13	**0.15**	0.11
1	DSI13	Hotspot	LTE Band4	20175	1732.5	1RB-High	Left	10mm	\	19.76	20.5	0.08	**0.09**	0.044	**0.05**	0.12
1	DSI13	Hotspot	LTE Band4	20175	1732.5	1RB-High	Right	10mm	\	19.76	20.5	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band4	20175	1732.5	1RB-High	Bottom	10mm	A.59	19.76	20.5	0.4	**0.47**	0.225	**0.27**	0.05
1	DSI13	Hotspot	LTE Band4	20175	1732.5	50RB-High	Front	10mm	\	19.84	20.5	0.176	**0.20**	0.105	**0.12**	-0.04
1	DSI13	Hotspot	LTE Band4	20175	1732.5	50RB-High	Rear	10mm	\	19.84	20.5	0.24	**0.28**	0.144	**0.17**	0.15
1	DSI13	Hotspot	LTE Band4	20175	1732.5	50RB-High	Left	10mm	\	19.84	20.5	0.078	**0.09**	0.043	**0.05**	-0.15
1	DSI13	Hotspot	LTE Band4	20175	1732.5	50RB-High	Right	10mm	\	19.84	20.5	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band4	20175	1732.5	50RB-High	Bottom	10mm	\	19.84	20.5	0.393	**0.46**	0.221	**0.26**	-0.04
1	DSI13	Hotspot	LTE Band4	20175	1732.5	1RB-High	Bottom	10mm	S	19.76	20.5	0.338	**0.40**	0.19	**0.23**	-0.13
1	DSI13	Hotspot	LTE Band4	20175	1732.5	1RB-High	Bottom	10mm	B	19.76	20.5	0.328	**0.39**	0.184	**0.22**	0.16

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ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
3	DSI13	Hotspot	LTE Band7	21100	2535	1RB-Low	Front	10mm	\	17.59	18.2	0.05	**0.06**	0.023	**0.03**	-0.19
3	DSI13	Hotspot	LTE Band7	21100	2535	1RB-Low	Rear	10mm	\	17.59	18.2	0.056	**0.06**	0.027	**0.03**	0.11
3	DSI13	Hotspot	LTE Band7	21100	2535	1RB-Low	Left	10mm	\	17.59	18.2	0.148	**0.17**	0.063	**0.07**	-0.07
3	DSI13	Hotspot	LTE Band7	21100	2535	1RB-Low	Right	10mm	\	17.59	18.2	<0.01	**<0.01**	<0.01	**<0.01**	/
3	DSI13	Hotspot	LTE Band7	21100	2535	1RB-Low	Top	10mm	\	17.59	18.2	<0.01	**<0.01**	<0.01	**<0.01**	/
3	DSI13	Hotspot	LTE Band7	21100	2535	50RB-High	Front	10mm	\	17.65	18.2	0.059	**0.07**	0.026	**0.03**	-0.05
3	DSI13	Hotspot	LTE Band7	21100	2535	50RB-High	Rear	10mm	\	17.65	18.2	0.066	**0.07**	0.032	**0.04**	0.00
3	DSI13	Hotspot	LTE Band7	21100	2535	50RB-High	Left	10mm	**A.60**	17.65	18.2	0.16	**0.18**	0.071	**0.08**	-0.07
3	DSI13	Hotspot	LTE Band7	21100	2535	50RB-High	Right	10mm	\	17.65	18.2	<0.01	**<0.01**	<0.01	**<0.01**	/
3	DSI13	Hotspot	LTE Band7	21100	2535	50RB-High	Top	10mm	\	17.65	18.2	<0.01	**<0.01**	<0.01	**<0.01**	/
3	DSI13	Hotspot	LTE Band7	21100	2535	50RB-High	Left	10mm	**S**	17.65	18.2	0.156	**0.18**	0.067	**0.08**	0.05
3	DSI13	Hotspot	LTE Band7	21100	2535	50RB-High	Left	10mm	**B**	17.65	18.2	0.132	**0.15**	0.051	**0.06**	0.12
3	DSI13	Hotspot	LTE Band7	20850	2510	1RB-High	Left	10mm	**UL CA**	17.36	18.2	0.149	**0.18**	0.06	**0.07**	0.06
0	DSI13	Hotspot	LTE Band12	23060	704	1RB-Middle	Front	10mm	\	20.42	21	0.039	**0.04**	0.024	**0.03**	-0.14
0	DSI13	Hotspot	LTE Band12	23060	704	1RB-Middle	Rear	10mm	**A.61**	20.42	21	0.054	**0.06**	0.036	**0.04**	0.08
0	DSI13	Hotspot	LTE Band12	23060	704	1RB-Middle	Left	10mm	\	20.42	21	0.037	**0.04**	0.023	**0.03**	0.06
0	DSI13	Hotspot	LTE Band12	23060	704	1RB-Middle	Right	10mm	\	20.42	21	0.052	**0.06**	0.033	**0.04**	-0.19
0	DSI13	Hotspot	LTE Band12	23060	704	1RB-Middle	Bottom	10mm	\	20.42	21	0.03	**0.03**	0.016	**0.02**	0.00
0	DSI13	Hotspot	LTE Band12	23060	704	25RB-Middle	Front	10mm	\	20.43	21	0.04	**0.05**	0.025	**0.03**	0.15
0	DSI13	Hotspot	LTE Band12	23060	704	25RB-Middle	Rear	10mm	\	20.43	21	0.053	**0.06**	0.034	**0.04**	0.11
0	DSI13	Hotspot	LTE Band12	23060	704	25RB-Middle	Left	10mm	\	20.43	21	0.036	**0.04**	0.023	**0.03**	-0.15
0	DSI13	Hotspot	LTE Band12	23060	704	25RB-Middle	Right	10mm	\	20.43	21	0.043	**0.05**	0.027	**0.03**	-0.18
0	DSI13	Hotspot	LTE Band12	23060	704	25RB-Middle	Bottom	10mm	\	20.43	21	0.025	**0.03**	0.013	**0.01**	0.00
0	DSI13	Hotspot	LTE Band12	23060	704	1RB-Middle	Rear	10mm	**S**	20.42	21	0.052	**0.06**	0.033	**0.04**	0.18
0	DSI13	Hotspot	LTE Band12	23060	704	1RB-Middle	Rear	10mm	**B**	20.42	21	0.046	**0.05**	0.025	**0.03**	0.07
0	DSI13	Hotspot	LTE Band26	26775	822.5	1RB-Low	Front	10mm	\	20.75	21.5	0.083	**0.10**	0.055	**0.07**	-0.14
0	DSI13	Hotspot	LTE Band26	26775	822.5	1RB-Low	Rear	10mm	**A.62**	20.75	21.5	0.095	**0.11**	0.065	**0.08**	-0.01
0	DSI13	Hotspot	LTE Band26	26775	822.5	1RB-Low	Left	10mm	\	20.75	21.5	0.052	**0.06**	0.035	**0.04**	-0.19
0	DSI13	Hotspot	LTE Band26	26775	822.5	1RB-Low	Right	10mm	\	20.75	21.5	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI13	Hotspot	LTE Band26	26775	822.5	1RB-Low	Bottom	10mm	\	20.75	21.5	0.068	**0.08**	0.04	**0.05**	-0.11
0	DSI13	Hotspot	LTE Band26	26775	822.5	36RB-Low	Front	10mm	\	20.85	21.5	0.092	**0.11**	0.061	**0.07**	-0.02
0	DSI13	Hotspot	LTE Band26	26775	822.5	36RB-Low	Rear	10mm	\	20.85	21.5	0.084	**0.10**	0.057	**0.07**	-0.16
0	DSI13	Hotspot	LTE Band26	26775	822.5	36RB-Low	Left	10mm	\	20.85	21.5	0.057	**0.07**	0.038	**0.04**	0.12
0	DSI13	Hotspot	LTE Band26	26775	822.5	36RB-Low	Right	10mm	\	20.85	21.5	<0.01	**<0.01**	<0.01	**<0.01**	/
0	DSI13	Hotspot	LTE Band26	26775	822.5	36RB-Low	Bottom	10mm	\	20.85	21.5	0.076	**0.09**	0.044	**0.05**	-0.03
0	DSI13	Hotspot	LTE Band26	26775	822.5	1RB-Low	Rear	10mm	**S**	20.75	21.5	0.089	**0.11**	0.061	**0.07**	0.06
0	DSI13	Hotspot	LTE Band26	26775	822.5	1RB-Low	Rear	10mm	**B**	20.75	21.5	0.069	**0.08**	0.052	**0.06**	-0.07
1	DSI13	Hotspot	LTE Band38	38000	2595	1RB-Low	Front	10mm	\	20.13	20.8	0.059	**0.07**	0.03	**0.04**	-0.11
1	DSI13	Hotspot	LTE Band38	38000	2595	1RB-Low	Rear	10mm	\	20.13	20.8	0.084	**0.10**	0.042	**0.05**	-0.17
1	DSI13	Hotspot	LTE Band38	38000	2595	1RB-Low	Left	10mm	\	20.13	20.8	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band38	38000	2595	1RB-Low	Right	10mm	\	20.13	20.8	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band38	38000	2595	1RB-Low	Bottom	10mm	**A.63**	20.13	20.8	0.157	**0.18**	0.073	**0.09**	0.10
1	DSI13	Hotspot	LTE Band38	38000	2595	50RB-Middle	Front	10mm	\	20.07	20.8	0.058	**0.07**	0.029	**0.03**	0.08
1	DSI13	Hotspot	LTE Band38	38000	2595	50RB-Middle	Rear	10mm	\	20.07	20.8	0.087	**0.10**	0.043	**0.05**	0.13
1	DSI13	Hotspot	LTE Band38	38000	2595	50RB-Middle	Left	10mm	\	20.07	20.8	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band38	38000	2595	50RB-Middle	Right	10mm	\	20.07	20.8	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band38	38000	2595	50RB-Middle	Bottom	10mm	\	20.07	20.8	0.153	**0.18**	0.072	**0.09**	0.12
1	DSI13	Hotspot	LTE Band38	38000	2595	1RB-Low	Bottom	10mm	**S**	20.13	20.8	0.152	**0.18**	0.068	**0.08**	0.14
1	DSI13	Hotspot	LTE Band38	38000	2595	1RB-Low	Bottom	10mm	**B**	20.13	20.8	0.134	**0.16**	0.052	**0.06**	-0.09
1	DSI13	Hotspot	LTE Band38	38150	2610	1RB-Low	Bottom	10mm	**UL CA**	19.64	20.8	0.139	**0.18**	0.056	**0.07**	0.06
1	DSI13	Hotspot	LTE Band41	41490	2680	1RB-Middle	Front	10mm	\	19.87	20.6	0.085	**0.10**	0.044	**0.05**	0.10
1	DSI13	Hotspot	LTE Band41	41490	2680	1RB-Middle	Rear	10mm	\	19.87	20.6	0.096	**0.11**	0.047	**0.06**	0.14
1	DSI13	Hotspot	LTE Band41	41490	2680	1RB-Middle	Left	10mm	\	19.87	20.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band41	41490	2680	1RB-Middle	Right	10mm	\	19.87	20.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band41	41490	2680	1RB-Middle	Bottom	10mm	**A.64**	19.87	20.6	0.195	**0.23**	0.089	**0.11**	-0.13
1	DSI13	Hotspot	LTE Band41	41490	2680	50RB-Middle	Front	10mm	\	19.89	20.6	0.086	**0.10**	0.044	**0.05**	-0.11
1	DSI13	Hotspot	LTE Band41	41490	2680	50RB-Middle	Rear	10mm	\	19.89	20.6	0.096	**0.11**	0.047	**0.06**	-0.17
1	DSI13	Hotspot	LTE Band41	41490	2680	50RB-Middle	Left	10mm	\	19.89	20.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band41	41490	2680	50RB-Middle	Right	10mm	\	19.89	20.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band41	41490	2680	50RB-Middle	Bottom	10mm	\	19.89	20.6	0.194	**0.23**	0.089	**0.10**	-0.16
1	DSI13	Hotspot	LTE Band41	41490	2680	1RB-Middle	Bottom	10mm	**S**	19.87	20.6	0.187	**0.22**	0.081	**0.10**	-0.09
1	DSI13	Hotspot	LTE Band41	41490	2680	1RB-Middle	Bottom	10mm	**B**	19.87	20.6	0.167	**0.20**	0.072	**0.09**	-0.18
1	DSI13	Hotspot	LTE Band41	41490	2680	1RB-Low	Bottom	10mm	**UL CA**	19.58	20.6	0.182	**0.23**	0.078	**0.10**	0.14
1	DSI13	Hotspot	LTE Band66	132572	1770	1RB-High	Front	10mm	\	19.78	20.5	0.156	**0.18**	0.096	**0.11**	0.01
1	DSI13	Hotspot	LTE Band66	132572	1770	1RB-High	Rear	10mm	\	19.78	20.5	0.196	**0.23**	0.117	**0.14**	0.11
1	DSI13	Hotspot	LTE Band66	132572	1770	1RB-High	Left	10mm	\	19.78	20.5	0.078	**0.09**	0.041	**0.05**	-0.16
1	DSI13	Hotspot	LTE Band66	132572	1770	1RB-High	Right	10mm	\	19.78	20.5	0.044	**0.05**	0.028	**0.03**	0.08
1	DSI13	Hotspot	LTE Band66	132572	1770	1RB-High	Bottom	10mm	\	19.78	20.5	0.368	**0.43**	0.207	**0.24**	-0.06
1	DSI13	Hotspot	LTE Band66	132572	1770	50RB-High	Front	10mm	\	19.90	20.5	0.156	**0.18**	0.096	**0.11**	-0.09
1	DSI13	Hotspot	LTE Band66	132572	1770	50RB-High	Rear	10mm	\	19.90	20.5	0.198	**0.23**	0.118	**0.14**	0.02
1	DSI13	Hotspot	LTE Band66	132572	1770	50RB-High	Left	10mm	\	19.90	20.5	0.078	**0.09**	0.042	**0.05**	0.14
1	DSI13	Hotspot	LTE Band66	132572	1770	50RB-High	Right	10mm	\	19.90	20.5	0.044	**0.05**	0.028	**0.03**	-0.10
1	DSI13	Hotspot	LTE Band66	132572	1770	50RB-High	Bottom	10mm	**A.65**	19.90	20.5	0.381	**0.44**	0.214	**0.25**	0.01
1	DSI13	Hotspot	LTE Band66	132572	1770	50RB-High	Bottom	10mm	**S**	19.90	20.5	0.337	**0.39**	0.187	**0.21**	-0.19
1	DSI13	Hotspot	LTE Band66	132572	1770	50RB-High	Bottom	10mm	**B**	19.90	20.5	0.323	**0.37**	0.181	**0.21**	-0.01

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Diversity Antenna

DSI1 (Head)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
2	DSI1	Head	GSM850	190	836.6	GSM	Cheek Left	0mm	\	24.80	26.1	0.091	**0.12**	0.061	**0.08**	0.10
2	DSI1	Head	GSM850	190	836.6	GSM	Tilt Left	0mm	\	24.80	26.1	0.04	**0.05**	0.031	**0.04**	-0.04
2	DSI1	Head	GSM850	251	848.8	GSM	Cheek Right	0mm	\	24.59	26.1	0.168	**0.24**	0.1	**0.14**	-0.14
2	DSI1	Head	GSM850	190	836.6	GSM	Cheek Right	0mm	A.66	24.80	26.1	0.189	**0.25**	0.11	**0.15**	0.02
2	DSI1	Head	GSM850	128	824.2	GSM	Cheek Right	0mm	\	24.28	26.1	0.15	**0.23**	0.087	**0.13**	0.08
2	DSI1	Head	GSM850	190	836.6	GSM	Tilt Right	0mm	\	24.80	26.1	0.061	**0.08**	0.042	**0.06**	-0.16
2	DSI1	Head	GSM850	190	836.6	GSM	Cheek Right	0mm	S	24.80	26.1	0.178	**0.24**	0.103	**0.14**	0.05
2	DSI1	Head	GSM850	190	836.6	GSM	Cheek Right	0mm	B	24.80	26.1	0.165	**0.22**	0.098	**0.13**	0.01
6	DSI1	Head	GSM1900	661	1880	GSM	Cheek Left	0mm	\	24.80	26.1	0.39	**0.53**	0.187	**0.25**	0.13
6	DSI1	Head	GSM1900	661	1880	GSM	Tilt Left	0mm	\	24.80	26.1	0.588	**0.79**	0.274	**0.37**	0.06
6	DSI1	Head	GSM1900	661	1880	GSM	Cheek Right	0mm	\	24.80	26.1	0.401	**0.54**	0.183	**0.25**	0.01
6	DSI1	Head	GSM1900	810	1909.8	GSM	Tilt Right	0mm	A.67	24.59	26.1	0.662	**0.94**	0.298	**0.42**	0.06
6	DSI1	Head	GSM1900	661	1880	GSM	Tilt Right	0mm	\	24.80	26.1	0.623	**0.84**	0.286	**0.39**	-0.12
6	DSI1	Head	GSM1900	512	1850.2	GSM	Tilt Right	0mm	\	24.28	26.1	0.592	**0.90**	0.273	**0.42**	-0.07
6	DSI1	Head	GSM1900	810	1909.8	GSM	Tilt Right	0mm	S	24.59	26.1	0.651	**0.92**	0.296	**0.42**	0.07
6	DSI1	Head	GSM1900	810	1909.8	GSM	Tilt Right	0mm	B	24.59	26.1	0.612	**0.87**	0.286	**0.40**	0.08
6	DSI1	Head	WCDMA1900	9400	1880	RMC	Cheek Left	0mm	\	16.25	16.8	0.348	**0.39**	0.173	**0.20**	-0.01
6	DSI1	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	\	16.25	16.8	0.554	**0.63**	0.262	**0.30**	-0.20
6	DSI1	Head	WCDMA1900	9400	1880	RMC	Cheek Right	0mm	\	16.25	16.8	0.379	**0.43**	0.182	**0.21**	0.17
6	DSI1	Head	WCDMA1900	9538	1907.6	RMC	Tilt Right	0mm	\	16.21	16.8	0.699	**0.80**	0.311	**0.36**	0.09
6	DSI1	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	A.68	16.25	16.8	0.711	**0.81**	0.326	**0.37**	0.11
6	DSI1	Head	WCDMA1900	9262	1852.4	RMC	Tilt Right	0mm	\	16.19	16.8	0.665	**0.77**	0.304	**0.35**	0.19
6	DSI1	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	S	16.25	16.8	0.71	**0.81**	0.32	**0.36**	-0.09
6	DSI1	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	B	16.25	16.8	0.666	**0.76**	0.311	**0.35**	0.01
6	DSI1	Head	WCDMA1700	1412	1732.4	RMC	Cheek Left	0mm	\	19.35	19.9	0.367	**0.42**	0.189	**0.21**	-0.13
6	DSI1	Head	WCDMA1700	1412	1732.4	RMC	Tilt Left	0mm	\	19.35	19.9	0.481	**0.55**	0.234	**0.27**	-0.12
6	DSI1	Head	WCDMA1700	1412	1732.4	RMC	Cheek Right	0mm	\	19.35	19.9	0.343	**0.39**	0.159	**0.18**	-0.17
6	DSI1	Head	WCDMA1700	1513	1752.6	RMC	Tilt Right	0mm	A.69	19.26	19.9	0.611	**0.71**	0.274	**0.32**	0.04
6	DSI1	Head	WCDMA1700	1412	1732.4	RMC	Tilt Right	0mm	\	19.35	19.9	0.512	**0.58**	0.236	**0.27**	-0.05
6	DSI1	Head	WCDMA1700	1312	1712.4	RMC	Tilt Right	0mm	\	19.35	19.9	0.436	**0.49**	0.204	**0.23**	0.12
6	DSI1	Head	WCDMA1700	1513	1752.6	RMC	Tilt Right	0mm	S	19.26	19.9	0.601	**0.70**	0.274	**0.32**	0.06
6	DSI1	Head	WCDMA1700	1513	1752.6	RMC	Tilt Right	0mm	B	19.26	19.9	0.528	**0.61**	0.246	**0.29**	0.04
2	DSI1	Head	WCDMA 850	4183	836.6	RMC	Cheek Left	0mm	\	24.51	25.4	0.175	**0.21**	0.12	**0.15**	-0.09
2	DSI1	Head	WCDMA 850	4183	836.6	RMC	Tilt Left	0mm	\	24.51	25.4	0.087	**0.11**	0.061	**0.07**	0.06
2	DSI1	Head	WCDMA 850	4233	846.6	RMC	Cheek Right	0mm	A.70	24.33	25.4	0.333	**0.43**	0.193	**0.25**	0.12
2	DSI1	Head	WCDMA 850	4183	836.6	RMC	Cheek Right	0mm	\	24.51	25.4	0.321	**0.39**	0.187	**0.23**	0.12
2	DSI1	Head	WCDMA 850	4132	826.4	RMC	Cheek Right	0mm	\	24.44	25.4	0.29	**0.36**	0.167	**0.21**	-0.05
2	DSI1	Head	WCDMA 850	4183	836.6	RMC	Tilt Right	0mm	\	24.51	25.4	0.127	**0.16**	0.081	**0.10**	-0.05
2	DSI1	Head	WCDMA 850	4233	846.6	RMC	Cheek Right	0mm	S	24.33	25.4	0.322	**0.41**	0.185	**0.24**	0.01
2	DSI1	Head	WCDMA 850	4233	846.6	RMC	Cheek Right	0mm	B	24.33	25.4	0.211	**0.27**	0.123	**0.16**	0.06
6	DSI1	Head	LTE Band2	18700	1860	1RB-Middle	Cheek Left	0mm	\	16.21	16.8	0.399	**0.46**	0.187	**0.21**	-0.03
6	DSI1	Head	LTE Band2	18700	1860	1RB-Middle	Tilt Left	0mm	\	16.21	16.8	0.604	**0.69**	0.272	**0.31**	0.03
6	DSI1	Head	LTE Band2	18700	1860	1RB-Middle	Cheek Right	0mm	\	16.21	16.8	0.39	**0.45**	0.177	**0.20**	-0.03
6	DSI1	Head	LTE Band2	18700	1860	1RB-Middle	Tilt Right	0mm	\	16.21	16.8	0.631	**0.72**	0.281	**0.32**	-0.13
6	DSI1	Head	LTE Band2	18700	1860	50RB-High	Cheek Left	0mm	\	16.34	16.8	0.405	**0.45**	0.19	**0.21**	0.11
6	DSI1	Head	LTE Band2	18700	1860	50RB-High	Tilt Left	0mm	\	16.34	16.8	0.626	**0.70**	0.282	**0.31**	-0.18
6	DSI1	Head	LTE Band2	18700	1860	50RB-High	Cheek Right	0mm	\	16.34	16.8	0.402	**0.45**	0.182	**0.20**	0.07
6	DSI1	Head	LTE Band2	18700	1860	50RB-High	Tilt Right	0mm	A.71	16.34	16.8	0.656	**0.73**	0.296	**0.33**	-0.03
6	DSI1	Head	LTE Band2	18700	1860	50RB-High	Tilt Right	0mm	S	16.34	16.8	0.655	**0.73**	0.298	**0.33**	-0.04
6	DSI1	Head	LTE Band2	18700	1860	50RB-High	Tilt Right	0mm	B	16.34	16.8	0.612	**0.68**	0.282	**0.31**	0.02
6	DSI1	Head	LTE Band4	20175	1720	1RB-Low	Cheek Left	0mm	\	20.12	20.7	0.271	**0.31**	0.128	**0.15**	-0.09
6	DSI1	Head	LTE Band4	20175	1720	1RB-Low	Tilt Left	0mm	\	20.12	20.7	0.4	**0.46**	0.178	**0.20**	0.13
6	DSI1	Head	LTE Band4	20175	1720	1RB-Low	Cheek Right	0mm	\	20.12	20.7	0.349	**0.40**	0.16	**0.18**	-0.04
6	DSI1	Head	LTE Band4	20175	1720	1RB-Low	Tilt Right	0mm	\	20.12	20.7	0.457	**0.52**	0.215	**0.25**	-0.13
6	DSI1	Head	LTE Band4	20175	1720	50RB-High	Cheek Left	0mm	\	20.14	20.7	0.293	**0.33**	0.138	**0.16**	-0.01
6	DSI1	Head	LTE Band4	20175	1720	50RB-High	Tilt Left	0mm	\	20.14	20.7	0.443	**0.50**	0.197	**0.22**	0.18
6	DSI1	Head	LTE Band4	20175	1720	50RB-High	Cheek Right	0mm	\	20.14	20.7	0.374	**0.43**	0.169	**0.19**	-0.14
6	DSI1	Head	LTE Band4	20175	1720	50RB-High	Tilt Right	0mm	A.72	20.14	20.7	0.51	**0.58**	0.238	**0.27**	0.04
6	DSI1	Head	LTE Band4	20175	1720	50RB-High	Tilt Right	0mm	S	20.14	20.7	0.501	**0.57**	0.233	**0.27**	-0.15
6	DSI1	Head	LTE Band4	20175	1720	50RB-High	Tilt Right	0mm	B	20.14	20.7	0.425	**0.48**	0.198	**0.23**	-0.03
9	DSI1	Head	LTE Band7	21350	2560	1RB-High	Cheek Left	0mm	A.73	21.83	22.8	0.608	**0.76**	0.266	**0.33**	0.01
9	DSI1	Head	LTE Band7	21350	2560	1RB-High	Tilt Left	0mm	\	21.83	22.8	0.502	**0.63**	0.213	**0.27**	-0.16
9	DSI1	Head	LTE Band7	21350	2560	1RB-High	Cheek Right	0mm	\	21.83	22.8	0.117	**0.15**	0.056	**0.07**	0.03
9	DSI1	Head	LTE Band7	21350	2560	1RB-High	Tilt Right	0mm	\	21.83	22.8	0.145	**0.18**	0.068	**0.09**	0.10
9	DSI1	Head	LTE Band7	21100	2535	50RB-Middle	Cheek Left	0mm	\	20.93	21.8	0.547	**0.67**	0.221	**0.27**	0.07
9	DSI1	Head	LTE Band7	21100	2535	50RB-Middle	Tilt Left	0mm	\	20.93	21.8	0.506	**0.62**	0.191	**0.23**	0.11
9	DSI1	Head	LTE Band7	21100	2535	50RB-Middle	Cheek Right	0mm	\	20.93	21.8	0.122	**0.15**	0.049	**0.06**	0.16
9	DSI1	Head	LTE Band7	21100	2535	50RB-Middle	Tilt Right	0mm	\	20.93	21.8	0.154	**0.19**	0.063	**0.08**	0.19
9	DSI1	Head	LTE Band7	21350	2560	1RB-High	Cheek Left	0mm	S	21.83	22.8	0.576	**0.72**	0.252	**0.32**	0.16
9	DSI1	Head	LTE Band7	21350	2560	1RB-High	Cheek Left	0mm	B	21.83	22.8	0.562	**0.70**	0.243	**0.30**	-0.11
9	DSI1	Head	LTE Band7	21375	2562.5	1RB-Low	Cheek Left	0mm	UL CA	20.98	22.8	0.49	**0.75**	0.252	**0.38**	0.00

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ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
1	DSI1	Head	LTE Band7	20850	2510	1RB-Low	Cheek Left	0mm	\	22.42	23.7	0.038	**0.05**	0.016	**0.02**	0.00
1	DSI1	Head	LTE Band7	20850	2510	1RB-Low	Tilt Left	0mm	\	22.42	23.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI1	Head	LTE Band7	20850	2510	1RB-Low	Cheek Right	0mm	**A.74**	22.42	23.7	0.041	**0.06**	0.017	**0.02**	-0.15
1	DSI1	Head	LTE Band7	20850	2510	1RB-Low	Tilt Right	0mm	\	22.42	23.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI1	Head	LTE Band7	20850	2510	50RB-Low	Cheek Left	0mm	\	21.6	22.7	0.031	**0.04**	0.014	**0.02**	0.00
1	DSI1	Head	LTE Band7	20850	2510	50RB-Low	Tilt Left	0mm	\	21.6	22.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI1	Head	LTE Band7	20850	2510	50RB-Low	Cheek Right	0mm	\	21.6	22.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI1	Head	LTE Band7	20850	2510	50RB-Low	Tilt Right	0mm	\	21.6	22.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI1	Head	LTE Band7	20850	2510	1RB-Low	Cheek Right	0mm	**S**	22.42	23.7	0.036	**0.05**	0.015	**0.02**	0.00
1	DSI1	Head	LTE Band7	20850	2510	1RB-Low	Cheek Right	0mm	**B**	22.42	23.7	0.021	**0.03**	<0.01	**<0.01**	/
1	DSI1	Head	LTE Band7	21375	2562.5	1RB-Low	Cheek Right	0mm	**UL CA**	21.77	23.7	0.034	**0.05**	0.015	**0.02**	0.03
6	DSI1	Head	LTE Band7	21100	2535	1RB-Middle	Cheek Left	0mm	\	16.95	17.9	0.399	**0.50**	0.204	**0.25**	-0.07
6	DSI1	Head	LTE Band7	21100	2535	1RB-Middle	Tilt Left	0mm	\	16.95	17.9	0.42	**0.52**	0.209	**0.26**	0.09
6	DSI1	Head	LTE Band7	21100	2535	1RB-Middle	Cheek Right	0mm	\	16.95	17.9	0.555	**0.69**	0.258	**0.32**	0.15
6	DSI1	Head	LTE Band7	21100	2535	1RB-Middle	Tilt Right	0mm	\	16.95	17.9	0.63	**0.78**	0.306	**0.38**	0.10
6	DSI1	Head	LTE Band7	20850	2510	50RB-High	Cheek Left	0mm	\	17.04	17.9	0.413	**0.50**	0.208	**0.25**	0.17
6	DSI1	Head	LTE Band7	20850	2510	50RB-High	Tilt Left	0mm	\	17.04	17.9	0.493	**0.60**	0.239	**0.29**	0.04
6	DSI1	Head	LTE Band7	21350	2560	50RB-Low	Cheek Right	0mm	\	16.95	17.9	0.646	**0.80**	0.301	**0.37**	0.11
6	DSI1	Head	LTE Band7	21100	2535	50RB-High	Cheek Right	0mm	\	16.99	17.9	0.645	**0.80**	0.292	**0.36**	-0.03
6	DSI1	Head	LTE Band7	20850	2510	50RB-High	Cheek Right	0mm	\	17.04	17.9	0.735	**0.90**	0.305	**0.37**	-0.01
6	DSI1	Head	LTE Band7	21350	2560	50RB-Low	Tilt Right	0mm	\	16.95	17.9	0.612	**0.76**	0.283	**0.35**	0.05
6	DSI1	Head	LTE Band7	21100	2535	50RB-High	Tilt Right	0mm	\	16.99	17.9	0.682	**0.84**	0.314	**0.39**	-0.05
6	DSI1	Head	LTE Band7	20850	2510	50RB-High	Tilt Right	0mm	**A.75**	17.04	17.9	0.843	**1.03**	0.354	**0.43**	0.09
6	DSI1	Head	LTE Band7	20850	2510	100RB	Cheek Right	0mm	\	17.06	17.9	0.721	**0.87**	0.322	**0.39**	0.01
6	DSI1	Head	LTE Band7	20850	2510	100RB	Tilt Right	0mm	\	17.06	17.9	0.817	**0.99**	0.34	**0.41**	-0.06
6	DSI1	Head	LTE Band7	20850	2510	50RB-High	Tilt Right	0mm	**S**	17.04	17.9	0.805	**0.98**	0.332	**0.40**	0.14
6	DSI1	Head	LTE Band7	20850	2510	50RB-High	Tilt Right	0mm	**B**	17.04	17.9	0.784	**0.96**	0.314	**0.38**	0.08
6	DSI1	Head	LTE Band7	21350	2560	1RB-High	Tilt Right	0mm	**UL CA**	17.04	17.9	0.819	**1.00**	0.368	**0.45**	0.08
2	DSI1	Head	LTE Band12	23130	704	1RB-Low	Cheek Left	0mm	\	23.45	25.1	0.078	**0.11**	0.056	**0.08**	0.14
2	DSI1	Head	LTE Band12	23130	704	1RB-Low	Tilt Left	0mm	\	23.45	25.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI1	Head	LTE Band12	23130	704	1RB-Low	Cheek Right	0mm	**A.76**	23.45	25.1	0.178	**0.26**	0.104	**0.15**	0.06
2	DSI1	Head	LTE Band12	23130	704	1RB-Low	Tilt Right	0mm	\	23.45	25.1	0.063	**0.09**	0.042	**0.06**	0.03
2	DSI1	Head	LTE Band12	23130	704	25RB-Middle	Cheek Left	0mm	\	22.45	24.1	0.03	**0.04**	0.021	**0.03**	-0.18
2	DSI1	Head	LTE Band12	23130	704	25RB-Middle	Tilt Left	0mm	\	22.45	24.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI1	Head	LTE Band12	23130	704	25RB-Middle	Cheek Right	0mm	\	22.45	24.1	0.071	**0.10**	0.041	**0.06**	0.02
2	DSI1	Head	LTE Band12	23130	704	25RB-Middle	Tilt Right	0mm	\	22.45	24.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI1	Head	LTE Band12	23130	704	1RB-Low	Cheek Right	0mm	**S**	23.45	25.1	0.127	**0.19**	0.075	**0.11**	0.03
2	DSI1	Head	LTE Band12	23130	704	1RB-Low	Cheek Right	0mm	**B**	23.45	25.1	0.115	**0.17**	0.068	**0.10**	-0.01
2	DSI1	Head	LTE Band26	26775	822.5	1RB-Low	Cheek Left	0mm	\	23.65	25.4	0.145	**0.22**	0.097	**0.15**	0.15
2	DSI1	Head	LTE Band26	26775	822.5	1RB-Low	Tilt Left	0mm	\	23.65	25.4	0.07	**0.10**	0.05	**0.07**	-0.06
2	DSI1	Head	LTE Band26	26775	822.5	1RB-Low	Cheek Right	0mm	**A.77**	23.65	25.4	0.268	**0.40**	0.154	**0.23**	0.06
2	DSI1	Head	LTE Band26	26775	822.5	1RB-Low	Tilt Right	0mm	\	23.65	25.4	0.099	**0.15**	0.065	**0.10**	0.09
2	DSI1	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Left	0mm	\	22.82	24.4	0.125	**0.18**	0.083	**0.12**	-0.15
2	DSI1	Head	LTE Band26	26775	822.5	36RB-Low	Tilt Left	0mm	\	22.82	24.4	0.06	**0.09**	0.043	**0.06**	0.18
2	DSI1	Head	LTE Band26	26775	822.5	36RB-Low	Cheek Right	0mm	\	22.82	24.4	0.231	**0.33**	0.133	**0.19**	0.04
2	DSI1	Head	LTE Band26	26775	822.5	36RB-Low	Tilt Right	0mm	\	22.82	24.4	0.087	**0.13**	0.056	**0.08**	0.06
2	DSI1	Head	LTE Band26	26775	822.5	1RB-Low	Cheek Right	0mm	**S**	23.65	25.4	0.248	**0.37**	0.144	**0.22**	0.13
2	DSI1	Head	LTE Band26	26775	822.5	1RB-Low	Cheek Right	0mm	**B**	23.65	25.4	0.225	**0.34**	0.127	**0.19**	0.05
6	DSI1	Head	LTE Band38	37850	2580	1RB-Low	Cheek Left	0mm	\	18.48	19.5	0.267	**0.34**	0.111	**0.14**	0.08
6	DSI1	Head	LTE Band38	37850	2580	1RB-Low	Tilt Left	0mm	\	18.48	19.5	0.388	**0.49**	0.181	**0.23**	0.02
6	DSI1	Head	LTE Band38	37850	2580	1RB-Low	Cheek Right	0mm	\	18.48	19.5	0.224	**0.28**	0.094	**0.12**	-0.12
6	DSI1	Head	LTE Band38	37850	2580	1RB-Low	Tilt Right	0mm	\	18.48	19.5	0.487	**0.62**	0.211	**0.27**	0.00
6	DSI1	Head	LTE Band38	37850	2580	50RB-Middle	Cheek Left	0mm	\	18.50	19.5	0.273	**0.34**	0.132	**0.17**	-0.13
6	DSI1	Head	LTE Band38	37850	2580	50RB-Middle	Tilt Left	0mm	\	18.50	19.5	0.378	**0.48**	0.176	**0.22**	-0.10
6	DSI1	Head	LTE Band38	37850	2580	50RB-Middle	Cheek Right	0mm	\	18.50	19.5	0.226	**0.28**	0.097	**0.12**	0.18
6	DSI1	Head	LTE Band38	37850	2580	50RB-Middle	Tilt Right	0mm	**A.78**	18.50	19.5	0.502	**0.63**	0.22	**0.28**	0.10
6	DSI1	Head	LTE Band38	37850	2580	50RB-Middle	Tilt Right	0mm	**S**	18.50	19.5	0.444	**0.56**	0.189	**0.24**	0.05
6	DSI1	Head	LTE Band38	37850	2580	50RB-Middle	Tilt Right	0mm	**B**	18.50	19.5	0.402	**0.51**	0.175	**0.22**	0.05
6	DSI1	Head	LTE Band38	38150	2610	1RB-Low	Tilt Right	0mm	**UL** CA	18.36	19.5	0.478	**0.62**	0.227	**0.30**	0.16
6	DSI1	Head	LTE Band41	40185	2549.5	1RB-Low	Cheek Left	0mm	\	18.58	19.4	0.209	**0.25**	0.094	**0.11**	0.09
6	DSI1	Head	LTE Band41	40185	2549.5	1RB-Low	Tilt Left	0mm	\	18.58	19.4	0.423	**0.51**	0.18	**0.22**	-0.16
6	DSI1	Head	LTE Band41	40185	2549.5	1RB-Low	Cheek Right	0mm	\	18.58	19.4	0.254	**0.31**	0.105	**0.13**	0.18
6	DSI1	Head	LTE Band41	40185	2549.5	1RB-Low	Tilt Right	0mm	**A.79**	18.58	19.4	0.492	**0.59**	0.21	**0.25**	0.09
6	DSI1	Head	LTE Band41	40185	2549.5	50RB-Middle	Cheek Left	0mm	\	18.64	19.4	0.208	**0.25**	0.094	**0.11**	0.16
6	DSI1	Head	LTE Band41	40185	2549.5	50RB-Middle	Tilt Left	0mm	\	18.64	19.4	0.429	**0.51**	0.185	**0.22**	0.09
6	DSI1	Head	LTE Band41	40185	2549.5	50RB-Middle	Cheek Right	0mm	\	18.64	19.4	0.242	**0.29**	0.104	**0.12**	0.03
6	DSI1	Head	LTE Band41	40185	2549.5	50RB-Middle	Tilt Right	0mm	\	18.64	19.4	0.488	**0.58**	0.21	**0.25**	0.01
6	DSI1	Head	LTE Band41	40185	2549.5	1RB-Low	Tilt Right	0mm	**S**	18.58	19.4	0.482	**0.58**	0.198	**0.24**	0.01
6	DSI1	Head	LTE Band41	40185	2549.5	1RB-Low	Tilt Right	0mm	**B**	18.58	19.4	0.397	**0.48**	0.166	**0.20**	-0.11
6	DSI1	Head	LTE Band41	39750	2506	1RB-High	Tilt Right	0mm	**UL** CA	18.19	19.4	0.447	**0.59**	0.209	**0.28**	0.06
6	DSI1	Head	LTE Band66	132072	1720	1RB-Low	Cheek Left	0mm	\	19.62	20.4	0.245	**0.29**	0.118	**0.14**	-0.05
6	DSI1	Head	LTE Band66	132072	1720	1RB-Low	Tilt Left	0mm	\	19.62	20.4	0.333	**0.40**	0.152	**0.18**	0.02
6	DSI1	Head	LTE Band66	132072	1720	1RB-Low	Cheek Right	0mm	\	19.62	20.4	0.286	**0.34**	0.134	**0.16**	0.17
6	DSI1	Head	LTE Band66	132072	1720	1RB-Low	Tilt Right	0mm	\	19.62	20.4	0.436	**0.52**	0.203	**0.24**	-0.04
6	DSI1	Head	LTE Band66	132072	1720	50RB-High	Cheek Left	0mm	\	19.74	20.4	0.27	**0.31**	0.13	**0.15**	0.03
6	DSI1	Head	LTE Band66	132072	1720	50RB-High	Tilt Left	0mm	\	19.74	20.4	0.375	**0.44**	0.17	**0.20**	-0.02
6	DSI1	Head	LTE Band66	132072	1720	50RB-High	Cheek Right	0mm	\	19.74	20.4	0.313	**0.36**	0.146	**0.17**	-0.18
6	DSI1	Head	LTE Band66	132072	1720	50RB-High	Tilt Right	0mm	**A.80**	19.74	20.4	0.473	**0.55**	0.221	**0.26**	-0.04
6	DSI1	Head	LTE Band66	132072	1720	50RB-High	Tilt Right	0mm	**S**	19.74	20.4	0.463	**0.54**	0.217	**0.25**	0.08
6	DSI1	Head	LTE Band66	132072	1720	50RB-High	Tilt Right	0mm	**B**	19.74	20.4	0.425	**0.49**	0.205	**0.24**	0.03

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DSI3 (Body worn)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
2	DSI3	Body	GSM850	190	836.6	GPRS(1TX)	Front	15mm	\	32.44	33.2	0.062	**0.07**	0.04	**0.05**	0.19
2	DSI3	Body	GSM850	251	848.8	GPRS(1TX)	Rear	15mm	A.81	32.32	33.2	0.146	**0.18**	0.092	**0.11**	-0.01
2	DSI3	Body	GSM850	190	836.6	GPRS(1TX)	Rear	15mm	\	32.44	33.2	0.138	**0.16**	0.088	**0.10**	-0.14
2	DSI3	Body	GSM850	128	824.2	GPRS(1TX)	Rear	15mm	\	32.36	33.2	0.115	**0.14**	0.072	**0.09**	0.05
2	DSI3	Body	GSM850	251	848.8	EGPRS(1TX)	Rear	15mm	\	32.32	33.2	0.144	**0.18**	0.091	**0.11**	0.02
2	DSI3	Body	GSM850	251	848.8	GPRS(1TX)	Rear	15mm	S	32.32	33.2	0.138	**0.17**	0.085	**0.10**	0.16
2	DSI3	Body	GSM850	251	848.8	GPRS(1TX)	Rear	15mm	B	32.32	33.2	0.134	**0.16**	0.08	**0.10**	0.12
6	DSI3	Body	GSM1900	661	1880	GPRS(1TX)	Front	15mm	\	28.43	29.1	0.116	**0.14**	0.069	**0.08**	-0.12
6	DSI3	Body	GSM1900	810	1909.8	GPRS(1TX)	Rear	15mm	\	28.16	29.1	0.14	**0.17**	0.083	**0.10**	0.06
6	DSI3	Body	GSM1900	661	1880	GPRS(1TX)	Rear	15mm	A.82	28.43	29.1	0.151	**0.18**	0.087	**0.10**	0.04
6	DSI3	Body	GSM1900	512	1850.2	GPRS(1TX)	Rear	15mm	\	28.29	29.1	0.121	**0.15**	0.07	**0.08**	-0.14
6	DSI3	Body	GSM1900	661	1880	EGPRS(1TX)	Rear	15mm	\	28.40	29.1	0.147	**0.17**	0.084	**0.10**	0.07
6	DSI3	Body	GSM1900	661	1880	GPRS(1TX)	Rear	15mm	S	28.43	29.1	0.148	**0.17**	0.085	**0.10**	0.06
6	DSI3	Body	GSM1900	661	1880	GPRS(1TX)	Rear	15mm	B	28.43	29.1	0.141	**0.16**	0.078	**0.09**	0.18
6	DSI3	Body	WCDMA1900	9400	1880	RMC	Front	15mm	\	19.33	20.2	0.169	**0.21**	0.096	**0.12**	-0.03
6	DSI3	Body	WCDMA1900	9538	1907.6	RMC	Rear	15mm	\	19.41	20.2	0.232	**0.28**	0.123	**0.15**	0.19
6	DSI3	Body	WCDMA1900	9400	1880	RMC	Rear	15mm	A.83	19.33	20.2	0.235	**0.29**	0.135	**0.16**	-0.14
6	DSI3	Body	WCDMA1900	9262	1852.4	RMC	Rear	15mm	\	19.21	20.2	0.201	**0.25**	0.116	**0.15**	0.03
6	DSI3	Body	WCDMA1900	9400	1880	RMC	Rear	15mm	S	19.33	20.2	0.234	**0.29**	0.132	**0.16**	0.02
6	DSI3	Body	WCDMA1900	9400	1880	RMC	Rear	15mm	B	19.33	20.2	0.139	**0.17**	0.078	**0.10**	-0.06
6	DSI3	Body	WCDMA1700	1413	1732.6	RMC	Front	15mm	\	19.72	20.9	0.068	**0.09**	0.037	**0.05**	-0.04
6	DSI3	Body	WCDMA1700	1513	1752.6	RMC	Rear	15mm	A.84	19.61	20.9	0.086	**0.12**	0.05	**0.07**	0.02
6	DSI3	Body	WCDMA1700	1413	1732.6	RMC	Rear	15mm	\	19.72	20.9	0.066	**0.09**	0.036	**0.05**	0.00
6	DSI3	Body	WCDMA1700	1312	1712.4	RMC	Rear	15mm	\	19.68	20.9	0.054	**0.07**	0.031	**0.04**	-0.05
6	DSI3	Body	WCDMA1700	1513	1752.6	RMC	Rear	15mm	S	19.61	20.9	0.085	**0.11**	0.05	**0.07**	0.07
6	DSI3	Body	WCDMA1700	1513	1752.6	RMC	Rear	15mm	B	19.61	20.9	0.079	**0.11**	0.041	**0.06**	0.17
2	DSI3	Body	WCDMA 850	4183	836.6	RMC	Front	15mm	\	24.51	25.4	0.093	**0.11**	0.061	**0.07**	-0.07
2	DSI3	Body	WCDMA 850	4233	846.6	RMC	Rear	15mm	A.85	24.33	25.4	0.163	**0.21**	0.102	**0.13**	-0.12
2	DSI3	Body	WCDMA 850	4183	836.6	RMC	Rear	15mm	\	24.51	25.4	0.161	**0.20**	0.1	**0.12**	0.00
2	DSI3	Body	WCDMA 850	4132	826.4	RMC	Rear	15mm	\	24.44	25.4	0.139	**0.17**	0.089	**0.11**	0.15
2	DSI3	Body	WCDMA 850	4233	846.6	RMC	Rear	15mm	S	24.33	25.4	0.157	**0.20**	0.099	**0.13**	0.16
2	DSI3	Body	WCDMA 850	4233	846.6	RMC	Rear	15mm	B	24.33	25.4	0.154	**0.20**	0.084	**0.11**	0.03
6	DSI3	Body	LTE Band2	18900	1880	1RB-Low	Front	15mm	\	19.58	20.2	0.102	**0.12**	0.055	**0.06**	0.12
6	DSI3	Body	LTE Band2	18900	1880	1RB-Low	Rear	15mm	A.86	19.58	20.2	0.116	**0.13**	0.062	**0.07**	0.14
6	DSI3	Body	LTE Band2	18700	1860	50RB-Middle	Front	15mm	\	19.70	20.2	0.099	**0.11**	0.052	**0.06**	0.08
6	DSI3	Body	LTE Band2	18700	1860	50RB-Middle	Rear	15mm	\	19.70	20.2	0.115	**0.13**	0.06	**0.07**	-0.03
6	DSI3	Body	LTE Band2	18900	1880	1RB-Low	Rear	15mm	S	19.58	20.2	0.111	**0.13**	0.057	**0.07**	-0.09
6	DSI3	Body	LTE Band2	18900	1880	1RB-Low	Rear	15mm	B	19.58	20.2	0.102	**0.12**	0.051	**0.06**	0.07
6	DSI3	Body	LTE Band4	20175	1720	1RB-Low	Front	15mm	\	20.81	21.7	0.048	**0.06**	0.026	**0.03**	0.07
6	DSI3	Body	LTE Band4	20175	1720	1RB-Low	Rear	15mm	\	20.81	21.7	0.04	**0.05**	0.021	**0.03**	-0.01
6	DSI3	Body	LTE Band4	20175	1720	50RB-Middle	Front	15mm	A.87	20.87	21.7	0.051	**0.06**	0.028	**0.03**	-0.04
6	DSI3	Body	LTE Band4	20175	1720	50RB-Middle	Rear	15mm	\	20.87	21.7	0.042	**0.05**	0.022	**0.03**	-0.04
6	DSI3	Body	LTE Band4	20175	1720	50RB-Middle	Front	15mm	S	20.87	21.7	0.048	**0.06**	0.025	**0.03**	-0.07
6	DSI3	Body	LTE Band4	20175	1720	50RB-Middle	Front	15mm	B	20.87	21.7	0.045	**0.05**	0.021	**0.03**	0.09
9	DSI3	Body	LTE Band7	21350	2560	1RB-High	Front	15mm	\	21.83	22.8	0.057	**0.07**	0.023	**0.03**	-0.04
9	DSI3	Body	LTE Band7	21350	2560	1RB-High	Rear	15mm	A.88	21.83	22.8	0.078	**0.10**	0.034	**0.04**	-0.03
9	DSI3	Body	LTE Band7	21100	2535	50RB-Middle	Front	15mm	\	20.93	21.8	0.045	**0.05**	0.017	**0.02**	0.00
9	DSI3	Body	LTE Band7	21100	2535	50RB-Middle	Rear	15mm	\	20.93	21.8	0.055	**0.07**	0.022	**0.03**	-0.14
9	DSI3	Body	LTE Band7	21350	2560	1RB-High	Rear	15mm	S	21.83	22.8	0.076	**0.10**	0.031	**0.04**	0.07
9	DSI3	Body	LTE Band7	21350	2560	1RB-High	Rear	15mm	B	21.83	22.8	0.064	**0.08**	0.025	**0.03**	0.17
9	DSI3	Body	LTE Band7	21375	2562.5	1RB-Low	Rear	15mm	UL CA	20.98	22.8	0.062	**0.09**	0.022	**0.03**	0.06
1	DSI3	Body	LTE Band7	20850	2510	1RB-Low	Front	15mm	\	22.42	23.7	0.078	**0.10**	0.04	**0.05**	0.03
1	DSI3	Body	LTE Band7	20850	2510	1RB-Low	Rear	15mm	A.89	22.42	23.7	0.111	**0.15**	0.062	**0.08**	-0.14
1	DSI3	Body	LTE Band7	20850	2510	50RB-Low	Front	15mm	\	21.6	22.7	0.06	**0.08**	0.031	**0.04**	-0.05
1	DSI3	Body	LTE Band7	20850	2510	50RB-Low	Rear	15mm	\	21.6	22.7	0.083	**0.11**	0.046	**0.06**	0.02
1	DSI3	Body	LTE Band7	20850	2510	1RB-Low	Rear	15mm	S	22.42	23.7	0.106	**0.14**	0.057	**0.08**	0.15
1	DSI3	Body	LTE Band7	20850	2510	1RB-Low	Rear	15mm	B	22.42	23.7	0.094	**0.13**	0.05	**0.07**	0.17
1	DSI3	Body	LTE Band7	21375	2562.5	1RB-Low	Rear	15mm	UL CA	21.77	23.7	0.09	**0.14**	0.049	**0.08**	0.14
6	DSI3	Body	LTE Band7	20850	2510	1RB-Low	Front	15mm	\	18.17	19.1	0.079	**0.10**	0.04	**0.05**	0.09
6	DSI3	Body	LTE Band7	20850	2510	1RB-Low	Rear	15mm	\	18.17	19.1	0.111	**0.14**	0.056	**0.07**	-0.14
6	DSI3	Body	LTE Band7	20850	2510	50RB-High	Front	15mm	\	18.33	19.1	0.08	**0.10**	0.041	**0.05**	0.00
6	DSI3	Body	LTE Band7	20850	2510	50RB-High	Rear	15mm	A.90	18.33	19.1	0.119	**0.14**	0.061	**0.07**	0.02
6	DSI3	Body	LTE Band7	20850	2510	50RB-High	Rear	15mm	S	18.33	19.1	0.106	**0.13**	0.052	**0.06**	0.17
6	DSI3	Body	LTE Band7	20850	2510	50RB-High	Rear	15mm	B	18.33	19.1	0.089	**0.11**	0.044	**0.05**	0.08
6	DSI3	Body	LTE Band7	21375	2562.5	1RB-Low	Rear	15mm	UL CA	18	19.1	0.109	**0.14**	0.056	**0.07**	-0.11
2	DSI3	Body	LTE Band12	23130	704	1RB-Low	Front	15mm	\	23.45	25.1	0.088	**0.13**	0.061	**0.09**	-0.10
2	DSI3	Body	LTE Band12	23130	704	1RB-Low	Rear	15mm	A.91	23.45	25.1	0.109	**0.16**	0.071	**0.10**	0.08
2	DSI3	Body	LTE Band12	23130	704	25RB-Middle	Front	15mm	\	22.45	24.1	0.079	**0.12**	0.054	**0.08**	0.16
2	DSI3	Body	LTE Band12	23130	704	25RB-Middle	Rear	15mm	\	22.45	24.1	0.102	**0.15**	0.065	**0.10**	0.02
2	DSI3	Body	LTE Band12	23130	704	1RB-Low	Rear	15mm	S	23.45	25.1	0.106	**0.15**	0.067	**0.10**	-0.05
2	DSI3	Body	LTE Band12	23130	704	1RB-Low	Rear	15mm	B	23.45	25.1	0.091	**0.13**	0.058	**0.08**	0.08
2	DSI3	Body	LTE Band26	26775	822.5	1RB-Low	Front	15mm	\	23.65	25.4	0.075	**0.11**	0.049	**0.07**	0.17
2	DSI3	Body	LTE Band26	26775	822.5	1RB-Low	Rear	15mm	A.92	23.65	25.4	0.132	**0.20**	0.085	**0.13**	0.01
2	DSI3	Body	LTE Band26	26775	822.5	36RB-Low	Front	15mm	\	22.82	24.4	0.064	**0.09**	0.043	**0.06**	-0.01
2	DSI3	Body	LTE Band26	26775	822.5	36RB-Low	Rear	15mm	\	22.82	24.4	0.112	**0.16**	0.073	**0.11**	-0.11
2	DSI3	Body	LTE Band26	26775	822.5	1RB-Low	Rear	15mm	S	23.65	25.4	0.131	**0.20**	0.083	**0.12**	0.07
2	DSI3	Body	LTE Band26	26775	822.5	1RB-Low	Rear	15mm	B	23.65	25.4	0.119	**0.18**	0.076	**0.11**	-0.12
6	DSI3	Body	LTE Band38	37850	2580	1RB-Low	Front	15mm	\	19.66	20.6	0.052	**0.06**	0.026	**0.03**	0.17
6	DSI3	Body	LTE Band38	37850	2580	1RB-Low	Rear	15mm	A.93	19.66	20.6	0.07	**0.09**	0.035	**0.04**	0.01
6	DSI3	Body	LTE Band38	37850	2580	50RB-Middle	Front	15mm	\	19.67	20.6	0.05	**0.06**	0.025	**0.03**	-0.10
6	DSI3	Body	LTE Band38	37850	2580	50RB-Middle	Rear	15mm	\	19.67	20.6	0.064	**0.08**	0.032	**0.04**	-0.13
6	DSI3	Body	LTE Band38	37850	2580	1RB-Low	Rear	15mm	S	19.66	20.6	0.066	**0.08**	0.032	**0.04**	-0.18
6	DSI3	Body	LTE Band38	37850	2580	1RB-Low	Rear	15mm	B	19.66	20.6	0.049	**0.06**	0.024	**0.03**	0.07
6	DSI3	Body	LTE Band38	37850	2580	1RB-Low	Rear	15mm	UL CA	19.30	20.6	0.062	**0.08**	0.029	**0.04**	0.05

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ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
6	DSI3	Body	LTE Band41	40185	2549.5	1RB-Middle	Front	15mm	\	19.60	20.6	0.063	**0.08**	0.032	**0.04**	0.15
6	DSI3	Body	LTE Band41	40185	2549.5	1RB-Middle	Rear	15mm	\	19.60	20.6	0.069	**0.09**	0.036	**0.05**	0.17
6	DSI3	Body	LTE Band41	40185	2549.5	50RB-Middle	Front	15mm	\	19.72	20.6	0.065	**0.08**	0.033	**0.04**	0.13
6	DSI3	Body	LTE Band41	40185	2549.5	50RB-Middle	Rear	15mm	A.94	19.72	20.6	0.071	**0.09**	0.036	**0.04**	0.09
6	DSI3	Body	LTE Band41	40185	2549.5	50RB-Middle	Rear	15mm	S	19.72	20.6	0.067	**0.08**	0.031	**0.04**	-0.09
6	DSI3	Body	LTE Band41	40185	2549.5	50RB-Middle	Rear	15mm	B	19.72	20.6	0.056	**0.07**	0.025	**0.03**	0.07
6	DSI3	Body	LTE Band41	40185	2549.5	1RB-High	Rear	15mm	UL CA	19.46	20.6	0.066	**0.09**	0.032	**0.04**	0.15
6	DSI3	Body	LTE Band66	132072	1720	1RB-Middle	Front	15mm	A.95	21.00	21.7	0.056	**0.07**	0.029	**0.03**	-0.06
6	DSI3	Body	LTE Band66	132072	1720	1RB-Middle	Rear	15mm	\	21.00	21.7	0.041	**0.05**	0.02	**0.02**	0.00
6	DSI3	Body	LTE Band66	132072	1720	50RB-Middle	Front	15mm	\	21.15	21.7	0.055	**0.06**	0.028	**0.03**	-0.07
6	DSI3	Body	LTE Band66	132072	1720	50RB-Middle	Rear	15mm	\	21.15	21.7	0.041	**0.05**	0.021	**0.02**	0.00
6	DSI3	Body	LTE Band66	132072	1720	1RB-Middle	Front	15mm	S	21.00	21.7	0.052	**0.06**	0.025	**0.03**	0.04
6	DSI3	Body	LTE Band66	132072	1720	1RB-Middle	Front	15mm	B	21.00	21.7	0.042	**0.05**	0.022	**0.03**	0.08

DSI5 (Head)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
2	DSI5	Head	GSM850	190	836.6	GSM	Cheek Left	0mm	\	27.84	29.2	0.023	**0.03**	0.014	**0.02**	0.00
2	DSI5	Head	GSM850	190	836.6	GSM	Tilt Left	0mm	\	27.84	29.2	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI5	Head	GSM850	251	848.8	GSM	Cheek Right	0mm	A.96	27.78	29.2	0.081	**0.11**	0.046	**0.06**	-0.07
2	DSI5	Head	GSM850	190	836.6	GSM	Cheek Right	0mm	\	27.84	29.2	0.052	**0.07**	0.026	**0.04**	-0.19
2	DSI5	Head	GSM850	128	824.2	GSM	Cheek Right	0mm	\	27.83	29.2	0.047	**0.06**	0.027	**0.04**	-0.02
2	DSI5	Head	GSM850	190	836.6	GSM	Tilt Right	0mm	\	27.84	29.2	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI5	Head	GSM850	251	848.8	GSM	Cheek Right	0mm	S	27.78	29.2	0.076	**0.11**	0.042	**0.06**	0.16
2	DSI5	Head	GSM850	251	848.8	GSM	Cheek Right	0mm	B	27.78	29.2	0.059	**0.08**	0.032	**0.04**	0.04
6	DSI5	Head	GSM1900	661	1880	GSM	Cheek Left	0mm	\	21.13	22.1	0.132	**0.17**	0.063	**0.08**	-0.05
6	DSI5	Head	GSM1900	661	1880	GSM	Tilt Left	0mm	\	21.13	22.1	0.214	**0.27**	0.097	**0.12**	-0.10
6	DSI5	Head	GSM1900	661	1880	GSM	Cheek Right	0mm	\	21.13	22.1	0.124	**0.16**	0.057	**0.07**	-0.14
6	DSI5	Head	GSM1900	810	1909.8	GSM	Tilt Right	0mm	\	20.97	22.1	0.207	**0.27**	0.092	**0.12**	-0.06
6	DSI5	Head	GSM1900	661	1880	GSM	Tilt Right	0mm	A.97	21.13	22.1	0.225	**0.28**	0.098	**0.12**	0.01
6	DSI5	Head	GSM1900	512	1850.2	GSM	Tilt Right	0mm	\	20.94	22.1	0.187	**0.24**	0.086	**0.11**	0.00
6	DSI5	Head	GSM1900	661	1880	GSM	Tilt Right	0mm	S	21.13	22.1	0.214	**0.27**	0.093	**0.12**	0.17
6	DSI5	Head	GSM1900	661	1880	GSM	Tilt Right	0mm	B	21.13	22.1	0.202	**0.25**	0.078	**0.10**	-0.05
6	DSI5	Head	WCDMA1900	9400	1880	RMC	Cheek Left	0mm	\	12.35	12.8	0.14	**0.16**	0.071	**0.08**	-0.18
6	DSI5	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	\	12.35	12.8	0.225	**0.25**	0.107	**0.12**	0.18
6	DSI5	Head	WCDMA1900	9400	1880	RMC	Cheek Right	0mm	\	12.35	12.8	0.144	**0.16**	0.069	**0.08**	0.15
6	DSI5	Head	WCDMA1900	9538	1907.6	RMC	Tilt Right	0mm	\	12.28	12.8	0.265	**0.30**	0.118	**0.13**	-0.01
6	DSI5	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	A.98	12.35	12.8	0.288	**0.32**	0.127	**0.14**	0.05
6	DSI5	Head	WCDMA1900	9262	1852.4	RMC	Tilt Right	0mm	\	12.21	12.8	0.269	**0.31**	0.121	**0.14**	0.18
6	DSI5	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	S	12.35	12.8	0.284	**0.32**	0.123	**0.14**	0.06
6	DSI5	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	B	12.35	12.8	0.264	**0.29**	0.115	**0.13**	-0.08
6	DSI5	Head	WCDMA1700	1412	1732.4	RMC	Cheek Left	0mm	\	15.39	15.9	0.147	**0.17**	0.066	**0.07**	-0.13
6	DSI5	Head	WCDMA1700	1412	1732.4	RMC	Tilt Left	0mm	\	15.39	15.9	0.189	**0.21**	0.082	**0.09**	0.01
6	DSI5	Head	WCDMA1700	1412	1732.4	RMC	Cheek Right	0mm	\	15.39	15.9	0.142	**0.16**	0.061	**0.07**	-0.02
6	DSI5	Head	WCDMA1700	1513	1752.6	RMC	Tilt Right	0mm	A.99	15.38	15.9	0.238	**0.27**	0.105	**0.12**	-0.13
6	DSI5	Head	WCDMA1700	1412	1732.4	RMC	Tilt Right	0mm	\	15.39	15.9	0.204	**0.23**	0.089	**0.10**	0.06
6	DSI5	Head	WCDMA1700	1312	1712.4	RMC	Tilt Right	0mm	\	15.49	15.9	0.184	**0.20**	0.081	**0.09**	-0.17
6	DSI5	Head	WCDMA1700	1513	1752.6	RMC	Tilt Right	0mm	S	15.38	15.9	0.224	**0.25**	0.095	**0.11**	0.07
6	DSI5	Head	WCDMA1700	1513	1752.6	RMC	Tilt Right	0mm	B	15.38	15.9	0.212	**0.24**	0.085	**0.10**	-0.14
2	DSI5	Head	WCDMA 850	4183	836.6	RMC	Cheek Left	0mm	\	20.62	21.4	0.055	**0.07**	0.041	**0.05**	0.17
2	DSI5	Head	WCDMA 850	4183	836.6	RMC	Tilt Left	0mm	\	20.62	21.4	0.055	**0.07**	0.041	**0.05**	0.15
2	DSI5	Head	WCDMA 850	4233	846.6	RMC	Cheek Right	0mm	\	20.62	21.4	0.121	**0.14**	0.073	**0.09**	-0.01
2	DSI5	Head	WCDMA 850	4183	836.6	RMC	Cheek Right	0mm	A.100	20.62	21.4	0.138	**0.17**	0.08	**0.10**	0.06
2	DSI5	Head	WCDMA 850	4132	826.4	RMC	Cheek Right	0mm	\	20.57	21.4	0.108	**0.13**	0.066	**0.08**	0.15
2	DSI5	Head	WCDMA 850	4183	836.6	RMC	Tilt Right	0mm	\	20.62	21.4	0.044	**0.05**	0.031	**0.04**	-0.11
2	DSI5	Head	WCDMA 850	4183	836.6	RMC	Cheek Right	0mm	S	20.62	21.4	0.124	**0.15**	0.074	**0.09**	0.06
2	DSI5	Head	WCDMA 850	4183	836.6	RMC	Cheek Right	0mm	B	20.62	21.4	0.105	**0.13**	0.063	**0.08**	0.07
6	DSI5	Head	LTE Band2	18700	1860	1RB-Low	Cheek Left	0mm	\	12.49	12.8	0.153	**0.16**	0.074	**0.08**	0.12
6	DSI5	Head	LTE Band2	18700	1860	1RB-Low	Tilt Left	0mm	\	12.49	12.8	0.23	**0.25**	0.105	**0.11**	0.18
6	DSI5	Head	LTE Band2	18700	1860	1RB-Low	Cheek Right	0mm	\	12.49	12.8	0.149	**0.16**	0.072	**0.08**	0.12
6	DSI5	Head	LTE Band2	18700	1860	1RB-Low	Tilt Right	0mm	\	12.49	12.8	0.251	**0.27**	0.115	**0.12**	-0.05
6	DSI5	Head	LTE Band2	18700	1860	50RB-Middle	Cheek Left	0mm	\	12.44	12.8	0.162	**0.18**	0.078	**0.08**	0.05
6	DSI5	Head	LTE Band2	18700	1860	50RB-Middle	Tilt Left	0mm	\	12.44	12.8	0.244	**0.27**	0.111	**0.12**	0.03
6	DSI5	Head	LTE Band2	18700	1860	50RB-Middle	Cheek Right	0mm	\	12.44	12.8	0.146	**0.16**	0.072	**0.08**	-0.15
6	DSI5	Head	LTE Band2	18700	1860	50RB-Middle	Tilt Right	0mm	A.101	12.44	12.8	0.265	**0.29**	0.121	**0.13**	0.05
6	DSI5	Head	LTE Band2	18700	1860	50RB-Middle	Tilt Right	0mm	S	12.44	12.8	0.254	**0.28**	0.117	**0.13**	0.16
6	DSI5	Head	LTE Band2	18700	1860	50RB-Middle	Tilt Right	0mm	B	12.44	12.8	0.238	**0.26**	0.107	**0.12**	0.07
6	DSI5	Head	LTE Band4	20175	1732.5	1RB-Low	Cheek Left	0mm	\	15.89	16.7	0.141	**0.17**	0.064	**0.08**	0.15
6	DSI5	Head	LTE Band4	20175	1732.5	1RB-Low	Tilt Left	0mm	\	15.89	16.7	0.188	**0.23**	0.081	**0.10**	-0.03
6	DSI5	Head	LTE Band4	20175	1732.5	1RB-Low	Cheek Right	0mm	\	15.89	16.7	0.147	**0.18**	0.065	**0.08**	-0.02
6	DSI5	Head	LTE Band4	20175	1732.5	1RB-Low	Tilt Right	0mm	A.102	15.89	16.7	0.219	**0.26**	0.1	**0.12**	0.03
6	DSI5	Head	LTE Band4	20050	1720	50RB-Middle	Cheek Left	0mm	\	15.98	16.7	0.123	**0.15**	0.056	**0.07**	0.05
6	DSI5	Head	LTE Band4	20050	1720	50RB-Middle	Tilt Left	0mm	\	15.98	16.7	0.162	**0.19**	0.07	**0.08**	-0.07
6	DSI5	Head	LTE Band4	20050	1720	50RB-Middle	Cheek Right	0mm	\	15.98	16.7	0.15	**0.18**	0.066	**0.08**	-0.19
6	DSI5	Head	LTE Band4	20050	1720	50RB-Middle	Tilt Right	0mm	\	15.98	16.7	0.218	**0.26**	0.097	**0.11**	-0.18
6	DSI5	Head	LTE Band4	20175	1732.5	1RB-Low	Tilt Right	0mm	S	15.89	16.7	0.206	**0.25**	0.088	**0.11**	0.06
6	DSI5	Head	LTE Band4	20175	1732.5	1RB-Low	Tilt Right	0mm	B	15.89	16.7	0.189	**0.23**	0.08	**0.10**	0.04

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ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
9	DSI5	Head	LTE Band7	21100	2535	1RB-High	Cheek Left	0mm	\	17.91	18.8	0.282	**0.35**	0.11	**0.14**	-0.02
9	DSI5	Head	LTE Band7	21100	2535	1RB-High	Tilt Left	0mm	\	17.91	18.8	0.256	**0.31**	0.093	**0.11**	-0.10
9	DSI5	Head	LTE Band7	21100	2535	1RB-High	Cheek Right	0mm	\	17.91	18.8	0.077	**0.09**	0.032	**0.04**	-0.10
9	DSI5	Head	LTE Band7	21100	2535	1RB-High	Tilt Right	0mm	\	17.91	18.8	0.088	**0.11**	0.036	**0.04**	-0.09
9	DSI5	Head	LTE Band7	21100	2535	50RB-High	Cheek Left	0mm	**A.103**	18.05	18.8	0.295	**0.35**	0.113	**0.13**	-0.02
9	DSI5	Head	LTE Band7	21100	2535	50RB-High	Tilt Left	0mm	\	18.05	18.8	0.264	**0.31**	0.097	**0.12**	-0.09
9	DSI5	Head	LTE Band7	21100	2535	50RB-High	Cheek Right	0mm	\	18.05	18.8	0.071	**0.08**	0.028	**0.03**	-0.06
9	DSI5	Head	LTE Band7	21100	2535	50RB-High	Tilt Right	0mm	\	18.05	18.8	0.077	**0.09**	0.03	**0.04**	-0.19
9	DSI5	Head	LTE Band7	21100	2535	50RB-High	Cheek Left	0mm	**S**	18.05	18.8	0.292	**0.35**	0.109	**0.13**	0.17
9	DSI5	Head	LTE Band7	21100	2535	50RB-High	Cheek Left	0mm	**B**	18.05	18.8	0.276	**0.33**	0.1	**0.12**	0.12
9	DSI5	Head	LTE Band7	21375	2562.5	1RB-Low	Cheek Left	0mm	**UL CA**	17.4	18.8	0.245	**0.34**	0.087	**0.12**	0.13
1	DSI5	Head	LTE Band7	20850	2510	1RB-Low	Cheek Left	0mm	\	18.51	19.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band7	20850	2510	1RB-Low	Tilt Left	0mm	\	18.51	19.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band7	20850	2510	1RB-Low	Cheek Right	0mm	\	18.51	19.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band7	20850	2510	1RB-Low	Tilt Right	0mm	\	18.51	19.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band7	20850	2510	50RB-Low	Cheek Left	0mm	\	18.39	19.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band7	20850	2510	50RB-Low	Tilt Left	0mm	\	18.39	19.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band7	20850	2510	50RB-Low	Cheek Right	0mm	\	18.39	19.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	LTE Band7	20850	2510	50RB-Low	Tilt Right	0mm	\	18.39	19.7	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI5	Head	LTE Band7	20850	2510	1RB-Middle	Cheek Left	0mm	\	13.04	13.9	0.205	**0.25**	0.098	**0.12**	-0.18
6	DSI5	Head	LTE Band7	20850	2510	1RB-Middle	Tilt Left	0mm	\	13.04	13.9	0.246	**0.30**	0.113	**0.14**	0.05
6	DSI5	Head	LTE Band7	20850	2510	1RB-Middle	Cheek Right	0mm	\	13.04	13.9	0.278	**0.34**	0.116	**0.14**	-0.17
6	DSI5	Head	LTE Band7	20850	2510	1RB-Middle	Tilt Right	0mm	\	13.04	13.9	0.335	**0.41**	0.136	**0.17**	-0.07
6	DSI5	Head	LTE Band7	20850	2510	50RB-Middle	Cheek Left	0mm	\	13.2	13.9	0.208	**0.24**	0.1	**0.12**	0.04
6	DSI5	Head	LTE Band7	20850	2510	50RB-Middle	Tilt Left	0mm	\	13.2	13.9	0.246	**0.29**	0.112	**0.13**	0.16
6	DSI5	Head	LTE Band7	20850	2510	50RB-Middle	Cheek Right	0mm	\	13.2	13.9	0.279	**0.33**	0.117	**0.14**	0.18
6	DSI5	Head	LTE Band7	20850	2510	50RB-Middle	Tilt Right	0mm	**A.104**	13.2	13.9	0.352	**0.41**	0.144	**0.17**	0.16
6	DSI5	Head	LTE Band7	20850	2510	50RB-Middle	Tilt Right	0mm	**S**	13.2	13.9	0.334	**0.39**	0.134	**0.16**	-0.18
6	DSI5	Head	LTE Band7	20850	2510	50RB-Middle	Tilt Right	0mm	**B**	13.2	13.9	0.315	**0.37**	0.121	**0.14**	0.13
6	DSI5	Head	LTE Band7	21375	2562.5	1RB-Low	Tilt Right	0mm	**UL CA**	12.88	13.9	0.326	**0.41**	0.128	**0.16**	-0.07
2	DSI5	Head	LTE Band12	23130	711	1RB-Middle	Cheek Left	0mm	\	20.47	21.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI5	Head	LTE Band12	23130	711	1RB-Middle	Tilt Left	0mm	\	20.47	21.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI5	Head	LTE Band12	23130	711	1RB-Middle	Cheek Right	0mm	**A.105**	20.47	21.1	0.039	**0.05**	0.023	**0.03**	0.09
2	DSI5	Head	LTE Band12	23130	711	1RB-Middle	Tilt Right	0mm	\	20.47	21.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI5	Head	LTE Band12	23060	704	25RB-Middle	Cheek Left	0mm	\	20.50	21.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI5	Head	LTE Band12	23060	704	25RB-Middle	Tilt Left	0mm	\	20.50	21.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI5	Head	LTE Band12	23060	704	25RB-Middle	Cheek Right	0mm	\	20.50	21.1	0.026	**0.03**	0.015	**0.02**	0.00
2	DSI5	Head	LTE Band12	23060	704	25RB-Middle	Tilt Right	0mm	\	20.50	21.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI5	Head	LTE Band12	23130	711	1RB-Middle	Cheek Right	0mm	**S**	20.47	21.1	0.036	**0.04**	0.021	**0.02**	0.00
2	DSI5	Head	LTE Band12	23130	711	1RB-Middle	Cheek Right	0mm	**B**	20.47	21.1	0.028	**0.03**	0.017	**0.02**	0.00
2	DSI5	Head	LTE Band26	26865	831.5	1RB-Low	Cheek Left	0mm	\	20.46	21.4	0.053	**0.07**	0.037	**0.05**	-0.08
2	DSI5	Head	LTE Band26	26865	831.5	1RB-Low	Tilt Left	0mm	\	20.46	21.4	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI5	Head	LTE Band26	26865	831.5	1RB-Low	Cheek Right	0mm	\	20.46	21.4	0.124	**0.15**	0.068	**0.08**	-0.16
2	DSI5	Head	LTE Band26	26865	831.5	1RB-Low	Tilt Right	0mm	\	20.46	21.4	0.044	**0.05**	0.029	**0.04**	0.09
2	DSI5	Head	LTE Band26	26865	831.5	36RB-Low	Cheek Left	0mm	\	20.52	21.4	0.058	**0.07**	0.041	**0.05**	-0.16
2	DSI5	Head	LTE Band26	26865	831.5	36RB-Low	Tilt Left	0mm	\	20.52	21.4	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI5	Head	LTE Band26	26865	831.5	36RB-Low	Cheek Right	0mm	**A.106**	20.52	21.4	0.129	**0.16**	0.073	**0.09**	0.06
2	DSI5	Head	LTE Band26	26865	831.5	36RB-Low	Tilt Right	0mm	\	20.52	21.4	0.049	**0.06**	0.032	**0.04**	0.02
2	DSI5	Head	LTE Band26	26865	831.5	36RB-Low	Cheek Right	0mm	**S**	20.52	21.4	0.116	**0.14**	0.062	**0.08**	0.06
2	DSI5	Head	LTE Band26	26865	831.5	36RB-Low	Cheek Right	0mm	**B**	20.52	21.4	0.104	**0.13**	0.054	**0.07**	0.13
6	DSI5	Head	LTE Band38	37850	2580	1RB-Low	Cheek Left	0mm	\	14.65	15.5	0.072	**0.09**	0.033	**0.04**	0.14
6	DSI5	Head	LTE Band38	37850	2580	1RB-Low	Tilt Left	0mm	\	14.65	15.5	0.125	**0.15**	0.055	**0.07**	-0.19
6	DSI5	Head	LTE Band38	37850	2580	1RB-Low	Cheek Right	0mm	\	14.65	15.5	0.056	**0.07**	0.024	**0.03**	0.04
6	DSI5	Head	LTE Band38	37850	2580	1RB-Low	Tilt Right	0mm	\	14.65	15.5	0.109	**0.13**	0.047	**0.06**	0.15
6	DSI5	Head	LTE Band38	37850	2580	50RB-Middle	Cheek Left	0mm	\	14.60	15.5	0.124	**0.15**	0.055	**0.07**	0.10
6	DSI5	Head	LTE Band38	37850	2580	50RB-Middle	Tilt Left	0mm	\	14.60	15.5	0.198	**0.24**	0.085	**0.10**	0.11
6	DSI5	Head	LTE Band38	37850	2580	50RB-Middle	Cheek Right	0mm	\	14.60	15.5	0.093	**0.11**	0.041	**0.05**	-0.04
6	DSI5	Head	LTE Band38	37850	2580	50RB-Middle	Tilt Right	0mm	**A.107**	14.60	15.5	0.202	**0.25**	0.085	**0.10**	-0.08
6	DSI5	Head	LTE Band38	37850	2580	50RB-Middle	Tilt Right	0mm	**S**	14.60	15.5	0.196	**0.24**	0.081	**0.10**	0.04
6	DSI5	Head	LTE Band38	37850	2580	50RB-Middle	Tilt Right	0mm	**B**	14.60	15.5	0.179	**0.22**	0.069	**0.08**	-0.17
6	DSI5	Head	LTE Band38	38150	2610	1RB-Low	Tilt Right	0mm	**UL** CA	14.46	15.5	0.195	**0.25**	0.082	**0.10**	0.12
6	DSI5	Head	LTE Band41	40185	2549.5	1RB-Low	Cheek Left	0mm	\	14.65	15.4	0.139	**0.17**	0.059	**0.07**	0.11
6	DSI5	Head	LTE Band41	40185	2549.5	1RB-Low	Tilt Left	0mm	\	14.65	15.4	0.212	**0.25**	0.079	**0.09**	-0.16
6	DSI5	Head	LTE Band41	40185	2549.5	1RB-Low	Cheek Right	0mm	\	14.65	15.4	0.096	**0.11**	0.038	**0.05**	-0.15
6	DSI5	Head	LTE Band41	40185	2549.5	1RB-Low	Tilt Right	0mm	**A.108**	14.65	15.4	0.218	**0.26**	0.087	**0.10**	0.06
6	DSI5	Head	LTE Band41	40185	2549.5	50RB-Middle	Cheek Left	0mm	\	14.67	15.4	0.141	**0.17**	0.059	**0.07**	0.07
6	DSI5	Head	LTE Band41	40185	2549.5	50RB-Middle	Tilt Left	0mm	\	14.67	15.4	0.202	**0.24**	0.083	**0.10**	0.04
6	DSI5	Head	LTE Band41	40185	2549.5	50RB-Middle	Cheek Right	0mm	\	14.67	15.4	0.098	**0.12**	0.039	**0.05**	0.19
6	DSI5	Head	LTE Band41	40185	2549.5	50RB-Middle	Tilt Right	0mm	\	14.67	15.4	0.207	**0.24**	0.076	**0.09**	-0.06
6	DSI5	Head	LTE Band41	40185	2549.5	1RB-Low	Tilt Right	0mm	**S**	14.65	15.4	0.206	**0.24**	0.074	**0.09**	0.12
6	DSI5	Head	LTE Band41	40185	2549.5	1RB-Low	Tilt Right	0mm	**B**	14.65	15.4	0.187	**0.22**	0.062	**0.07**	0.08
6	DSI5	Head	LTE Band41	39750	2506	1RB-High	Tilt Right	0mm	**UL** CA	14.38	15.4	0.204	**0.26**	0.084	**0.11**	0.07
6	DSI5	Head	LTE Band66	132322	1745	1RB-Low	Cheek Left	0mm	\	15.61	16.4	0.14	**0.17**	0.071	**0.09**	-0.14
6	DSI5	Head	LTE Band66	132322	1745	1RB-Low	Tilt Left	0mm	\	15.61	16.4	0.187	**0.22**	0.089	**0.11**	0.12
6	DSI5	Head	LTE Band66	132322	1745	1RB-Low	Cheek Right	0mm	\	15.61	16.4	0.164	**0.20**	0.08	**0.10**	-0.15
6	DSI5	Head	LTE Band66	132322	1745	1RB-Low	Tilt Right	0mm	\	15.61	16.4	0.234	**0.28**	0.107	**0.13**	-0.19
6	DSI5	Head	LTE Band66	132322	1745	50RB-High	Cheek Left	0mm	\	15.60	16.4	0.151	**0.18**	0.077	**0.09**	0.01
6	DSI5	Head	LTE Band66	132322	1745	50RB-High	Tilt Left	0mm	\	15.60	16.4	0.216	**0.26**	0.103	**0.12**	-0.02
6	DSI5	Head	LTE Band66	132322	1745	50RB-High	Cheek Right	0mm	\	15.60	16.4	0.178	**0.21**	0.087	**0.10**	0.13
6	DSI5	Head	LTE Band66	132322	1745	50RB-High	Tilt Right	0mm	**A.109**	15.60	16.4	0.255	**0.31**	0.117	**0.14**	0.01
6	DSI5	Head	LTE Band66	132322	1745	50RB-High	Tilt Right	0mm	**S**	15.60	16.4	0.252	**0.30**	0.114	**0.14**	0.15
6	DSI5	Head	LTE Band66	132322	1745	50RB-High	Tilt Right	0mm	**B**	15.60	16.4	0.231	**0.28**	0.102	**0.12**	0.13

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DSI9 (Body worn)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
2	DSI9	Body	GSM850	190	836.6	GPRS(1TX)	Front	15mm	\	30.22	31.2	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI9	Body	GSM850	251	848.8	GPRS(1TX)	Rear	15mm	A.110	30.10	31.2	0.088	**0.11**	0.056	**0.07**	0.15
2	DSI9	Body	GSM850	190	836.6	GPRS(1TX)	Rear	15mm	\	30.22	31.2	0.057	**0.07**	0.036	**0.05**	-0.06
2	DSI9	Body	GSM850	128	824.2	GPRS(1TX)	Rear	15mm	\	30.09	31.2	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI9	Body	GSM850	251	848.8	EGPRS(1TX)	Rear	15mm	\	30.04	31.2	0.086	**0.11**	0.052	**0.07**	0.08
2	DSI9	Body	GSM850	251	848.8	GPRS(1TX)	Rear	15mm	S	30.10	31.2	0.081	**0.10**	0.05	**0.06**	0.04
2	DSI9	Body	GSM850	251	848.8	GPRS(1TX)	Rear	15mm	B	30.10	31.2	0.072	**0.09**	0.043	**0.06**	-0.18
6	DSI9	Body	GSM1900	661	1880	GPRS(4TX)	Front	15mm	\	19.64	21.1	0.044	**0.06**	0.022	**0.03**	-0.12
6	DSI9	Body	GSM1900	810	1909.8	GPRS(4TX)	Rear	15mm	A.111	19.54	21.1	0.064	**0.09**	0.032	**0.05**	0.04
6	DSI9	Body	GSM1900	661	1880	GPRS(4TX)	Rear	15mm	\	19.64	21.1	0.062	**0.09**	0.031	**0.04**	0.06
6	DSI9	Body	GSM1900	512	1850.2	GPRS(4TX)	Rear	15mm	\	19.46	21.1	0.048	**0.07**	0.023	**0.03**	-0.03
6	DSI9	Body	GSM1900	810	1909.8	EGPRS(4TX)	Rear	15mm	\	19.53	21.1	0.061	**0.09**	0.029	**0.04**	-0.11
6	DSI9	Body	GSM1900	810	1909.8	GPRS(4TX)	Rear	15mm	S	19.54	21.1	0.059	**0.08**	0.027	**0.04**	0.07
6	DSI9	Body	GSM1900	810	1909.8	GPRS(4TX)	Rear	15mm	B	19.54	21.1	0.043	**0.06**	0.02	**0.03**	-0.18
6	DSI9	Body	WCDMA1900	9400	1880	RMC	Front	15mm	\	17.89	18.2	0.091	**0.10**	0.049	**0.05**	0.02
6	DSI9	Body	WCDMA1900	9538	1907.6	RMC	Rear	15mm	A.112	17.86	18.2	0.114	**0.12**	0.062	**0.07**	0.03
6	DSI9	Body	WCDMA1900	9400	1880	RMC	Rear	15mm	\	17.89	18.2	0.109	**0.12**	0.059	**0.06**	-0.07
6	DSI9	Body	WCDMA1900	9262	1852.4	RMC	Rear	15mm	\	17.92	18.2	0.097	**0.10**	0.051	**0.05**	0.06
6	DSI9	Body	WCDMA1900	9538	1907.6	RMC	Rear	15mm	S	17.86	18.2	0.112	**0.12**	0.061	**0.07**	-0.06
6	DSI9	Body	WCDMA1900	9538	1907.6	RMC	Rear	15mm	B	17.86	18.2	0.101	**0.11**	0.053	**0.06**	-0.18
6	DSI9	Body	WCDMA1700	1413	1732.6	RMC	Front	15mm	\	18.78	18.9	0.043	**0.04**	0.024	**0.02**	0.14
6	DSI9	Body	WCDMA1700	1513	1752.6	RMC	Rear	15mm	A.113	18.86	18.9	0.062	**0.06**	0.034	**0.03**	0.04
6	DSI9	Body	WCDMA1700	1413	1732.6	RMC	Rear	15mm	\	18.78	18.9	0.051	**0.05**	0.028	**0.03**	0.10
6	DSI9	Body	WCDMA1700	1312	1712.4	RMC	Rear	15mm	\	18.65	18.9	0.042	**0.04**	0.023	**0.02**	-0.09
6	DSI9	Body	WCDMA1700	1513	1752.6	RMC	Rear	15mm	S	18.86	18.9	0.059	**0.06**	0.031	**0.03**	0.05
6	DSI9	Body	WCDMA1700	1513	1752.6	RMC	Rear	15mm	B	18.86	18.9	0.046	**0.05**	0.027	**0.03**	-0.15
2	DSI9	Body	WCDMA 850	4183	836.6	RMC	Front	15mm	\	22.96	23.4	0.051	**0.06**	0.035	**0.04**	0.06
2	DSI9	Body	WCDMA 850	4233	846.6	RMC	Rear	15mm	A.114	22.88	23.4	0.096	**0.11**	0.06	**0.07**	0.10
2	DSI9	Body	WCDMA 850	4183	836.6	RMC	Rear	15mm	\	22.96	23.4	0.093	**0.10**	0.059	**0.07**	-0.15
2	DSI9	Body	WCDMA 850	4132	826.4	RMC	Rear	15mm	\	22.77	23.4	0.08	**0.09**	0.05	**0.06**	-0.14
2	DSI9	Body	WCDMA 850	4233	846.6	RMC	Rear	15mm	S	22.88	23.4	0.093	**0.10**	0.058	**0.07**	0.14
2	DSI9	Body	WCDMA 850	4233	846.6	RMC	Rear	15mm	B	22.88	23.4	0.084	**0.09**	0.051	**0.06**	0.09
6	DSI9	Body	LTE Band2	18700	1860	1RB-Low	Front	15mm	\	17.78	18.2	0.065	**0.07**	0.034	**0.04**	-0.16
6	DSI9	Body	LTE Band2	18700	1860	1RB-Low	Rear	15mm	\	17.78	18.2	0.106	**0.12**	0.058	**0.06**	0.09
6	DSI9	Body	LTE Band2	18700	1860	50RB-High	Front	15mm	\	17.77	18.2	0.064	**0.07**	0.033	**0.04**	0.08
6	DSI9	Body	LTE Band2	18700	1860	50RB-High	Rear	15mm	A.115	17.77	18.2	0.11	**0.12**	0.061	**0.07**	0.06
6	DSI9	Body	LTE Band2	18700	1860	50RB-High	Rear	15mm	S	17.77	18.2	0.096	**0.11**	0.056	**0.06**	0.04
6	DSI9	Body	LTE Band2	18700	1860	50RB-High	Rear	15mm	B	17.77	18.2	0.079	**0.09**	0.046	**0.05**	-0.10
6	DSI9	Body	LTE Band4	20175	1720	1RB-Low	Front	15mm	\	18.95	19.7	0.023	**0.03**	<0.01	**<0.01**	/
6	DSI9	Body	LTE Band4	20175	1720	1RB-Low	Rear	15mm	\	18.95	19.7	0.021	**0.02**	<0.01	**<0.01**	/
6	DSI9	Body	LTE Band4	20175	1720	50RB-Middle	Front	15mm	A.116	19.04	19.7	0.024	**0.03**	0.012	**0.01**	0.00
6	DSI9	Body	LTE Band4	20175	1720	50RB-Middle	Rear	15mm	\	19.04	19.7	0.023	**0.03**	<0.01	**<0.01**	/
6	DSI9	Body	LTE Band4	20175	1720	50RB-Middle	Front	15mm	S	19.04	19.7	0.02	**0.02**	0.01	**0.01**	0.00
6	DSI9	Body	LTE Band4	20175	1720	50RB-Middle	Front	15mm	B	19.04	19.7	0.014	**0.02**	<0.01	**<0.01**	/
9	DSI9	Body	LTE Band7	21100	2535	1RB-High	Front	15mm	\	19.95	20.8	0.056	**0.07**	0.022	**0.03**	-0.15
9	DSI9	Body	LTE Band7	21100	2535	1RB-High	Rear	15mm	\	19.95	20.8	0.064	**0.08**	0.027	**0.03**	-0.15
9	DSI9	Body	LTE Band7	21100	2535	50RB-High	Front	15mm	\	20.1	20.8	0.062	**0.07**	0.023	**0.03**	-0.04
9	DSI9	Body	LTE Band7	21100	2535	50RB-High	Rear	15mm	A.117	20.1	20.8	0.067	**0.08**	0.028	**0.03**	0.12
9	DSI9	Body	LTE Band7	21100	2535	50RB-High	Rear	15mm	S	20.1	20.8	0.059	**0.07**	0.023	**0.03**	0.09
9	DSI9	Body	LTE Band7	21100	2535	50RB-High	Rear	15mm	B	20.1	20.8	0.046	**0.05**	0.015	**0.02**	0.00
9	DSI9	Body	LTE Band7	21375	2562.5	1RB-Low	Rear	15mm	UL CA	19.23	20.8	0.054	**0.08**	0.019	**0.03**	0.04
1	DSI9	Body	LTE Band7	20850	2510	1RB-Low	Front	15mm	\	20.27	21.7	0.063	**0.09**	0.031	**0.04**	0.09
1	DSI9	Body	LTE Band7	20850	2510	1RB-Low	Rear	15mm	\	20.27	21.7	0.075	**0.10**	0.037	**0.05**	-0.06
1	DSI9	Body	LTE Band7	20850	2510	50RB-Middle	Front	15mm	\	20.32	21.7	0.069	**0.09**	0.035	**0.05**	0.15
1	DSI9	Body	LTE Band7	20850	2510	50RB-Middle	Rear	15mm	A.118	20.32	21.7	0.083	**0.11**	0.041	**0.06**	-0.04
1	DSI9	Body	LTE Band7	20850	2510	50RB-Middle	Rear	15mm	S	20.32	21.7	0.081	**0.11**	0.04	**0.05**	0.05
1	DSI9	Body	LTE Band7	20850	2510	50RB-Middle	Rear	15mm	B	20.32	21.7	0.073	**0.10**	0.037	**0.05**	-0.15
1	DSI9	Body	LTE Band7	21350	2560	1RB-Low	Rear	15mm	UL CA	19.67	21.7	0.067	**0.11**	0.034	**0.05**	0.19
6	DSI9	Body	LTE Band7	20850	2510	1RB-Low	Front	15mm	\	16.35	17.1	0.055	**0.07**	0.031	**0.04**	-0.15
6	DSI9	Body	LTE Band7	20850	2510	1RB-Low	Rear	15mm	\	16.35	17.1	0.077	**0.09**	0.045	**0.05**	-0.10
6	DSI9	Body	LTE Band7	20850	2510	50RB-Middle	Front	15mm	\	16.34	17.1	0.059	**0.07**	0.033	**0.04**	0.01
6	DSI9	Body	LTE Band7	20850	2510	50RB-Middle	Rear	15mm	A.119	16.34	17.1	0.083	**0.10**	0.049	**0.06**	-0.11
6	DSI9	Body	LTE Band7	20850	2510	50RB-Middle	Rear	15mm	S	16.34	17.1	0.076	**0.09**	0.043	**0.05**	-0.19
6	DSI9	Body	LTE Band7	20850	2510	50RB-Middle	Rear	15mm	B	16.34	17.1	0.051	**0.06**	0.029	**0.03**	0.08
6	DSI9	Body	LTE Band7	21375	2562.5	1RB-Low	Rear	15mm	UL CA	15.98	17.1	0.067	**0.09**	0.037	**0.05**	0.06
2	DSI9	Body	LTE Band12	23130	711	1RB-Low	Front	15mm	\	22.62	23.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI9	Body	LTE Band12	23130	711	1RB-Low	Rear	15mm	\	22.62	23.1	0.021	**0.02**	0.014	**0.02**	0.00
2	DSI9	Body	LTE Band12	23130	711	25RB-Middle	Front	15mm	\	22.58	23.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI9	Body	LTE Band12	23130	711	25RB-Middle	Rear	15mm	A.120	22.58	23.1	0.023	**0.03**	0.015	**0.02**	0.00
2	DSI9	Body	LTE Band12	23130	711	25RB-Middle	Rear	15mm	S	22.58	23.1	0.019	**0.02**	0.012	**0.01**	0.00
2	DSI9	Body	LTE Band12	23130	711	25RB-Middle	Rear	15mm	B	22.58	23.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI9	Body	LTE Band26	26865	831.5	1RB-Low	Front	15mm	\	22.51	23.4	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI9	Body	LTE Band26	26865	831.5	1RB-Low	Rear	15mm	\	22.51	23.4	0.073	**0.09**	0.046	**0.06**	-0.10
2	DSI9	Body	LTE Band26	26865	831.5	36RB-Middle	Front	15mm	\	22.60	23.4	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI9	Body	LTE Band26	26865	831.5	36RB-Middle	Rear	15mm	A.121	22.60	23.4	0.081	**0.10**	0.051	**0.06**	0.03
2	DSI9	Body	LTE Band26	26865	831.5	36RB-Middle	Rear	15mm	S	22.60	23.4	0.078	**0.09**	0.048	**0.06**	0.16
2	DSI9	Body	LTE Band26	26865	831.5	36RB-Middle	Rear	15mm	B	22.60	23.4	0.063	**0.08**	0.039	**0.05**	-0.15
6	DSI9	Body	LTE Band38	37850	2580	1RB-Low	Front	15mm	\	17.75	18.6	0.035	**0.04**	0.017	**0.02**	0.00
6	DSI9	Body	LTE Band38	37850	2580	1RB-Low	Rear	15mm	A.122	17.75	18.6	0.042	**0.05**	0.02	**0.02**	0.00
6	DSI9	Body	LTE Band38	37850	2580	50RB-Middle	Front	15mm	\	17.72	18.6	0.032	**0.04**	0.014	**0.02**	0.00
6	DSI9	Body	LTE Band38	37850	2580	50RB-Middle	Rear	15mm	\	17.72	18.6	0.037	**0.05**	0.019	**0.02**	0.00
6	DSI9	Body	LTE Band38	37850	2580	1RB-Low	Rear	15mm	S	17.75	18.6	0.034	**0.04**	0.016	**0.02**	0.00
6	DSI9	Body	LTE Band38	37850	2580	1RB-Low	Rear	15mm	B	17.75	18.6	0.024	**0.03**	<0.01	**<0.01**	0.00
6	DSI9	Body	LTE Band38	38150	2610	1RB-Low	Rear	15mm	UL CA	17.44	18.6	0.039	**0.05**	0.018	**0.02**	0.00

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ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
6	DSI9	Body	LTE Band41	40185	2549.5	1RB-Middle	Front	15mm	A.123	17.65	18.6	0.028	**0.03**	0.011	**0.01**	0.09
6	DSI9	Body	LTE Band41	40185	2549.5	1RB-Middle	Rear	15mm	\	17.65	18.6	0.024	**0.03**	<0.01	**<0.01**	0.00
6	DSI9	Body	LTE Band41	40185	2549.5	50RB-Middle	Front	15mm	\	17.80	18.6	0.026	**0.03**	<0.01	**<0.01**	0.00
6	DSI9	Body	LTE Band41	40185	2549.5	50RB-Middle	Rear	15mm	\	17.80	18.6	0.025	**0.03**	<0.01	**<0.01**	0.00
6	DSI9	Body	LTE Band41	40185	2549.5	1RB-Middle	Front	15mm	S	17.65	18.6	0.023	**0.03**	<0.01	**<0.01**	0.00
6	DSI9	Body	LTE Band41	40185	2549.5	1RB-Middle	Front	15mm	B	17.65	18.6	0.018	**0.02**	<0.01	**<0.01**	0.00
6	DSI9	Body	LTE Band41	39750	2506	1RB-High	Front	15mm	UL CA	17.47	18.6	0.024	**0.03**	<0.01	**<0.01**	0.00
6	DSI9	Body	LTE Band66	132072	1720	1RB-Low	Front	15mm	\	18.93	19.7	0.039	**0.05**	0.021	**0.03**	0.13
6	DSI9	Body	LTE Band66	132072	1720	1RB-Low	Rear	15mm	\	18.93	19.7	0.042	**0.05**	0.023	**0.03**	0.06
6	DSI9	Body	LTE Band66	132072	1720	50RB-Middle	Front	15mm	\	19.11	19.7	0.041	**0.05**	0.022	**0.03**	0.15
6	DSI9	Body	LTE Band66	132072	1720	50RB-Middle	Rear	15mm	A.124	19.11	19.7	0.048	**0.05**	0.026	**0.03**	-0.18
6	DSI9	Body	LTE Band66	132072	1720	50RB-Middle	Rear	15mm	S	19.11	19.7	0.046	**0.05**	0.023	**0.03**	0.08
6	DSI9	Body	LTE Band66	132072	1720	50RB-Middle	Rear	15mm	B	19.11	19.7	0.034	**0.04**	0.017	**0.02**	0.00

DSI13 (Hotspot)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
2	DSI13	Hotspot	GSM850	190	836.6	GPRS(4TX)	Front	10mm	\	21.52	23.2	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	GSM850	251	848.8	GPRS(4TX)	Rear	10mm	A.125	21.53	23.2	0.031	**0.05**	0.019	**0.03**	-0.02
2	DSI13	Hotspot	GSM850	190	836.6	GPRS(4TX)	Rear	10mm	\	21.52	23.2	0.028	**0.04**	0.018	**0.03**	-0.19
2	DSI13	Hotspot	GSM850	128	824.2	GPRS(4TX)	Rear	10mm	\	21.47	23.2	0.027	**0.04**	0.017	**0.03**	-0.18
2	DSI13	Hotspot	GSM850	190	836.6	GPRS(4TX)	Left	10mm	\	21.52	23.2	0.028	**0.04**	0.017	**0.03**	-0.03
2	DSI13	Hotspot	GSM850	190	836.6	GPRS(4TX)	Right	10mm	\	21.52	23.2	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	GSM850	190	836.6	GPRS(4TX)	Top	10mm	\	21.52	23.2	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	GSM850	251	848.8	EGPRS(4TX)	Rear	10mm	\	21.70	23.2	0.027	**0.04**	0.018	**0.03**	0.08
2	DSI13	Hotspot	GSM850	251	848.8	GPRS(4TX)	Rear	10mm	S	21.53	23.2	0.029	**0.04**	0.018	**0.03**	0.18
2	DSI13	Hotspot	GSM850	251	848.8	GPRS(4TX)	Rear	10mm	B	21.53	23.2	0.024	**0.04**	0.012	**0.02**	0.00
6	DSI13	Hotspot	GSM1900	661	1880	GPRS(3TX)	Front	10mm	\	17.03	17.3	0.056	**0.06**	0.031	**0.03**	-0.06
6	DSI13	Hotspot	GSM1900	661	1880	GPRS(3TX)	Rear	10mm	\	17.03	17.3	0.064	**0.07**	0.036	**0.04**	0.02
6	DSI13	Hotspot	GSM1900	661	1880	GPRS(3TX)	Left	10mm	\	17.03	17.3	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	GSM1900	661	1880	GPRS(3TX)	Right	10mm	\	17.03	17.3	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	GSM1900	810	1909.8	GPRS(3TX)	Top	10mm	A.126	16.72	17.3	0.122	**0.14**	0.061	**0.07**	0.05
6	DSI13	Hotspot	GSM1900	661	1880	GPRS(3TX)	Top	10mm	\	17.03	17.3	0.109	**0.12**	0.055	**0.06**	-0.13
6	DSI13	Hotspot	GSM1900	512	1850.2	GPRS(3TX)	Top	10mm	\	16.88	17.3	0.084	**0.09**	0.043	**0.05**	0.07
6	DSI13	Hotspot	GSM1900	810	1909.8	EGPRS(3TX)	Top	10mm	\	16.55	17.3	0.108	**0.13**	0.05	**0.06**	0.12
6	DSI13	Hotspot	GSM1900	810	1909.8	GPRS(3TX)	Top	10mm	S	16.72	17.3	0.115	**0.13**	0.055	**0.06**	0.04
6	DSI13	Hotspot	GSM1900	810	1909.8	GPRS(3TX)	Top	10mm	B	16.72	17.3	0.108	**0.12**	0.053	**0.06**	0.12
6	DSI13	Hotspot	WCDMA1900	9400	1880	RMC	Front	10mm	\	12.35	12.8	0.058	**0.06**	0.032	**0.04**	0.17
6	DSI13	Hotspot	WCDMA1900	9400	1880	RMC	Rear	10mm	\	12.35	12.8	0.072	**0.08**	0.039	**0.04**	0.03
6	DSI13	Hotspot	WCDMA1900	9400	1880	RMC	Left	10mm	\	12.35	12.8	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	WCDMA1900	9400	1880	RMC	Right	10mm	\	12.35	12.8	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	WCDMA1900	9538	1907.6	RMC	Top	10mm	A.127	12.28	12.8	0.128	**0.14**	0.064	**0.07**	-0.04
6	DSI13	Hotspot	WCDMA1900	9400	1880	RMC	Top	10mm	\	12.35	12.8	0.117	**0.13**	0.059	**0.07**	-0.05
6	DSI13	Hotspot	WCDMA1900	9262	1852.4	RMC	Top	10mm	\	12.21	12.8	0.101	**0.12**	0.05	**0.06**	0.01
6	DSI13	Hotspot	WCDMA1900	9538	1907.6	RMC	Top	10mm	S	12.28	12.8	0.125	**0.14**	0.062	**0.07**	0.05
6	DSI13	Hotspot	WCDMA1900	9538	1907.6	RMC	Top	10mm	B	12.28	12.8	0.117	**0.13**	0.057	**0.06**	0.14
6	DSI13	Hotspot	WCDMA1700	1413	1732.6	RMC	Front	10mm	\	15.39	15.9	0.027	**0.03**	0.015	**0.02**	0.00
6	DSI13	Hotspot	WCDMA1700	1413	1732.6	RMC	Rear	10mm	\	15.39	15.9	0.031	**0.03**	0.016	**0.02**	0.00
6	DSI13	Hotspot	WCDMA1700	1413	1732.6	RMC	Left	10mm	\	15.39	15.9	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	WCDMA1700	1413	1732.6	RMC	Right	10mm	\	15.39	15.9	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	WCDMA1700	1513	1752.6	RMC	Top	10mm	A.128	15.38	15.9	0.081	**0.09**	0.04	**0.05**	-0.12
6	DSI13	Hotspot	WCDMA1700	1413	1732.6	RMC	Top	10mm	\	15.39	15.9	0.054	**0.06**	0.027	**0.03**	-0.13
6	DSI13	Hotspot	WCDMA1700	1312	1712.4	RMC	Top	10mm	\	15.49	15.9	0.052	**0.06**	0.026	**0.03**	-0.04
6	DSI13	Hotspot	WCDMA1700	1513	1752.6	RMC	Top	10mm	S	15.38	15.9	0.079	**0.09**	0.037	**0.04**	-0.15
6	DSI13	Hotspot	WCDMA1700	1513	1752.6	RMC	Top	10mm	B	15.38	15.9	0.072	**0.08**	0.031	**0.03**	0.06
2	DSI13	Hotspot	WCDMA 850	4183	836.6	RMC	Front	10mm	\	20.62	21.4	0.075	**0.09**	0.047	**0.06**	-0.08
2	DSI13	Hotspot	WCDMA 850	4183	836.6	RMC	Rear	10mm	\	20.62	21.4	0.14	**0.17**	0.083	**0.10**	0.02
2	DSI13	Hotspot	WCDMA 850	4233	846.6	RMC	Left	10mm	A.129	20.62	21.4	0.194	**0.23**	0.108	**0.13**	-0.18
2	DSI13	Hotspot	WCDMA 850	4183	836.6	RMC	Left	10mm	\	20.62	21.4	0.185	**0.22**	0.102	**0.12**	0.09
2	DSI13	Hotspot	WCDMA 850	4132	826.4	RMC	Left	10mm	\	20.57	21.4	0.183	**0.22**	0.103	**0.12**	-0.14
2	DSI13	Hotspot	WCDMA 850	4183	836.6	RMC	Right	10mm	\	20.62	21.4	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	WCDMA 850	4183	836.6	RMC	Top	10mm	\	20.62	21.4	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	WCDMA 850	4233	846.6	RMC	Left	10mm	S	20.62	21.4	0.19	**0.23**	0.105	**0.13**	0.07
2	DSI13	Hotspot	WCDMA 850	4233	846.6	RMC	Left	10mm	B	20.62	21.4	0.179	**0.21**	0.092	**0.11**	-0.05
6	DSI13	Hotspot	LTE Band2	18700	1860	1RB-Low	Front	10mm	\	12.49	12.8	0.054	**0.06**	0.029	**0.03**	-0.15
6	DSI13	Hotspot	LTE Band2	18700	1860	1RB-Low	Rear	10mm	\	12.49	12.8	0.051	**0.05**	0.027	**0.03**	0.09
6	DSI13	Hotspot	LTE Band2	18700	1860	1RB-Low	Left	10mm	\	12.49	12.8	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band2	18700	1860	1RB-Low	Right	10mm	\	12.49	12.8	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band2	18700	1860	1RB-Low	Top	10mm	\	12.49	12.8	0.102	**0.11**	0.05	**0.05**	-0.17
6	DSI13	Hotspot	LTE Band2	18700	1860	50RB-Middle	Front	10mm	\	12.44	12.8	0.059	**0.06**	0.032	**0.03**	0.11
6	DSI13	Hotspot	LTE Band2	18700	1860	50RB-Middle	Rear	10mm	\	12.44	12.8	0.054	**0.06**	0.029	**0.03**	-0.17
6	DSI13	Hotspot	LTE Band2	18700	1860	50RB-Middle	Left	10mm	\	12.44	12.8	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band2	18700	1860	50RB-Middle	Right	10mm	\	12.44	12.8	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band2	18700	1860	50RB-Middle	Top	10mm	A.130	12.44	12.8	0.107	**0.12**	0.053	**0.06**	0.12
6	DSI13	Hotspot	LTE Band2	18700	1860	50RB-Middle	Top	10mm	S	12.44	12.8	0.104	**0.11**	0.051	**0.06**	-0.13
6	DSI13	Hotspot	LTE Band2	18700	1860	50RB-Middle	Top	10mm	B	12.44	12.8	0.092	**0.10**	0.045	**0.05**	0.05

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ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
6	DSI13	Hotspot	LTE Band4	20175	1732.5	1RB-Low	Front	10mm	\	15.89	16.7	0.032	**0.04**	0.016	**0.02**	0.00
6	DSI13	Hotspot	LTE Band4	20175	1732.5	1RB-Low	Rear	10mm	\	15.89	16.7	0.023	**0.03**	0.011	**0.01**	0.00
6	DSI13	Hotspot	LTE Band4	20175	1732.5	1RB-Low	Left	10mm	\	15.89	16.7	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band4	20175	1732.5	1RB-Low	Right	10mm	\	15.89	16.7	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band4	20175	1732.5	1RB-Low	Top	10mm	\	15.89	16.7	0.031	**0.04**	0.015	**0.02**	0.00
6	DSI13	Hotspot	LTE Band4	20175	1720	50RB-Middle	Front	10mm	**A.131**	15.98	16.7	0.035	**0.04**	0.017	**0.02**	0.03
6	DSI13	Hotspot	LTE Band4	20175	1720	50RB-Middle	Rear	10mm	\	15.98	16.7	0.024	**0.03**	0.012	**0.01**	0.00
6	DSI13	Hotspot	LTE Band4	20175	1720	50RB-Middle	Left	10mm	\	15.98	16.7	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band4	20175	1720	50RB-Middle	Right	10mm	\	15.98	16.7	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band4	20175	1720	50RB-Middle	Top	10mm	\	15.98	16.7	0.029	**0.03**	0.014	**0.02**	0.00
6	DSI13	Hotspot	LTE Band4	20175	1720	50RB-Middle	Front	10mm	**S**	15.98	16.7	0.034	**0.04**	0.016	**0.02**	0.07
6	DSI13	Hotspot	LTE Band4	20175	1720	50RB-Middle	Front	10mm	**B**	15.98	16.7	0.026	**0.03**	0.01	**0.01**	0.00
9	DSI13	Hotspot	LTE Band7	21100	2535	1RB-High	Front	10mm	\	17.91	18.8	0.047	**0.06**	0.021	**0.03**	-0.17
9	DSI13	Hotspot	LTE Band7	21100	2535	1RB-High	Rear	10mm	\	17.91	18.8	0.07	**0.09**	0.03	**0.04**	-0.09
9	DSI13	Hotspot	LTE Band7	21100	2535	1RB-High	Left	10mm	\	17.91	18.8	<0.01	**<0.01**	<0.01	**<0.01**	/
9	DSI13	Hotspot	LTE Band7	21100	2535	1RB-High	Right	10mm	**A.132**	17.91	18.8	0.089	**0.11**	0.038	**0.05**	-0.03
9	DSI13	Hotspot	LTE Band7	21100	2535	1RB-High	Top	10mm	\	17.91	18.8	0.082	**0.10**	0.03	**0.04**	-0.16
9	DSI13	Hotspot	LTE Band7	21100	2535	50RB-High	Front	10mm	\	18.05	18.8	0.046	**0.05**	0.021	**0.02**	0.13
9	DSI13	Hotspot	LTE Band7	21100	2535	50RB-High	Rear	10mm	\	18.05	18.8	0.063	**0.07**	0.028	**0.03**	-0.15
9	DSI13	Hotspot	LTE Band7	21100	2535	50RB-High	Left	10mm	\	18.05	18.8	<0.01	**<0.01**	<0.01	**<0.01**	/
9	DSI13	Hotspot	LTE Band7	21100	2535	50RB-High	Right	10mm	\	18.05	18.8	0.088	**0.10**	0.038	**0.05**	-0.18
9	DSI13	Hotspot	LTE Band7	21100	2535	50RB-High	Top	10mm	\	18.05	18.8	0.084	**0.10**	0.031	**0.04**	0.08
9	DSI13	Hotspot	LTE Band7	21100	2535	1RB-High	Right	10mm	**S**	17.91	18.8	0.087	**0.11**	0.037	**0.05**	0.06
9	DSI13	Hotspot	LTE Band7	21100	2535	1RB-High	Right	10mm	**B**	17.91	18.8	0.072	**0.09**	0.029	**0.04**	0.17
9	DSI13	Hotspot	LTE Band7	21375	2562.5	1RB-Low	Right	10mm	**UL CA**	17.4	18.8	0.064	**0.09**	0.023	**0.03**	0.16
1	DSI13	Hotspot	LTE Band7	20850	2510	1RB-Low	Front	10mm	\	18.51	19.7	0.075	**0.10**	0.038	**0.05**	0.06
1	DSI13	Hotspot	LTE Band7	20850	2510	1RB-Low	Rear	10mm	\	18.51	19.7	0.093	**0.12**	0.046	**0.06**	-0.04
1	DSI13	Hotspot	LTE Band7	20850	2510	1RB-Low	Left	10mm	\	18.51	19.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band7	20850	2510	1RB-Low	Right	10mm	\	18.51	19.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band7	20850	2510	1RB-Low	Bottom	10mm	\	18.51	19.7	0.181	**0.24**	0.084	**0.11**	-0.03
1	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Low	Front	10mm	\	18.39	19.7	0.079	**0.11**	0.04	**0.05**	0.00
1	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Low	Rear	10mm	\	18.39	19.7	0.095	**0.13**	0.046	**0.06**	0.09
1	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Low	Left	10mm	\	18.39	19.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Low	Right	10mm	\	18.39	19.7	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Low	Bottom	10mm	**A.133**	18.39	19.7	0.187	**0.25**	0.087	**0.12**	-0.06
1	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Low	Bottom	10mm	**S**	18.39	19.7	0.171	**0.23**	0.072	**0.10**	0.08
1	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Low	Bottom	10mm	**B**	18.39	19.7	0.154	**0.21**	0.054	**0.07**	-0.19
1	DSI13	Hotspot	LTE Band7	21375	2562.5	1RB-Low	Bottom	10mm	**UL CA**	17.79	19.7	0.159	**0.25**	0.059	**0.09**	0.03
6	DSI13	Hotspot	LTE Band7	20850	2510	1RB-Middle	Front	10mm	\	13.04	13.9	0.046	**0.06**	0.023	**0.03**	0.01
6	DSI13	Hotspot	LTE Band7	20850	2510	1RB-Middle	Rear	10mm	\	13.04	13.9	0.054	**0.07**	0.027	**0.03**	0.00
6	DSI13	Hotspot	LTE Band7	20850	2510	1RB-Middle	Left	10mm	\	13.04	13.9	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band7	20850	2510	1RB-Middle	Right	10mm	\	13.04	13.9	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band7	20850	2510	1RB-Middle	Top	10mm	\	13.04	13.9	0.121	**0.15**	0.054	**0.07**	0.08
6	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Middle	Front	10mm	\	13.2	13.9	0.045	**0.05**	0.021	**0.02**	0.00
6	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Middle	Rear	10mm	\	13.2	13.9	0.055	**0.06**	0.028	**0.03**	-0.15
6	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Middle	Left	10mm	\	13.2	13.9	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Middle	Right	10mm	\	13.2	13.9	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Middle	Top	10mm	**A.134**	13.2	13.9	0.129	**0.15**	0.058	**0.07**	-0.17
6	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Middle	Top	10mm	**S**	13.2	13.9	0.126	**0.15**	0.056	**0.07**	0.16
6	DSI13	Hotspot	LTE Band7	20850	2510	50RB-Middle	Top	10mm	**B**	13.2	13.9	0.105	**0.12**	0.042	**0.05**	-0.07
6	DSI13	Hotspot	LTE Band7	21375	2562.5	1RB-Low	Top	10mm	**UL CA**	12.88	13.9	0.112	**0.14**	0.046	**0.06**	0.05
2	DSI13	Hotspot	LTE Band12	23130	711	1RB-Middle	Front	10mm	\	20.47	21.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	LTE Band12	23130	711	1RB-Middle	Rear	10mm	\	20.47	21.1	0.042	**0.05**	0.023	**0.03**	0.08
2	DSI13	Hotspot	LTE Band12	23130	711	1RB-Middle	Left	10mm	**A.135**	20.47	21.1	0.079	**0.09**	0.044	**0.05**	-0.06
2	DSI13	Hotspot	LTE Band12	23130	711	1RB-Middle	Right	10mm	\	20.47	21.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	LTE Band12	23130	711	1RB-Middle	Top	10mm	\	20.47	21.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	LTE Band12	23130	704	25RB-Middle	Front	10mm	\	20.50	21.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	LTE Band12	23130	704	25RB-Middle	Rear	10mm	\	20.50	21.1	0.025	**0.03**	0.013	**0.01**	0.00
2	DSI13	Hotspot	LTE Band12	23130	704	25RB-Middle	Left	10mm	\	20.50	21.1	0.071	**0.08**	0.039	**0.04**	-0.06
2	DSI13	Hotspot	LTE Band12	23130	704	25RB-Middle	Right	10mm	\	20.50	21.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	LTE Band12	23130	704	25RB-Middle	Top	10mm	\	20.50	21.1	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	LTE Band12	23130	711	1RB-Middle	Left	10mm	**S**	20.47	21.1	0.076	**0.09**	0.041	**0.05**	0.05
2	DSI13	Hotspot	LTE Band12	23130	711	1RB-Middle	Left	10mm	**B**	20.47	21.1	0.062	**0.07**	0.034	**0.04**	-0.18
2	DSI13	Hotspot	LTE Band26	26865	831.5	1RB-Low	Front	10mm	\	20.46	21.4	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	LTE Band26	26865	831.5	1RB-Low	Rear	10mm	\	20.46	21.4	0.081	**0.10**	0.049	**0.06**	-0.01
2	DSI13	Hotspot	LTE Band26	26865	831.5	1RB-Low	Left	10mm	**A.136**	20.46	21.4	0.131	**0.16**	0.072	**0.09**	-0.13
2	DSI13	Hotspot	LTE Band26	26865	831.5	1RB-Low	Right	10mm	\	20.46	21.4	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	LTE Band26	26865	831.5	1RB-Low	Top	10mm	\	20.46	21.4	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	LTE Band26	26865	831.5	36RB-Low	Front	10mm	\	20.52	21.4	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	LTE Band26	26865	831.5	36RB-Low	Rear	10mm	\	20.52	21.4	0.087	**0.11**	0.053	**0.06**	0.11
2	DSI13	Hotspot	LTE Band26	26865	831.5	36RB-Low	Left	10mm	\	20.52	21.4	0.127	**0.16**	0.071	**0.09**	0.03
2	DSI13	Hotspot	LTE Band26	26865	831.5	36RB-Low	Right	10mm	\	20.52	21.4	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	LTE Band26	26865	831.5	36RB-Low	Top	10mm	\	20.52	21.4	<0.01	**<0.01**	<0.01	**<0.01**	/
2	DSI13	Hotspot	LTE Band26	26865	831.5	1RB-Low	Left	10mm	**S**	20.46	21.4	0.127	**0.16**	0.067	**0.08**	-0.06
2	DSI13	Hotspot	LTE Band26	26865	831.5	1RB-Low	Left	10mm	**B**	20.46	21.4	0.117	**0.15**	0.059	**0.07**	0.15
6	DSI13	Hotspot	LTE Band38	37850	2580	1RB-Low	Front	10mm	\	14.65	15.5	0.027	**0.03**	0.013	**0.02**	0.00
6	DSI13	Hotspot	LTE Band38	37850	2580	1RB-Low	Rear	10mm	\	14.65	15.5	0.027	**0.03**	0.013	**0.02**	0.00
6	DSI13	Hotspot	LTE Band38	37850	2580	1RB-Low	Left	10mm	\	14.65	15.5	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band38	37850	2580	1RB-Low	Right	10mm	\	14.65	15.5	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band38	37850	2580	1RB-Low	Top	10mm	**A.137**	14.65	15.5	0.058	**0.07**	0.026	**0.03**	0.04
6	DSI13	Hotspot	LTE Band38	37850	2580	50RB-Middle	Front	10mm	\	14.60	15.5	0.03	**0.04**	0.015	**0.02**	0.00
6	DSI13	Hotspot	LTE Band38	37850	2580	50RB-Middle	Rear	10mm	\	14.60	15.5	0.027	**0.03**	0.013	**0.02**	0.00
6	DSI13	Hotspot	LTE Band38	37850	2580	50RB-Middle	Left	10mm	\	14.60	15.5	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band38	37850	2580	50RB-Middle	Right	10mm	\	14.60	15.5	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band38	37850	2580	50RB-Middle	Top	10mm	\	14.60	15.5	0.051	**0.06**	0.024	**0.03**	0.15
6	DSI13	Hotspot	LTE Band38	37850	2580	1RB-Low	Top	10mm	**S**	14.65	15.5	0.054	**0.07**	0.021	**0.03**	0.13
6	DSI13	Hotspot	LTE Band38	37850	2580	1RB-Low	Top	10mm	**B**	14.65	15.5	0.042	**0.05**	0.016	**0.02**	0.00
6	DSI13	Hotspot	LTE Band38	38150	2610	1RB-Low	Top	10mm	**UL CA**	14.46	15.5	0.055	**0.07**	0.023	**0.03**	0.16

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ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
6	DSI13	Hotspot	LTE Band41	40185	2549.5	1RB-Low	Front	10mm	\	14.65	15.4	0.04	**0.05**	0.019	**0.02**	0.00
6	DSI13	Hotspot	LTE Band41	40185	2549.5	1RB-Low	Rear	10mm	\	14.65	15.4	0.041	**0.05**	0.021	**0.02**	0.00
6	DSI13	Hotspot	LTE Band41	40185	2549.5	1RB-Low	Left	10mm	\	14.65	15.4	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band41	40185	2549.5	1RB-Low	Right	10mm	\	14.65	15.4	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band41	40185	2549.5	1RB-Low	Top	10mm	**A.138**	14.65	15.4	0.079	**0.09**	0.036	**0.04**	-0.03
6	DSI13	Hotspot	LTE Band41	40185	2549.5	50RB-Middle	Front	10mm	\	14.67	15.4	0.041	**0.05**	0.02	**0.02**	0.00
6	DSI13	Hotspot	LTE Band41	40185	2549.5	50RB-Middle	Rear	10mm	\	14.67	15.4	0.036	**0.04**	0.018	**0.02**	0.00
6	DSI13	Hotspot	LTE Band41	40185	2549.5	50RB-Middle	Left	10mm	\	14.67	15.4	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band41	40185	2549.5	50RB-Middle	Right	10mm	\	14.67	15.4	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band41	40185	2549.5	50RB-Middle	Top	10mm	\	14.67	15.4	0.075	**0.09**	0.036	**0.04**	-0.13
6	DSI13	Hotspot	LTE Band41	40185	2549.5	1RB-Low	Top	10mm	**S**	14.65	15.4	0.076	**0.09**	0.035	**0.04**	0.04
6	DSI13	Hotspot	LTE Band41	40185	2549.5	1RB-Low	Top	10mm	**B**	14.65	15.4	0.068	**0.08**	0.028	**0.03**	-0.18
6	DSI13	Hotspot	LTE Band41	39750	2506	1RB-High	Top	10mm	**UL CA**	14.38	15.4	0.072	**0.09**	0.03	**0.04**	0.08
6	DSI13	Hotspot	LTE Band66	132322	1745	1RB-Low	Front	10mm	\	15.61	16.4	0.029	**0.03**	0.015	**0.02**	0.00
6	DSI13	Hotspot	LTE Band66	132322	1745	1RB-Low	Rear	10mm	\	15.61	16.4	0.031	**0.04**	0.016	**0.02**	0.00
6	DSI13	Hotspot	LTE Band66	132322	1745	1RB-Low	Left	10mm	\	15.61	16.4	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band66	132322	1745	1RB-Low	Right	10mm	\	15.61	16.4	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band66	132322	1745	1RB-Low	Top	10mm	\	15.61	16.4	0.056	**0.07**	0.029	**0.03**	-0.04
6	DSI13	Hotspot	LTE Band66	132322	1745	50RB-High	Front	10mm	\	15.60	16.4	0.031	**0.04**	0.016	**0.02**	0.00
6	DSI13	Hotspot	LTE Band66	132322	1745	50RB-High	Rear	10mm	\	15.60	16.4	0.033	**0.04**	0.018	**0.02**	0.00
6	DSI13	Hotspot	LTE Band66	132322	1745	50RB-High	Left	10mm	\	15.60	16.4	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band66	132322	1745	50RB-High	Right	10mm	\	15.60	16.4	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Hotspot	LTE Band66	132322	1745	50RB-High	Top	10mm	**A.139**	15.60	16.4	0.075	**0.09**	0.037	**0.04**	-0.02
6	DSI13	Hotspot	LTE Band66	132322	1745	50RB-High	Top	10mm	**S**	15.60	16.4	0.074	**0.09**	0.035	**0.04**	0.05
6	DSI13	Hotspot	LTE Band66	132322	1745	50RB-High	Top	10mm	**B**	15.60	16.4	0.068	**0.08**	0.031	**0.04**	-0.16

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14.2 SAR results for 5G NR

DSI1 (Head)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	RB setup	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
3	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Cheek Left	0mm	\	20.48	21.7	0.21	**0.28**	0.102	**0.14**	0.17
3	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Tilt Left	0mm	\	20.48	21.7	0.091	**0.12**	0.047	**0.06**	-0.16
3	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Cheek Right	0mm	A.140	20.48	21.7	0.744	**0.99**	0.302	**0.40**	0.04
3	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Tilt Right	0mm	\	20.48	21.7	0.292	**0.39**	0.111	**0.15**	0.12
3	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Cheek Right	0mm	B	20.48	21.7	0.637	**0.84**	0.292	**0.39**	0.19
3	DSI1	Head	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Cheek Right	0mm	\	20.36	21.7	0.714	**0.97**	0.289	**0.39**	0.01
9	DSI1	Head	N7	2535	507000	15k 5M DFT 64QAM	1RB_25	Cheek Left	0mm	A.141	18.57	20.1	0.665	**0.95**	0.312	**0.44**	0.08
9	DSI1	Head	N7	2535	507000	15k 5M DFT 64QAM	1RB_25	Tilt Left	0mm	\	18.57	20.1	0.653	**0.93**	0.289	**0.41**	0.11
9	DSI1	Head	N7	2535	507000	15k 5M DFT 64QAM	1RB_25	Cheek Right	0mm	\	18.57	20.1	0.122	**0.17**	0.051	**0.07**	0.09
9	DSI1	Head	N7	2535	507000	15k 5M DFT 64QAM	1RB_25	Tilt Right	0mm	\	18.57	20.1	0.143	**0.20**	0.059	**0.08**	-0.07
9	DSI1	Head	N7	2535	507000	15k 5M DFT 64QAM	1RB_25	Cheek Left	0mm	B	18.57	20.1	0.634	**0.90**	0.269	**0.38**	0.16
9	DSI1	Head	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Cheek Left	0mm	\	18.33	20.1	0.39	**0.59**	0.182	**0.27**	-0.02
1	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Cheek Left	0mm	A.142	22.27	24	0.16	**0.24**	0.082	**0.12**	-0.05
1	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Tilt Left	0mm	\	22.27	24	0.086	**0.13**	0.043	**0.06**	0.11
1	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Cheek Right	0mm	\	22.27	24	0.154	**0.23**	0.076	**0.11**	-0.13
1	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Tilt Right	0mm	\	22.27	24	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Cheek Left	0mm	B	22.27	24	0.145	**0.22**	0.072	**0.11**	0.18
1	DSI1	Head	N7	2535	507000	15k 5M CP QPSK	12RB_6	Cheek Left	0mm	\	21.87	23.5	0.136	**0.20**	0.065	**0.09**	-0.07
6	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Cheek Left	0mm	\	17.46	18.2	0.511	**0.61**	0.251	**0.30**	-0.12
6	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Tilt Left	0mm	\	17.46	18.2	0.574	**0.68**	0.268	**0.32**	0.04
6	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Cheek Right	0mm	\	17.46	18.2	0.827	**0.98**	0.334	**0.40**	0.16
6	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Tilt Right	0mm	A.143	17.46	18.2	0.907	**1.08**	0.368	**0.44**	0.03
6	DSI1	Head	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Tilt Right	0mm	B	17.46	18.2	0.642	**0.76**	0.262	**0.31**	-0.01
6	DSI1	Head	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Tilt Right	0mm	\	17.19	18.2	0.835	**1.05**	0.387	**0.49**	0.01
3	DSI1	Head	N38	2580	516000	30k 20M DFT 16QAM	1RB_1	Cheek Left	0mm	\	20.18	21.8	0.183	**0.27**	0.096	**0.14**	-0.02
3	DSI1	Head	N38	2580	516000	30k 20M DFT 16QAM	1RB_1	Tilt Left	0mm	\	20.18	21.8	0.083	**0.12**	0.04	**0.06**	0.02
3	DSI1	Head	N38	2580	516000	30k 20M DFT 16QAM	1RB_1	Cheek Right	0mm	A.144	20.18	21.8	0.631	**0.92**	0.281	**0.41**	0.15
3	DSI1	Head	N38	2580	516000	30k 20M DFT 16QAM	1RB_1	Tilt Right	0mm	\	20.18	21.8	0.229	**0.33**	0.096	**0.14**	-0.12
3	DSI1	Head	N38	2580	516000	30k 20M DFT 16QAM	1RB_1	Cheek Right	0mm	B	20.18	21.8	0.484	**0.70**	0.22	**0.32**	0.08
3	DSI1	Head	N38	2580	516000	30k 20M CP QPSK	25RB_12	Cheek Right	0mm	\	20.07	21.8	0.603	**0.90**	0.266	**0.40**	0.02
9	DSI1	Head	N38	2595	519000	30k 20M DFT 256QAM	1RB_1	Cheek Left	0mm	A.145	19.12	20.2	0.527	**0.68**	0.241	**0.31**	-0.12
9	DSI1	Head	N38	2595	519000	30k 20M DFT 256QAM	1RB_1	Tilt Left	0mm	\	19.12	20.2	0.438	**0.56**	0.185	**0.24**	0.05
9	DSI1	Head	N38	2595	519000	30k 20M DFT 256QAM	1RB_1	Cheek Right	0mm	\	19.12	20.2	0.09	**0.12**	0.046	**0.06**	-0.14
9	DSI1	Head	N38	2595	519000	30k 20M DFT 256QAM	1RB_1	Tilt Right	0mm	\	19.12	20.2	0.11	**0.14**	0.05	**0.06**	0.04
9	DSI1	Head	N38	2595	519000	30k 20M DFT 256QAM	1RB_1	Cheek Left	0mm	B	19.12	20.2	0.49	**0.63**	0.229	**0.29**	-0.12
9	DSI1	Head	N38	2595	519000	30k 20M CP QPSK	25RB_12	Cheek Left	0mm	\	18.96	20.2	0.428	**0.57**	0.215	**0.29**	0.12
1	DSI1	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	2RB_0	Cheek Left	0mm	A.146	21.99	22.6	0.081	**0.09**	0.038	**0.04**	-0.08
1	DSI1	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	2RB_0	Tilt Left	0mm	\	21.99	22.6	0.043	**0.05**	0.019	**0.02**	0.00
1	DSI1	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	2RB_0	Cheek Right	0mm	\	21.99	22.6	0.051	**0.06**	0.023	**0.03**	-0.14
1	DSI1	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	2RB_0	Tilt Right	0mm	\	21.99	22.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI1	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	2RB_0	Cheek Left	0mm	B	21.99	22.6	0.069	**0.08**	0.035	**0.04**	0.04
1	DSI1	Head	N38	2580	516000	30k 20M CP QPSK	25RB_12	Cheek Left	0mm	\	21.84	22.6	0.074	**0.09**	0.038	**0.05**	-0.09
6	DSI1	Head	N38	2595	519000	30k 20M DFT QPSK	1RB_0	Cheek Left	0mm	\	17.76	18.7	0.448	**0.56**	0.22	**0.27**	-0.11
6	DSI1	Head	N38	2595	519000	30k 20M DFT QPSK	1RB_0	Tilt Left	0mm	\	17.76	18.7	0.45	**0.56**	0.217	**0.27**	0.16
6	DSI1	Head	N38	2595	519000	30k 20M DFT QPSK	1RB_0	Cheek Right	0mm	\	17.76	18.7	0.71	**0.88**	0.312	**0.39**	-0.10
6	DSI1	Head	N38	2595	519000	30k 20M DFT QPSK	1RB_0	Tilt Right	0mm	A.147	17.76	18.7	0.79	**0.98**	0.342	**0.42**	0.04
6	DSI1	Head	N38	2595	519000	30k 20M DFT QPSK	1RB_0	Tilt Right	0mm	B	17.76	18.7	0.525	**0.65**	0.228	**0.28**	0.05
6	DSI1	Head	N38	2595	519000	30k 20M CP QPSK	25RB_12	Tilt Right	0mm	\	17.59	18.7	0.55	**0.71**	0.224	**0.29**	0.05
3	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_49	Cheek Left	0mm	\	22.02	23.1	0.19	**0.24**	0.092	**0.12**	0.15
3	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_49	Tilt Left	0mm	\	22.02	23.1	0.108	**0.14**	0.052	**0.07**	0.00
3	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_49	Cheek Right	0mm	A.148	22.02	23.1	0.55	**0.71**	0.244	**0.31**	0.03
3	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_49	Tilt Right	0mm	\	22.02	23.1	0.227	**0.29**	0.099	**0.13**	0.06
3	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_49	Cheek Right	0mm	B	22.02	23.1	0.508	**0.65**	0.214	**0.27**	0.13
3	DSI1	Head	N41	2679.99	535998	30k 20M CP QPSK	25RB_12	Cheek Right	0mm	\	21.93	23.1	0.433	**0.57**	0.15	**0.20**	0.07
9	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	25RB_12	Cheek Left	0mm	A.149	18.33	19.3	0.626	**0.78**	0.251	**0.31**	-0.02
9	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	25RB_12	Tilt Left	0mm	\	18.33	19.3	0.616	**0.77**	0.231	**0.29**	0.16
9	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	25RB_12	Cheek Right	0mm	\	18.33	19.3	0.178	**0.22**	0.07	**0.09**	0.12
9	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	25RB_12	Tilt Right	0mm	\	18.33	19.3	0.179	**0.22**	0.072	**0.09**	-0.10
9	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	25RB_12	Tilt Right	0mm	B	18.33	19.3	0.597	**0.75**	0.229	**0.29**	0.08
9	DSI1	Head	N41	2679.99	535998	30k 20M CP QPSK	25RB_12	Cheek Left	0mm	\	18.23	19.3	0.601	**0.77**	0.235	**0.30**	0.07
1	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_50	Cheek Left	0mm	A.150	22.07	22.6	0.107	**0.12**	0.053	**0.06**	0.04
1	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_50	Tilt Left	0mm	\	22.07	22.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_50	Cheek Right	0mm	\	22.07	22.6	0.063	**0.07**	0.034	**0.04**	0.03
1	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_50	Tilt Right	0mm	\	22.07	22.6	0.054	**0.06**	0.027	**0.03**	-0.15
1	DSI1	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_50	Cheek Left	0mm	B	22.07	22.6	0.091	**0.10**	0.042	**0.05**	-0.08
1	DSI1	Head	N41	2679.99	535998	30k 20M CP QPSK	25RB_12	Cheek Left	0mm	\	21.92	22.6	0.099	**0.12**	0.048	**0.06**	-0.08
6	DSI1	Head	N41	2506.02	501204	30k 20M DFT PI/2 BPSK	25RB_12	Cheek Left	0mm	\	16.12	17.5	0.445	**0.61**	0.211	**0.29**	-0.15
6	DSI1	Head	N41	2506.02	501204	30k 20M DFT PI/2 BPSK	25RB_12	Tilt Left	0mm	\	16.12	17.5	0.493	**0.68**	0.224	**0.31**	0.17
6	DSI1	Head	N41	2506.02	501204	30k 20M DFT PI/2 BPSK	25RB_12	Cheek Right	0mm	\	16.12	17.5	0.612	**0.84**	0.256	**0.35**	-0.11
6	DSI1	Head	N41	2506.02	501204	30k 20M DFT PI/2 BPSK	25RB_12	Tilt Right	0mm	A.151	16.12	17.5	0.729	**1.00**	0.299	**0.41**	0.04
6	DSI1	Head	N41	2506.02	501204	30k 20M DFT PI/2 BPSK	25RB_12	Tilt Right	0mm	B	16.12	17.5	0.54	**0.74**	0.224	**0.31**	0.02
6	DSI1	Head	N41	2506.02	501204	30k 20M CP QPSK	25RB_12	Tilt Right	0mm	\	16.01	17.5	0.7	**0.99**	0.293	**0.41**	-0.04

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DSI3 (Body worn)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	RB setup	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
3	DSI3	Body	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Front	15mm	\	20.48	21.7	0.104	**0.14**	0.052	**0.07**	0.14
3	DSI3	Body	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Rear	15mm	**A.152**	20.48	21.7	0.122	**0.16**	0.056	**0.07**	0.03
3	DSI3	Body	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Rear	15mm	**B**	20.48	21.7	0.116	**0.15**	0.057	**0.08**	0.12
3	DSI3	Body	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Rear	15mm	\	20.36	21.7	0.116	**0.16**	0.058	**0.08**	-0.11
9	DSI3	Body	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Front	15mm	\	21.05	22.8	0.127	**0.19**	0.058	**0.09**	-0.14
9	DSI3	Body	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Rear	15mm	**A.153**	21.05	22.8	0.139	**0.21**	0.066	**0.10**	-0.04
9	DSI3	Body	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Rear	15mm	**B**	21.05	22.8	0.116	**0.17**	0.052	**0.08**	-0.05
9	DSI3	Body	N7	2535	507000	15k 5M CP QPSK	12RB_6	Rear	15mm	\	20.66	21.8	0.136	**0.18**	0.064	**0.08**	0.17
1	DSI3	Body	N7	2535	507000	15k 5M DFT PI/2 BPSK	12RB_6	Front	15mm	\	21.52	23.2	0.189	**0.28**	0.099	**0.15**	0.03
1	DSI3	Body	N7	2535	507000	15k 5M DFT PI/2 BPSK	12RB_6	Rear	15mm	**A.154**	21.52	23.2	0.253	**0.37**	0.133	**0.20**	0.04
1	DSI3	Body	N7	2535	507000	15k 5M DFT PI/2 BPSK	12RB_6	Rear	15mm	**B**	21.52	23.2	0.236	**0.35**	0.124	**0.18**	0.05
1	DSI3	Body	N7	2535	507000	15k 5M CP QPSK	12RB_6	Rear	15mm	\	21.31	22.7	0.234	**0.32**	0.126	**0.17**	-0.04
6	DSI3	Body	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Front	15mm	\	18.33	19.4	0.125	**0.16**	0.066	**0.08**	0.07
6	DSI3	Body	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Rear	15mm	**A.155**	18.33	19.4	0.143	**0.18**	0.075	**0.10**	0.09
6	DSI3	Body	N7	2535	507000	15k 5M DFT QPSK	12RB_6	Rear	15mm	**B**	18.33	19.4	0.136	**0.17**	0.072	**0.09**	0.07
6	DSI3	Body	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Rear	15mm	\	18.24	19.4	0.124	**0.16**	0.065	**0.08**	-0.13
3	DSI3	Body	N38	2580	516000	30k 20M DFT 16QAM	1RB_1	Front	15mm	\	21.54	23	0.118	**0.17**	0.057	**0.08**	0.13
3	DSI3	Body	N38	2580	516000	30k 20M DFT 16QAM	1RB_1	Rear	15mm	**A.156**	21.54	23	0.162	**0.23**	0.082	**0.11**	0.04
3	DSI3	Body	N38	2580	516000	30k 20M DFT 16QAM	1RB_1	Rear	15mm	**B**	21.54	23	0.149	**0.21**	0.075	**0.10**	0.01
3	DSI3	Body	N38	2580	516000	30k 20M CP QPSK	25RB_12	Rear	15mm	\	21.27	23	0.151	**0.22**	0.077	**0.11**	0.06
9	DSI3	Body	N38	2595	519000	30k 20M DFT QPSK	25RB_12	Front	15mm	\	22.7	23.9	0.154	**0.20**	0.076	**0.10**	-0.16
9	DSI3	Body	N38	2595	519000	30k 20M DFT QPSK	25RB_12	Rear	15mm	**A.157**	22.7	23.9	0.175	**0.23**	0.089	**0.12**	-0.11
9	DSI3	Body	N38	2595	519000	30k 20M DFT QPSK	25RB_12	Rear	15mm	**B**	22.7	23.9	0.162	**0.21**	0.081	**0.11**	-0.04
9	DSI3	Body	N38	2595	519000	30k 20M CP QPSK	25RB_12	Rear	15mm	\	21.56	23.4	0.151	**0.23**	0.074	**0.11**	0.03
1	DSI3	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	2RB_0	Front	15mm	\	21.99	22.6	0.097	**0.11**	0.051	**0.06**	-0.12
1	DSI3	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	2RB_0	Rear	15mm	**A.158**	21.99	22.6	0.116	**0.13**	0.061	**0.07**	0.16
1	DSI3	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	2RB_0	Rear	15mm	**B**	21.99	22.6	0.094	**0.11**	0.048	**0.06**	-0.04
1	DSI3	Body	N38	2580	516000	30k 20M CP QPSK	25RB_12	Rear	15mm	\	21.84	22.6	0.11	**0.13**	0.06	**0.07**	0.04
6	DSI3	Body	N38	2595	519000	30k 20M DFT QPSK	25RB_12	Front	15mm	\	18.53	19.5	0.075	**0.09**	0.039	**0.05**	-0.10
6	DSI3	Body	N38	2595	519000	30k 20M DFT QPSK	25RB_12	Rear	15mm	**A.159**	18.53	19.5	0.083	**0.10**	0.042	**0.05**	0.01
6	DSI3	Body	N38	2595	519000	30k 20M DFT QPSK	25RB_12	Rear	15mm	**B**	18.53	19.5	0.077	**0.10**	0.04	**0.05**	-0.03
6	DSI3	Body	N38	2595	519000	30k 20M CP QPSK	25RB_12	Rear	15mm	\	18.44	19.5	0.074	**0.09**	0.04	**0.05**	0.16
3	DSI3	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_49	Front	15mm	\	22.02	23.1	0.072	**0.09**	0.036	**0.05**	0.03
3	DSI3	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_49	Rear	15mm	**A.160**	22.02	23.1	0.121	**0.16**	0.058	**0.07**	0.17
3	DSI3	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_49	Rear	15mm	**B**	22.02	23.1	0.116	**0.15**	0.052	**0.07**	-0.15
3	DSI3	Body	N41	2679.99	535998	30k 20M CP QPSK	25RB_12	Rear	15mm	\	21.93	23.1	0.095	**0.12**	0.046	**0.06**	0.03
9	DSI3	Body	N41	2649.99	529998	30k 80M DFTPI/2 BPSK	108RB_54	Front	15mm	\	22.75	23.6	0.182	**0.22**	0.089	**0.11**	0.18
9	DSI3	Body	N41	2649.99	529998	30k 80M DFT PI/2 BPSK	108RB_54	Rear	15mm	**A.161**	22.75	23.6	0.315	**0.38**	0.152	**0.18**	0.05
9	DSI3	Body	N41	2649.99	529998	30k 80M DFT PI/2 BPSK	108RB_54	Rear	15mm	**B**	22.75	23.6	0.304	**0.37**	0.143	**0.17**	0.04
9	DSI3	Body	N41	2649.99	529998	30k 80M CP QPSK	135RB-67	Rear	15mm	\	21.46	23.3	0.161	**0.25**	0.078	**0.12**	-0.02
1	DSI3	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_50	Front	15mm	**A.162**	22.07	22.6	0.119	**0.13**	0.062	**0.07**	-0.13
1	DSI3	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_50	Rear	15mm	\	22.07	22.6	0.117	**0.13**	0.061	**0.07**	0.11
1	DSI3	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	1RB_50	Front	15mm	**B**	22.07	22.6	0.104	**0.12**	0.051	**0.06**	0.17
1	DSI3	Body	N41	2679.99	535998	30k 20M CP QPSK	25RB_12	Front	15mm	\	21.92	22.6	0.097	**0.11**	0.05	**0.06**	0.07
6	DSI3	Body	N41	2516.01	503202	30k 40M DFT QPSK	1RB_1	Front	15mm	\	17.57	19	0.091	**0.13**	0.048	**0.07**	-0.15
6	DSI3	Body	N41	2516.01	503202	30k 40M DFT QPSK	1RB_1	Rear	15mm	**A.163**	17.57	19	0.114	**0.16**	0.058	**0.08**	0.01
6	DSI3	Body	N41	2516.01	503202	30k 40M DFT QPSK	1RB_1	Rear	15mm	**B**	17.57	19	0.083	**0.12**	0.044	**0.06**	-0.11
6	DSI3	Body	N41	2516.01	503202	30k 40M CP QPSK	50RB_25	Rear	15mm	\	17.41	19	0.094	**0.14**	0.05	**0.07**	-0.10

DSI5 (Head)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	RB setup	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
3	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	2RB_23	Cheek Left	0mm	\	16.64	17.7	0.096	**0.12**	0.044	**0.06**	0.09
3	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	2RB_23	Tilt Left	0mm	\	16.64	17.7	0.044	**0.06**	0.019	**0.02**	0.00
3	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	2RB_23	Cheek Right	0mm	**A.164**	16.64	17.7	0.295	**0.38**	0.12	**0.15**	0.02
3	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	2RB_23	Tilt Right	0mm	\	16.64	17.7	0.11	**0.14**	0.042	**0.05**	0.16
3	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	2RB_23	Cheek Right	0mm	**B**	16.64	17.7	0.271	**0.35**	0.101	**0.13**	-0.12
3	DSI5	Head	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Cheek Right	0mm	\	16.44	17.7	0.274	**0.37**	0.102	**0.14**	-0.14
9	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Cheek Left	0mm	**A.165**	14.75	16.1	0.207	**0.28**	0.08	**0.11**	0.00
9	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Tilt Left	0mm	\	14.75	16.1	0.182	**0.25**	0.073	**0.10**	-0.07
9	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Cheek Right	0mm	\	14.75	16.1	0.04	**0.05**	0.018	**0.02**	0.00
9	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Tilt Right	0mm	\	14.75	16.1	0.048	**0.07**	0.021	**0.03**	0.08
9	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Cheek Left	0mm	**B**	14.75	16.1	0.165	**0.23**	0.061	**0.08**	-0.05
9	DSI5	Head	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Cheek Left	0mm	\	14.63	16.1	0.176	**0.25**	0.069	**0.10**	0.09
1	DSI5	Head	N7	2535	507000	15k 5M DFT 16QAM	1RB_23	Cheek Left	0mm	**A.166**	19.04	20	0.043	**0.05**	0.016	**0.02**	0.00
1	DSI5	Head	N7	2535	507000	15k 5M DFT 16QAM	1RB_23	Tilt Left	0mm	\	19.04	20	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	N7	2535	507000	15k 5M DFT 16QAM	1RB_23	Cheek Right	0mm	\	19.04	20	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	N7	2535	507000	15k 5M DFT 16QAM	1RB_23	Tilt Right	0mm	\	19.04	20	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	N7	2535	507000	15k 5M DFT 16QAM	1RB_23	Cheek Left	0mm	**B**	19.04	20	0.034	**0.04**	0.011	**0.01**	0.00
1	DSI5	Head	N7	2535	507000	15k 5M CP 16QAM	1RB_23	Cheek Left	0mm	\	18.57	20	0.025	**0.03**	<0.01	**<0.01**	/
6	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Cheek Left	0mm	\	13.45	14.2	0.238	**0.28**	0.11	**0.13**	0.09
6	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Tilt Left	0mm	\	13.45	14.2	0.265	**0.31**	0.118	**0.14**	-0.12
6	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Cheek Right	0mm	\	13.45	14.2	0.314	**0.37**	0.125	**0.15**	-0.12
6	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Tilt Right	0mm	**A.167**	13.45	14.2	0.366	**0.43**	0.145	**0.17**	0.16
6	DSI5	Head	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Tilt Right	0mm	**B**	13.45	14.2	0.346	**0.41**	0.134	**0.16**	-0.03
6	DSI5	Head	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Tilt Right	0mm	\	13.34	14.2	0.352	**0.43**	0.138	**0.17**	0.07

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ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	RB setup	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
3	DSI5	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Cheek Left	0mm	\	16.41	17.8	0.086	**0.12**	0.041	**0.06**	0.11
3	DSI5	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Tilt Left	0mm	\	16.41	17.8	0.038	**0.05**	0.017	**0.02**	0.00
3	DSI5	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Cheek Right	0mm	**A.168**	16.41	17.8	0.243	**0.33**	0.104	**0.14**	0.08
3	DSI5	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Tilt Right	0mm	\	16.41	17.8	0.089	**0.12**	0.036	**0.05**	-0.17
3	DSI5	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Cheek Right	0mm	**B**	16.41	17.8	0.223	**0.31**	0.096	**0.13**	-0.13
3	DSI5	Head	N38	2580	516000	30k 20M CP QPSK	25RB_12	Cheek Right	0mm	\	16.32	17.8	0.223	**0.31**	0.095	**0.13**	0.03
9	DSI5	Head	N38	2580	516000	30k 20M DFT QPSK	1RB_1	Cheek Left	0mm	**A.169**	15.15	16.2	0.191	**0.24**	0.079	**0.10**	0.00
9	DSI5	Head	N38	2580	516000	30k 20M DFT QPSK	1RB_1	Tilt Left	0mm	\	15.15	16.2	0.179	**0.23**	0.068	**0.09**	-0.10
9	DSI5	Head	N38	2580	516000	30k 20M DFT QPSK	1RB_1	Cheek Right	0mm	\	15.15	16.2	0.037	**0.05**	0.017	**0.02**	0.00
9	DSI5	Head	N38	2580	516000	30k 20M DFT QPSK	1RB_1	Tilt Right	0mm	\	15.15	16.2	0.045	**0.06**	0.02	**0.03**	-0.15
9	DSI5	Head	N38	2580	516000	30k 20M DFT QPSK	1RB_1	Cheek Left	0mm	**B**	15.15	16.2	0.17	**0.22**	0.065	**0.08**	-0.19
9	DSI5	Head	N38	2580	516000	30k 20M CP QPSK	25RB_12	Cheek Left	0mm	\	15.07	16.2	0.158	**0.20**	0.067	**0.09**	0.00
1	DSI5	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Cheek Left	0mm	\	18.1	18.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Tilt Left	0mm	\	18.1	18.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Cheek Right	0mm	\	18.1	18.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Tilt Right	0mm	\	18.1	18.6	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI5	Head	N38	2580	516000	30k 20M DFT 16QAM	1RB_0	Cheek Left	0mm	\	14.13	14.7	0.192	**0.22**	0.089	**0.10**	0.14
6	DSI5	Head	N38	2580	516000	30k 20M DFT 16QAM	1RB_0	Tilt Left	0mm	\	14.13	14.7	0.189	**0.22**	0.088	**0.10**	0.01
6	DSI5	Head	N38	2580	516000	30k 20M DFT 16QAM	1RB_0	Cheek Right	0mm	\	14.13	14.7	0.284	**0.32**	0.118	**0.13**	0.03
6	DSI5	Head	N38	2580	516000	30k 20M DFT 16QAM	1RB_0	Tilt Right	0mm	**A.170**	14.13	14.7	0.312	**0.36**	0.128	**0.15**	-0.15
6	DSI5	Head	N38	2580	516000	30k 20M DFT 16QAM	1RB_0	Tilt Right	0mm	**B**	14.13	14.7	0.255	**0.29**	0.109	**0.12**	0.01
6	DSI5	Head	N38	2580	516000	30k 20M CP QPSK	25RB_12	Tilt Right	0mm	\	13.79	14.7	0.169	**0.21**	0.072	**0.09**	-0.04
3	DSI5	Head	N41	2506.02	501204	30k 20M DFT 16QAM	1RB_49	Cheek Left	0mm	\	18.09	19.1	0.101	**0.13**	0.047	**0.06**	-0.08
3	DSI5	Head	N41	2506.02	501204	30k 20M DFT 16QAM	1RB_49	Tilt Left	0mm	\	18.09	19.1	0.052	**0.07**	0.023	**0.03**	0.14
3	DSI5	Head	N41	2506.02	501204	30k 20M DFT 16QAM	1RB_49	Cheek Right	0mm	**A.171**	18.09	19.1	0.338	**0.43**	0.135	**0.17**	0.03
3	DSI5	Head	N41	2506.02	501204	30k 20M DFT 16QAM	1RB_49	Tilt Right	0mm	\	18.09	19.1	0.13	**0.16**	0.05	**0.06**	-0.13
3	DSI5	Head	N41	2506.02	501204	30k 20M DFT 16QAM	1RB_49	Cheek Right	0mm	**B**	18.09	19.1	0.291	**0.37**	0.102	**0.13**	0.07
3	DSI5	Head	N41	2506.02	501204	30k 20M CP QPSK	25RB_12	Cheek Right	0mm	\	17.65	19.1	0.27	**0.38**	0.094	**0.13**	0.02
9	DSI5	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	2RB_0	Cheek Left	0mm	**A.172**	14.23	15.3	0.215	**0.28**	0.082	**0.10**	0.00
9	DSI5	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	2RB_0	Tilt Left	0mm	\	14.23	15.3	0.198	**0.25**	0.071	**0.09**	-0.17
9	DSI5	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	2RB_0	Cheek Right	0mm	\	14.23	15.3	0.062	**0.08**	0.023	**0.03**	0.02
9	DSI5	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	2RB_0	Tilt Right	0mm	\	14.23	15.3	0.07	**0.09**	0.026	**0.03**	0.12
9	DSI5	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	2RB_0	Cheek Left	0mm	**B**	14.23	15.3	0.193	**0.25**	0.067	**0.09**	-0.14
9	DSI5	Head	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Cheek Left	0mm	\	14.17	15.3	0.137	**0.18**	0.057	**0.07**	-0.02
1	DSI5	Head	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Cheek Left	0mm	**A.173**	18	18.6	0.03	**0.03**	0.01	**0.01**	0.00
1	DSI5	Head	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Tilt Left	0mm	\	18	18.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Cheek Right	0mm	\	18	18.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Tilt Right	0mm	\	18	18.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Cheek Left	0mm	**B**	18	18.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI5	Head	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	25RB_12	Cheek Left	0mm	\	17.94	18.6	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI5	Head	N41	2516.01	503202	30k 40M DFT QPSK	1RB_104	Cheek Left	0mm	\	12.14	13.5	0.17	**0.23**	0.088	**0.12**	0.16
6	DSI5	Head	N41	2516.01	503202	30k 40M DFT QPSK	1RB_104	Tilt Left	0mm	\	12.14	13.5	0.192	**0.26**	0.095	**0.13**	-0.04
6	DSI5	Head	N41	2516.01	503202	30k 40M DFT QPSK	1RB_104	Cheek Right	0mm	\	12.14	13.5	0.242	**0.33**	0.109	**0.15**	0.11
6	DSI5	Head	N41	2516.01	503202	30k 40M DFT QPSK	1RB_104	Tilt Right	0mm	**A.174**	12.14	13.5	0.305	**0.42**	0.121	**0.17**	0.17
6	DSI5	Head	N41	2516.01	503202	30k 40M DFT QPSK	1RB_104	Tilt Right	0mm	**B**	12.14	13.5	0.274	**0.37**	0.116	**0.16**	-0.07
6	DSI5	Head	N41	2516.01	503202	30k 40M CP 16QAM	25RB_12	Tilt Right	0mm	\	12.03	13.5	0.255	**0.36**	0.104	**0.15**	0.03

DSI9 (Body worn)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	RB setup	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
3	DSI9	Body	N7	2535	507000	15k 5M DFT 16QAM	1RB_1	Front	15mm	\	18.74	19.7	0.06	**0.07**	0.028	**0.03**	-0.02
3	DSI9	Body	N7	2535	507000	15k 5M DFT 16QAM	1RB_1	Rear	15mm	**A.175**	18.74	19.7	0.071	**0.09**	0.033	**0.04**	0.12
3	DSI9	Body	N7	2535	507000	15k 5M DFT 16QAM	1RB_1	Rear	15mm	**B**	18.74	19.7	0.052	**0.06**	0.022	**0.03**	-0.13
3	DSI9	Body	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Rear	15mm	\	18.3	19.7	0.054	**0.07**	0.022	**0.03**	0.04
9	DSI9	Body	N7	2535	507000	15k 5M DFT PI/2 BPSK	12RB_6	Front	15mm	\	19.22	20.8	0.07	**0.10**	0.031	**0.04**	0.10
9	DSI9	Body	N7	2535	507000	15k 5M DFT PI/2 BPSK	12RB_6	Rear	15mm	**A.176**	19.22	20.8	0.073	**0.11**	0.033	**0.05**	0.10
9	DSI9	Body	N7	2535	507000	15k 5M DFT PI/2 BPSK	12RB_6	Rear	15mm	**B**	19.22	20.8	0.06	**0.09**	0.023	**0.03**	0.13
9	DSI9	Body	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Rear	15mm	\	19.02	20.8	0.064	**0.10**	0.026	**0.04**	0.06
1	DSI9	Body	N7	2535	507000	15k 5M DFT 16QAM	1RB_24	Front	15mm	\	19.74	21.2	0.106	**0.15**	0.057	**0.08**	-0.13
1	DSI9	Body	N7	2535	507000	15k 5M DFT 16QAM	1RB_24	Rear	15mm	**A.177**	19.74	21.2	0.149	**0.21**	0.077	**0.11**	0.07
1	DSI9	Body	N7	2535	507000	15k 5M DFT 16QAM	1RB_24	Rear	15mm	**B**	19.74	21.2	0.121	**0.17**	0.063	**0.09**	0.19
1	DSI9	Body	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Rear	15mm	\	19.55	21.2	0.123	**0.18**	0.062	**0.09**	0.13
6	DSI9	Body	N7	2535	507000	15k 5M DFT 16QAM	12RB_6	Front	15mm	\	16.43	17.4	0.089	**0.11**	0.046	**0.06**	0.00
6	DSI9	Body	N7	2535	507000	15k 5M DFT 16QAM	12RB_6	Rear	15mm	**A.178**	16.43	17.4	0.095	**0.12**	0.048	**0.06**	0.00
6	DSI9	Body	N7	2535	507000	15k 5M DFT 16QAM	12RB_6	Rear	15mm	**B**	16.43	17.4	0.08	**0.10**	0.038	**0.05**	0.00
6	DSI9	Body	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Rear	15mm	\	16.29	17.4	0.082	**0.11**	0.041	**0.05**	0.00
3	DSI9	Body	N38	2580	516000	30k 20M DFT QPSK	1RB_0	Front	15mm	\	19.36	21	0.066	**0.10**	0.029	**0.04**	-0.13
3	DSI9	Body	N38	2580	516000	30k 20M DFT QPSK	1RB_0	Rear	15mm	**A.179**	19.36	21	0.091	**0.13**	0.043	**0.06**	-0.15
3	DSI9	Body	N38	2580	516000	30k 20M DFT QPSK	1RB_0	Rear	15mm	**B**	19.36	21	0.081	**0.12**	0.034	**0.05**	0.18
3	DSI9	Body	N38	2580	516000	30k 20M CP QPSK	25RB_12	Rear	15mm	\	19.22	21	0.077	**0.12**	0.035	**0.05**	0.08
9	DSI9	Body	N38	2580	516000	30k 20M DFT QPSK	25RB_12	Front	15mm	\	20.81	21.9	0.094	**0.12**	0.045	**0.06**	0.15
9	DSI9	Body	N38	2580	516000	30k 20M DFT QPSK	25RB_12	Rear	15mm	**A.180**	20.81	21.9	0.101	**0.13**	0.048	**0.06**	0.04
9	DSI9	Body	N38	2580	516000	30k 20M DFT QPSK	25RB_12	Rear	15mm	**B**	20.81	21.9	0.087	**0.11**	0.038	**0.05**	-0.04
9	DSI9	Body	N38	2580	516000	30k 20M CP 16QAM	25RB_12	Rear	15mm	\	20.72	21.9	0.089	**0.12**	0.036	**0.05**	0.15
1	DSI9	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Front	15mm	\	19.91	20.6	0.057	**0.07**	0.03	**0.04**	0.01
1	DSI9	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Rear	15mm	**A.181**	19.91	20.6	0.067	**0.08**	0.034	**0.04**	0.07
1	DSI9	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Rear	15mm	**B**	19.91	20.6	0.063	**0.07**	0.031	**0.04**	0.03
1	DSI9	Body	N38	2580	516000	30k 20M CP 16QAM	25RB_12	Rear	15mm	\	19.82	20.6	0.064	**0.08**	0.028	**0.03**	0.07
6	DSI9	Body	N38	2580	516000	30k 20M DFT QPSK	1RB_0	Front	15mm	\	16.73	17.5	0.047	**0.06**	0.021	**0.03**	0.03
6	DSI9	Body	N38	2580	516000	30k 20M DFT QPSK	1RB_0	Rear	15mm	**A.182**	16.73	17.5	0.053	**0.06**	0.026	**0.03**	0.01
6	DSI9	Body	N38	2580	516000	30k 20M DFT QPSK	1RB_0	Rear	15mm	**B**	16.73	17.5	0.043	**0.05**	0.019	**0.02**	0.00
6	DSI9	Body	N38	2580	516000	30k 20M CP 16QAM	25RB_12	Rear	15mm	\	16.59	17.5	0.037	**0.05**	0.012	**0.01**	0.00
3	DSI9	Body	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Front	15mm	\	19.9	21.1	0.046	**0.06**	0.02	**0.03**	0.07
3	DSI9	Body	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Rear	15mm	**A.183**	19.9	21.1	0.062	**0.08**	0.026	**0.03**	0.06
3	DSI9	Body	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Rear	15mm	**B**	19.9	21.1	0.052	**0.07**	0.022	**0.03**	0.08
3	DSI9	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	25RB_12	Rear	15mm	\	19.76	21.1	0.049	**0.07**	0.017	**0.02**	0.00
9	DSI9	Body	N41	2670	534000	30k 40M DFT PI/2 BPSK	1RB_1	Front	15mm	\	21.07	21.6	0.115	**0.13**	0.054	**0.06**	-0.04
9	DSI9	Body	N41	2670	534000	30k 40M DFT PI/2 BPSK	1RB_1	Rear	15mm	**A.184**	21.07	21.6	0.14	**0.16**	0.065	**0.07**	0.02
9	DSI9	Body	N41	2670	534000	30k 40M DFT PI/2 BPSK	1RB_1	Rear	15mm	**B**	21.07	21.6	0.129	**0.15**	0.059	**0.07**	0.15
9	DSI9	Body	N41	2670	534000	30k 20M CP QPSK	25RB_12	Rear	15mm	\	20.61	21.6	0.125	**0.16**	0.049	**0.06**	0.17
1	DSI9	Body	N41	2670	534000	30k 40M DFT PI/2 BPSK	1RB_104	Front	15mm	\	20.18	20.6	0.15	**0.17**	0.072	**0.08**	0.14
1	DSI9	Body	N41	2670	534000	30k 40M DFT PI/2 BPSK	1RB_104	Rear	15mm	**A.185**	20.18	20.6	0.158	**0.17**	0.077	**0.08**	0.05
1	DSI9	Body	N41	2670	534000	30k 40M DFT PI/2 BPSK	1RB_104	Rear	15mm	**B**	20.18	20.6	0.139	**0.15**	0.064	**0.07**	0.11
1	DSI9	Body	N41	2670	534000	30k 20M CP 16QAM	25RB_12	Rear	15mm	\	19.96	20.6	0.132	**0.15**	0.059	**0.07**	-0.12
6	DSI9	Body	N41	2670	534000	30k 40M DFT PI/2 BPSK	1RB_105	Front	15mm	\	15.81	17	0.04	**0.05**	0.017	**0.02**	0.00
6	DSI9	Body	N41	2670	534000	30k 40M DFT PI/2 BPSK	1RB_105	Rear	15mm	**A.186**	15.81	17	0.041	**0.05**	0.018	**0.02**	0.00
6	DSI9	Body	N41	2670	534000	30k 40M DFT PI/2 BPSK	1RB_105	Rear	15mm	**B**	15.81	17	0.035	**0.05**	0.014	**0.02**	0.00
6	DSI9	Body	N41	2670	534000	30k 40M CP 16QAM	25RB_12	Rear	15mm	\	15.51	17	0.026	**0.04**	0.01	**0.01**	0.00

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DSI13 (Hotspot)

ANT	DSI	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode	RB setup	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
3	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	2RB_23	Front	10mm	\	16.64	17.7	0.072	**0.09**	0.034	**0.04**	-0.18
3	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	2RB_23	Rear	10mm	\	16.64	17.7	0.098	**0.13**	0.044	**0.06**	0.01
3	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	2RB_23	Left	10mm	**A.187**	16.64	17.7	0.17	**0.22**	0.08	**0.10**	0.09
3	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	2RB_23	Right	10mm	\	16.64	17.7	<0.01	**<0.01**	<0.01	**<0.01**	/
3	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	2RB_23	Top	10mm	\	16.64	17.7	<0.01	**<0.01**	<0.01	**<0.01**	/
3	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	2RB_23	Left	10mm	**B**	16.64	17.7	0.165	**0.21**	0.074	**0.09**	0.04
3	DSI13	Body	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Left	10mm	\	16.44	17.7	0.162	**0.22**	0.072	**0.10**	0.04
9	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Front	10mm	\	14.75	16.1	0.034	**0.05**	0.018	**0.02**	0.00
9	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Rear	10mm	\	14.75	16.1	<0.01	**<0.01**	<0.01	**<0.01**	/
9	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Left	10mm	\	14.75	16.1	<0.01	**<0.01**	<0.01	**<0.01**	/
9	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Right	10mm	\	14.75	16.1	0.047	**0.06**	0.024	**0.03**	0.08
9	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Top	10mm	**A.188**	14.75	16.1	0.055	**0.08**	0.025	**0.03**	-0.18
9	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Top	10mm	**B**	14.75	16.1	0.044	**0.06**	0.021	**0.03**	0.13
9	DSI13	Body	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Top	10mm	\	14.63	16.1	0.051	**0.07**	0.022	**0.03**	-0.05
1	DSI13	Body	N7	2535	507000	15k 5M DFT 16QAM	1RB_23	Front	10mm	\	19.04	20	0.162	**0.20**	0.082	**0.10**	0.00
1	DSI13	Body	N7	2535	507000	15k 5M DFT 16QAM	1RB_23	Rear	10mm	\	19.04	20	0.222	**0.28**	0.116	**0.14**	-0.02
1	DSI13	Body	N7	2535	507000	15k 5M DFT 16QAM	1RB_23	Left	10mm	\	19.04	20	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Body	N7	2535	507000	15k 5M DFT 16QAM	1RB_23	Right	10mm	\	19.04	20	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Body	N7	2535	507000	15k 5M DFT 16QAM	1RB_23	Bottom	10mm	**A.189**	19.04	20	0.37	**0.46**	0.179	**0.22**	0.03
1	DSI13	Body	N7	2535	507000	15k 5M DFT 16QAM	1RB_23	Bottom	10mm	**B**	19.04	20	0.342	**0.43**	0.156	**0.19**	0.04
1	DSI13	Body	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Bottom	10mm	\	18.57	20	0.33	**0.46**	0.151	**0.21**	-0.04
6	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Front	10mm	\	13.45	14.2	0.044	**0.05**	0.023	**0.03**	-0.12
6	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Rear	10mm	\	13.45	14.2	0.045	**0.05**	0.023	**0.03**	0.08
6	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Left	10mm	\	13.45	14.2	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Right	10mm	\	13.45	14.2	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Top	10mm	**A.190**	13.45	14.2	0.107	**0.13**	0.051	**0.06**	-0.07
6	DSI13	Body	N7	2535	507000	15k 5M DFT QPSK	1RB_23	Top	10mm	**B**	13.45	14.2	0.097	**0.12**	0.042	**0.05**	-0.03
6	DSI13	Body	N7	2535	507000	15k 5M CP 16QAM	12RB_6	Top	10mm	\	13.34	14.2	0.101	**0.12**	0.047	**0.06**	-0.11
3	DSI13	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Front	10mm	\	16.41	17.8	0.056	**0.08**	0.026	**0.04**	0.18
3	DSI13	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Rear	10mm	\	16.41	17.8	0.068	**0.09**	0.035	**0.05**	0.16
3	DSI13	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Left	10mm	**A.191**	16.41	17.8	0.15	**0.21**	0.07	**0.10**	-0.02
3	DSI13	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Right	10mm	\	16.41	17.8	<0.01	**<0.01**	<0.01	**<0.01**	/
3	DSI13	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Top	10mm	\	16.41	17.8	<0.01	**<0.01**	<0.01	**<0.01**	/
3	DSI13	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Left	10mm	**B**	16.41	17.8	0.136	**0.19**	0.059	**0.08**	0.04
3	DSI13	Body	N38	2580	516000	30k 20M CP QPSK	25RB_12	Left	10mm	\	16.32	17.8	0.136	**0.19**	0.065	**0.09**	-0.04
9	DSI13	Body	N38	2580	516000	30k 20M DFT QPSK	1RB_1	Front	10mm	\	15.15	16.2	0.044	**0.06**	0.019	**0.02**	0.00
9	DSI13	Body	N38	2580	516000	30k 20M DFT QPSK	1RB_1	Rear	10mm	\	15.15	16.2	0.043	**0.05**	0.02	**0.03**	-0.02
9	DSI13	Body	N38	2580	516000	30k 20M DFT QPSK	1RB_1	Left	10mm	\	15.15	16.2	<0.01	**<0.01**	<0.01	**<0.01**	/
9	DSI13	Body	N38	2580	516000	30k 20M DFT QPSK	1RB_1	Right	10mm	**A.192**	15.15	16.2	0.078	**0.10**	0.034	**0.04**	0.15
9	DSI13	Body	N38	2580	516000	30k 20M DFT QPSK	1RB_1	Top	10mm	\	15.15	16.2	0.067	**0.09**	0.025	**0.03**	0.07
9	DSI13	Body	N38	2580	516000	30k 20M DFT QPSK	1RB_1	Right	10mm	**B**	15.15	16.2	0.072	**0.09**	0.031	**0.04**	0.14
9	DSI13	Body	N38	2580	516000	30k 20M CP QPSK	25RB_12	Right	10mm	\	15.07	16.2	0.068	**0.09**	0.028	**0.04**	-0.17
1	DSI13	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Front	10mm	\	18.1	18.6	0.069	**0.08**	0.034	**0.04**	-0.15
1	DSI13	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Rear	10mm	\	18.1	18.6	0.067	**0.08**	0.034	**0.04**	-0.14
1	DSI13	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Left	10mm	\	18.1	18.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Right	10mm	\	18.1	18.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Bottom	10mm	**A.193**	18.1	18.6	0.115	**0.13**	0.053	**0.06**	-0.03
1	DSI13	Body	N38	2580	516000	30k 20M DFT PI/2 BPSK	1RB_1	Bottom	10mm	**B**	18.1	18.6	0.103	**0.12**	0.045	**0.05**	0.00
1	DSI13	Body	N38	2580	516000	30k 20M CP QPSK	25RB_12	Bottom	10mm	\	17.96	18.6	0.109	**0.13**	0.049	**0.06**	0.01
6	DSI13	Body	N38	2580	516000	30k 20M DFT 16QAM	1RB_0	Front	10mm	\	14.13	14.7	0.032	**0.04**	0.017	**0.02**	0.00
6	DSI13	Body	N38	2580	516000	30k 20M DFT 16QAM	1RB_0	Rear	10mm	\	14.13	14.7	0.029	**0.03**	0.015	**0.02**	0.00
6	DSI13	Body	N38	2580	516000	30k 20M DFT 16QAM	1RB_0	Left	10mm	\	14.13	14.7	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Body	N38	2580	516000	30k 20M DFT 16QAM	1RB_0	Right	10mm	\	14.13	14.7	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Body	N38	2580	516000	30k 20M DFT 16QAM	1RB_0	Top	10mm	**A.194**	14.13	14.7	0.073	**0.08**	0.033	**0.04**	0.07
6	DSI13	Body	N38	2580	516000	30k 20M DFT 16QAM	1RB_0	Top	10mm	**B**	14.13	14.7	0.064	**0.07**	0.026	**0.03**	-0.04
6	DSI13	Body	N38	2580	516000	30k 20M CP QPSK	25RB_12	Top	10mm	\	13.79	14.70	0.06	**0.07**	0.02	0.03	0.00
3	DSI13	Body	N41	2506.02	501204	30k 20M DFT 16QAM	1RB_49	Front	10mm	\	18.09	19.1	0.088	**0.11**	0.039	**0.05**	0.07
3	DSI13	Body	N41	2506.02	501204	30k 20M DFT 16QAM	1RB_49	Rear	10mm	\	18.09	19.1	0.11	**0.14**	0.051	**0.06**	-0.05
3	DSI13	Body	N41	2506.02	501204	30k 20M DFT 16QAM	1RB_49	Left	10mm	**A.195**	18.09	19.1	0.2	**0.25**	0.088	**0.11**	0.01
3	DSI13	Body	N41	2506.02	501204	30k 20M DFT 16QAM	1RB_49	Right	10mm	\	18.09	19.1	<0.01	**<0.01**	<0.01	**<0.01**	/
3	DSI13	Body	N41	2506.02	501204	30k 20M DFT 16QAM	1RB_49	Top	10mm	\	18.09	19.1	<0.01	**<0.01**	<0.01	**<0.01**	/
3	DSI13	Body	N41	2506.02	501204	30k 20M DFT 16QAM	1RB_49	Left	10mm	**B**	18.09	19.1	0.189	**0.24**	0.076	**0.10**	-0.02
3	DSI13	Body	N41	2506.02	501204	30k 20M CP QPSK	25RB_12	Left	10mm	\	17.65	19.1	0.18	**0.25**	0.071	**0.10**	-0.04
9	DSI13	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	2RB_0	Front	10mm	\	14.23	15.3	0.047	**0.06**	0.021	**0.03**	-0.07
9	DSI13	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	2RB_0	Rear	10mm	\	14.23	15.3	0.053	**0.07**	0.024	**0.03**	-0.10
9	DSI13	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	2RB_0	Left	10mm	\	14.23	15.3	<0.01	**<0.01**	<0.01	**<0.01**	/
9	DSI13	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	2RB_0	Right	10mm	\	14.23	15.3	<0.01	**<0.01**	<0.01	**<0.01**	/
9	DSI13	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	2RB_0	Top	10mm	**A.196**	14.23	15.3	0.08	**0.10**	0.033	**0.04**	0.08
9	DSI13	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	2RB_0	Top	10mm	**B**	14.23	15.3	0.069	**0.09**	0.029	**0.04**	-0.10
9	DSI13	Body	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Top	10mm	\	14.17	15.3	0.072	**0.09**	0.03	**0.04**	-0.10
1	DSI13	Body	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Front	10mm	\	18	18.6	0.166	**0.19**	0.082	**0.09**	0.13
1	DSI13	Body	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Rear	10mm	\	18	18.6	0.186	**0.21**	0.087	**0.10**	0.16
1	DSI13	Body	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Left	10mm	\	18	18.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Body	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Right	10mm	\	18	18.6	<0.01	**<0.01**	<0.01	**<0.01**	/
1	DSI13	Body	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Bottom	10mm	**A.197**	18	18.6	0.297	**0.34**	0.137	**0.16**	0.19
1	DSI13	Body	N41	2679.99	535998	30k 20M CP 16QAM	25RB_12	Bottom	10mm	**B**	18	18.6	0.263	**0.30**	0.118	**0.14**	-0.01
1	DSI13	Body	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	25RB_12	Bottom	10mm	\	17.94	18.6	0.272	**0.32**	0.123	**0.14**	-0.09
6	DSI13	Body	N41	2516.01	503202	30k 40M DFT QPSK	1RB_104	Front	10mm	\	12.14	13.5	0.034	**0.05**	0.017	**0.02**	0.00
6	DSI13	Body	N41	2516.01	503202	30k 40M DFT QPSK	1RB_104	Rear	10mm	\	12.14	13.5	0.032	**0.04**	0.017	**0.02**	0.00
6	DSI13	Body	N41	2516.01	503202	30k 40M DFT QPSK	1RB_104	Left	10mm	\	12.14	13.5	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Body	N41	2516.01	503202	30k 40M DFT QPSK	1RB_104	Right	10mm	\	12.14	13.5	<0.01	**<0.01**	<0.01	**<0.01**	/
6	DSI13	Body	N41	2516.01	503202	30k 40M DFT QPSK	1RB_104	Top	10mm	**A.198**	12.14	13.5	0.09	**0.12**	0.041	**0.06**	-0.10
6	DSI13	Body	N41	2516.01	503202	30k 40M DFT QPSK	1RB_104	Top	10mm	**B**	12.14	13.5	0.081	**0.11**	0.039	**0.05**	-0.10
6	DSI13	Body	N41	2516.01	503202	30k 40M CP 16QAM	50RB_25	Top	10mm	\	12.03	13.5	0.077	**0.11**	0.037	**0.05**	-0.15

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14.3 SAR results for WLAN

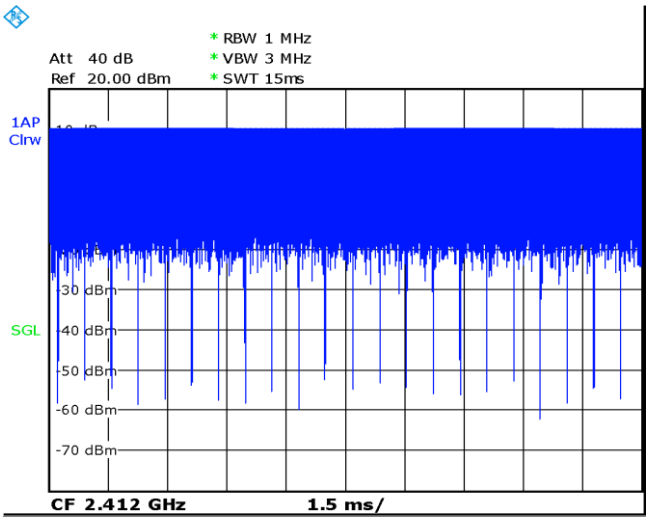
The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default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

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

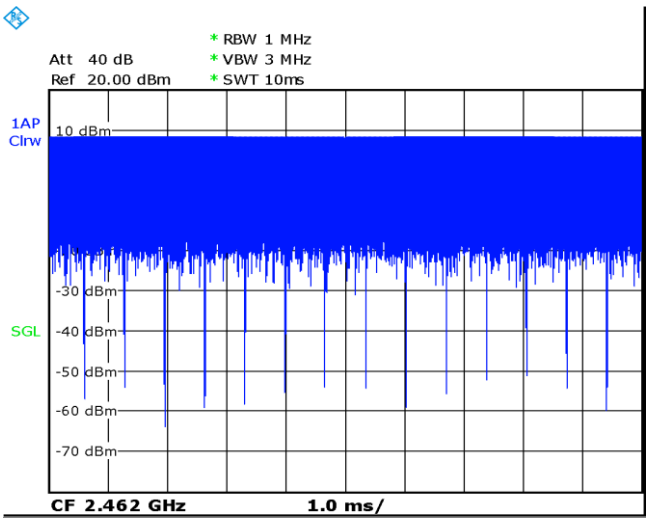
SAR Test reduction was applied from KDB 248227 guidance, when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest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

Duty factor plot

Core0 CH1

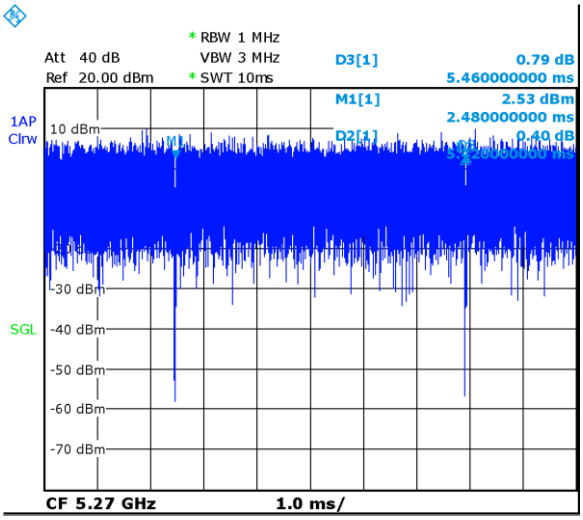


Core1 CH11

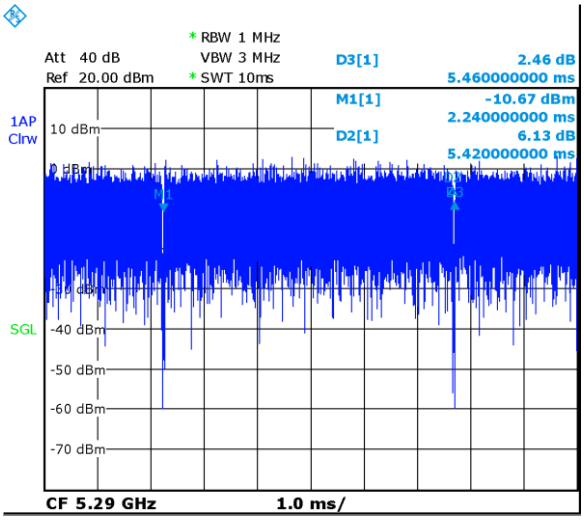


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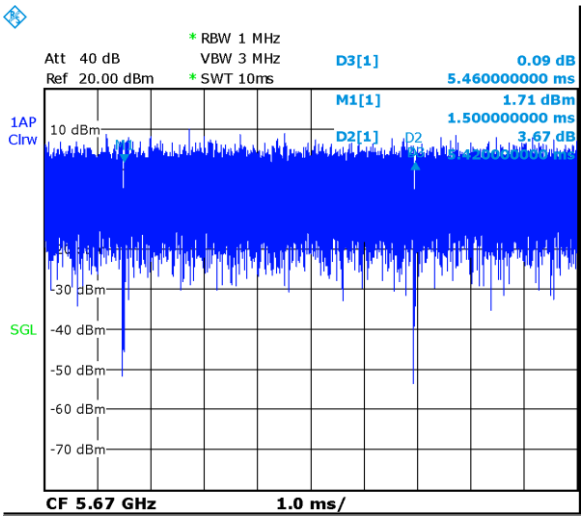
Core0 CH54



Core0 CH58

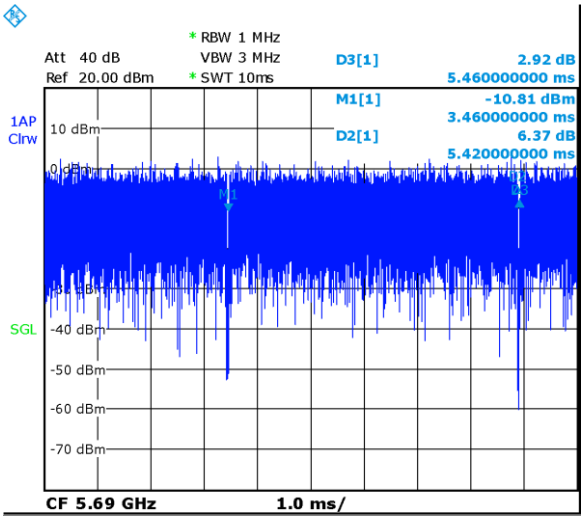


Core0 CH134

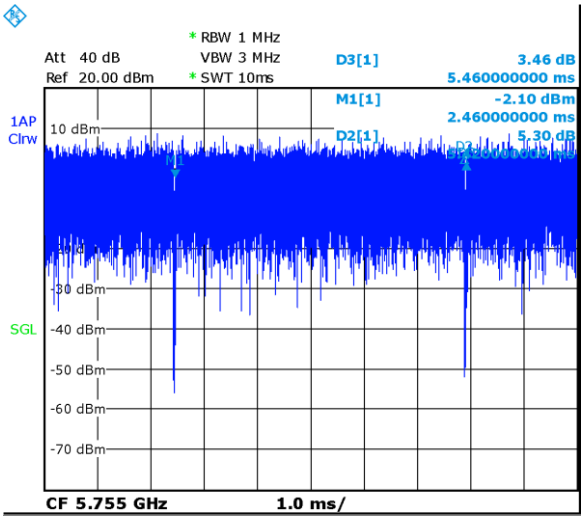


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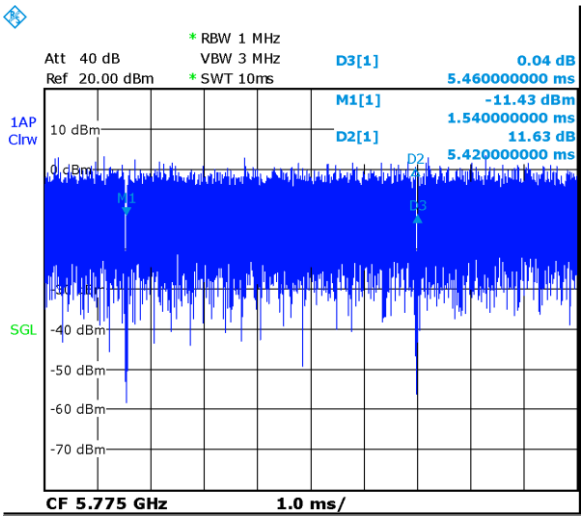
Core0 CH138



Core0 CH151

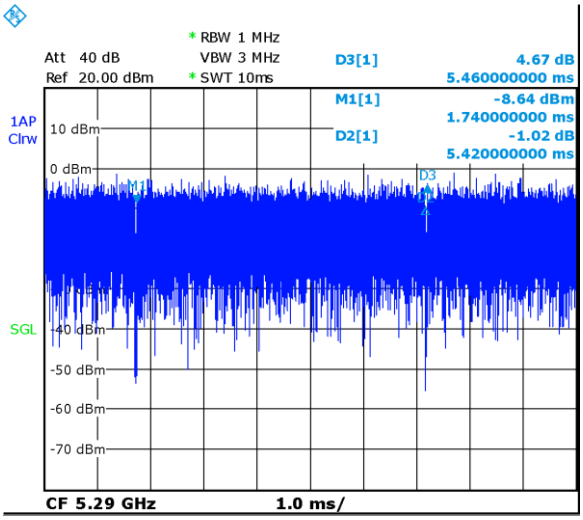


Core0 CH155

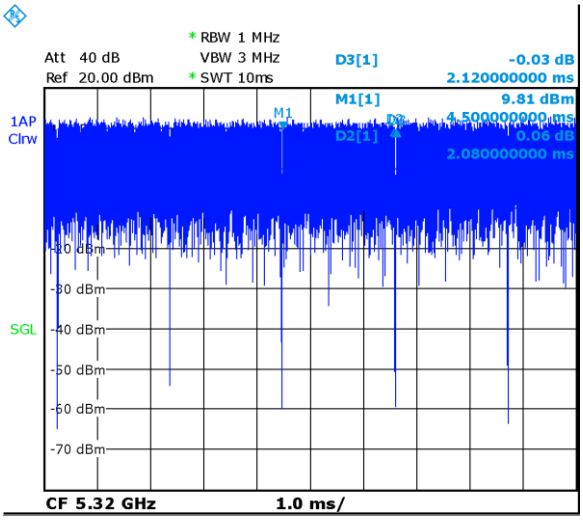


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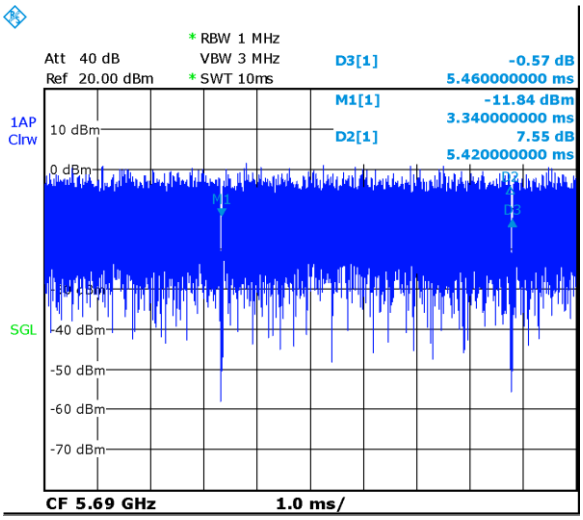
Core1 CH58



Core1 CH64

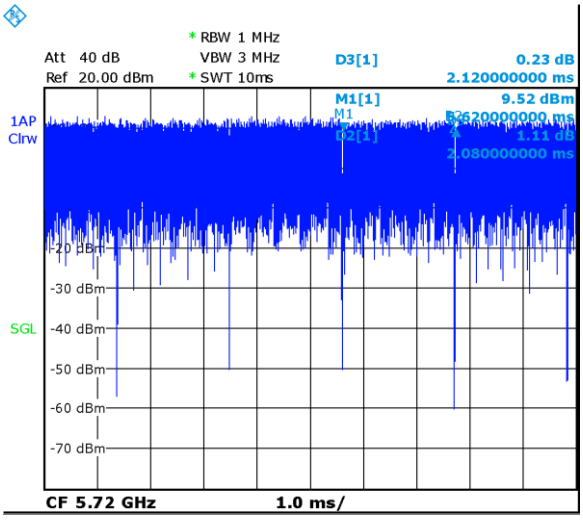


Core1 CH138

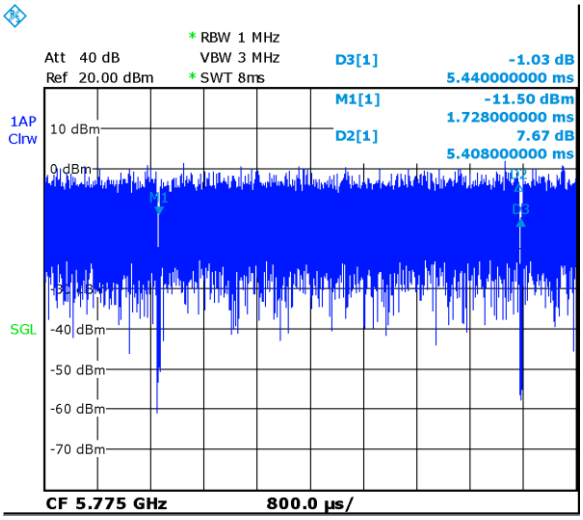


Core1 CH144

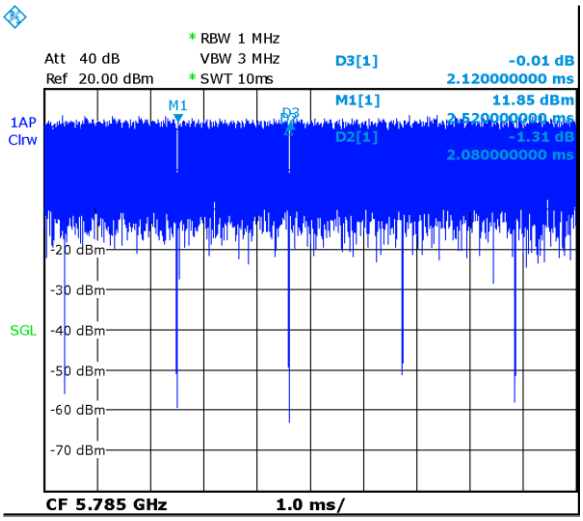
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Core1 CH155



Core1 CH157



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WLAN 2.4G SISO

Core	Simultaneous	Test Position	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Duty Cycle	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
core0	cell+WIFI Rcv on	Head	WLAN 2.4G	1	2412	11b	Cheek Left	0mm	A.199	12.17	13	100%	0.174	**0.21**	0.076	**0.09**	0.05
core0	cell+WIFI Rcv on	Head	WLAN 2.4G	1	2412	11b	Tilt Left	0mm	\	12.17	13	100%	0.164	**0.20**	0.074	**0.09**	0.19
core0	cell+WIFI Rcv on	Head	WLAN 2.4G	1	2412	11b	Cheek Right	0mm	\	12.17	13	100%	0.107	**0.13**	0.053	**0.06**	0.08
core0	cell+WIFI Rcv on	Head	WLAN 2.4G	1	2412	11b	Tilt Right	0mm	\	12.17	13	100%	0.119	**0.14**	0.059	**0.07**	0.05
core0	cell+WIFI Rcv on	Head	WLAN 2.4G	1	2412	11b	Cheek Left	0mm	B	12.17	13	100%	0.158	**0.19**	0.067	**0.08**	0.12
core0	Rcv off	Body	WLAN 2.4G	1	2412	11b	Front	10mm	\	15.16	16.5	100%	0.081	**0.11**	0.041	**0.06**	0.02
core0	Rcv off	Body	WLAN 2.4G	1	2412	11b	Rear	10mm	\	15.16	16.5	100%	0.093	**0.13**	0.049	**0.07**	0.07
core0	Rcv off	Body	WLAN 2.4G	1	2412	11b	Right	10mm	\	15.16	16.5	100%	0.044	**0.06**	0.022	**0.03**	-0.09
core0	Rcv off	Body	WLAN 2.4G	1	2412	11b	Top	10mm	A.200	15.16	16.5	100%	0.132	**0.18**	0.065	**0.09**	0.08
core0	Rcv off	Body	WLAN 2.4G	1	2412	11b	Top	10mm	B	15.16	16.5	100%	0.119	**0.16**	0.052	**0.07**	-0.07
core0	cell+WIFI Rcv off	Body	WLAN 2.4G	1	2412	11b	Front	10mm	\	14.12	15	100%	0.057	**0.07**	0.029	**0.04**	0.13
core0	cell+WIFI Rcv off	Body	WLAN 2.4G	1	2412	11b	Rear	10mm	\	14.12	15	100%	0.061	**0.07**	0.031	**0.04**	-0.01
core0	cell+WIFI Rcv off	Body	WLAN 2.4G	1	2412	11b	Right	10mm	\	14.12	15	100%	0.032	**0.04**	0.015	**0.02**	0.08
core0	cell+WIFI Rcv off	Body	WLAN 2.4G	1	2412	11b	Top	10mm	A.201	14.12	15	100%	0.092	**0.11**	0.044	**0.05**	0.18
core0	cell+WIFI Rcv off	Body	WLAN 2.4G	1	2412	11b	Top	10mm	B	14.12	15	100%	0.076	**0.09**	0.033	**0.04**	0.01
core1	cell+WIFI Rcv on	Head	WLAN 2.4G	11	2462	11b	Cheek Left	0mm	A.202	12.07	13	100%	0.079	**0.10**	0.025	**0.03**	0.07
core1	cell+WIFI Rcv on	Head	WLAN 2.4G	11	2462	11b	Tilt Left	0mm	\	12.07	13	100%	0.038	**0.05**	0.011	**0.01**	0.00
core1	cell+WIFI Rcv on	Head	WLAN 2.4G	11	2462	11b	Cheek Right	0mm	\	12.07	13	100%	0.011	**0.01**	0.003	**0.00**	0.00
core1	cell+WIFI Rcv on	Head	WLAN 2.4G	11	2462	11b	Tilt Right	0mm	\	12.07	13	100%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv on	Head	WLAN 2.4G	11	2462	11b	Cheek Left	0mm	B	12.07	13	100%	0.064	**0.08**	0.019	**0.02**	0.13
core1	Rcv off	Body	WLAN 2.4G	11	2462	11b	Front	10mm	\	14.56	15.5	100%	0.034	**0.04**	0.019	**0.02**	0.19
core1	Rcv off	Body	WLAN 2.4G	11	2462	11b	Rear	10mm	\	14.56	15.5	100%	0.045	**0.06**	0.025	**0.03**	0.18
core1	Rcv off	Body	WLAN 2.4G	11	2462	11b	Right	10mm	\	14.56	15.5	100%	0.032	**0.04**	0.01	**0.01**	0.00
core1	Rcv off	Body	WLAN 2.4G	11	2462	11b	Top	10mm	A.203	14.56	15.5	100%	0.078	**0.10**	0.037	**0.05**	-0.05
core1	Rcv off	Body	WLAN 2.4G	11	2462	11b	Top	10mm	B	14.56	15.5	100%	0.064	**0.08**	0.032	**0.04**	0.02
core1	cell+WIFI Rcv off	Body	WLAN 2.4G	11	2462	11b	Front	10mm	\	14.05	15	100%	0.032	**0.04**	0.017	**0.02**	-0.09
core1	cell+WIFI Rcv off	Body	WLAN 2.4G	11	2462	11b	Rear	10mm	\	14.05	15	100%	0.042	**0.05**	0.023	**0.03**	0.08
core1	cell+WIFI Rcv off	Body	WLAN 2.4G	11	2462	11b	Right	10mm	\	14.05	15	100%	0.03	**0.04**	0.01	**0.01**	0.00
core1	cell+WIFI Rcv off	Body	WLAN 2.4G	11	2462	11b	Top	10mm	A.204	14.05	15	100%	0.08	**0.10**	0.038	**0.05**	-0.10
core1	cell+WIFI Rcv off	Body	WLAN 2.4G	11	2462	11b	Top	10mm	B	14.05	15	100%	0.069	**0.09**	0.033	**0.04**	-0.01

WLAN 2.4G MIMO

Core	Simultaneous	Test Position	Frequency Band	Test Position	Distance	core0 MAX Reported SAR 1g (W/kg)	core1 MAX Reported SAR 1g (W/kg)	core0+core1 MAX Reported SAR 1g (W/kg)
core0+core1	cell+WIFI Rcv on	Head	WLAN 2.4G	Cheek Left	0mm	**0.21**	**0.10**	**0.31**
core0+core1	cell+WIFI Rcv on	Head	WLAN 2.4G	Tilt Left	0mm	**0.20**	**0.05**	**0.25**
core0+core1	cell+WIFI Rcv on	Head	WLAN 2.4G	Cheek Right	0mm	**0.13**	**0.01**	**0.14**
core0+core1	cell+WIFI Rcv on	Head	WLAN 2.4G	Tilt Right	0mm	**0.14**	**<0.01**	**0.14**
core0+core1	Rcv off	Body	WLAN 2.4G	Front	10mm	**0.11**	**0.04**	**0.15**
core0+core1	Rcv off	Body	WLAN 2.4G	Rear	10mm	**0.13**	**0.06**	**0.18**
core0+core1	Rcv off	Body	WLAN 2.4G	Right	10mm	**0.06**	**0.04**	**0.10**
core0+core1	Rcv off	Body	WLAN 2.4G	Top	10mm	**0.18**	**0.10**	**0.28**
core0+core1	cell+WIFI Rcv off	Body	WLAN 2.4G	Front	10mm	**0.07**	**0.04**	**0.11**
core0+core1	cell+WIFI Rcv off	Body	WLAN 2.4G	Rear	10mm	**0.07**	**0.05**	**0.13**
core0+core1	cell+WIFI Rcv off	Body	WLAN 2.4G	Right	10mm	**0.04**	**0.04**	**0.08**
core0+core1	cell+WIFI Rcv off	Body	WLAN 2.4G	Top	10mm	**0.11**	**0.10**	**0.21**

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WLAN 5G SISO

Core	Simultaneous	Test Position	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Duty Cycle	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
core0	cell+WIFI Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Cheek Left	0mm	\	10.49	11.1	99.30%	0.341	**0.40**	0.09	**0.10**	0.06
core0	cell+WIFI Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Tilt Left	0mm	A.205	10.49	11.1	99.30%	0.357	**0.41**	0.096	**0.11**	0.05
core0	cell+WIFI Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Cheek Right	0mm	\	10.49	11.1	99.30%	0.226	**0.26**	0.078	**0.09**	0.03
core0	cell+WIFI Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Tilt Right	0mm	\	10.49	11.1	99.30%	0.21	**0.24**	0.075	**0.09**	0.03
core0	cell+WIFI Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Cheek Left	0mm	\	10.16	11.1	99.30%	0.103	**0.13**	0.026	**0.03**	-0.04
core0	cell+WIFI Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Tilt Left	0mm	\	10.16	11.1	99.30%	0.104	**0.13**	0.028	**0.04**	-0.12
core0	cell+WIFI Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Cheek Right	0mm	\	10.16	11.1	99.30%	0.069	**0.09**	0.024	**0.03**	0.10
core0	cell+WIFI Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Tilt Right	0mm	\	10.16	11.1	99.30%	0.064	**0.08**	0.023	**0.03**	-0.06
core0	cell+WIFI Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Cheek Left	0mm	\	10.42	11.1	99.30%	0.085	**0.10**	0.019	**0.02**	-0.12
core0	cell+WIFI Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Tilt Left	0mm	\	10.42	11.1	99.30%	0.086	**0.10**	0.02	**0.02**	0.06
core0	cell+WIFI Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Cheek Right	0mm	\	10.42	11.1	99.30%	0.057	**0.07**	0.017	**0.02**	-0.05
core0	cell+WIFI Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Tilt Right	0mm	\	10.42	11.1	99.30%	0.053	**0.06**	0.016	**0.02**	0.02
core0	cell+WIFI Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Tilt Left	0mm	B	10.49	11.1	99.30%	0.316	**0.37**	0.081	**0.09**	0.16
core0	cell+WIFI+BT Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Cheek Left	0mm	A.206	9.1	10.1	99.30%	0.253	**0.32**	0.063	**0.08**	0.11
core0	cell+WIFI+BT Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Tilt Left	0mm	\	9.1	10.1	99.30%	0.226	**0.29**	0.061	**0.08**	0.03
core0	cell+WIFI+BT Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Cheek Right	0mm	\	9.1	10.1	99.30%	0.171	**0.22**	0.055	**0.07**	0.13
core0	cell+WIFI+BT Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Tilt Right	0mm	\	9.1	10.1	99.30%	0.168	**0.21**	0.055	**0.07**	0.19
core0	cell+WIFI+BT Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Cheek Left	0mm	\	9.24	10.1	99.30%	0.081	**0.10**	0.017	**0.02**	-0.09
core0	cell+WIFI+BT Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Tilt Left	0mm	\	9.24	10.1	99.30%	0.07	**0.09**	0.016	**0.02**	0.04
core0	cell+WIFI+BT Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Cheek Right	0mm	\	9.24	10.1	99.30%	0.055	**0.07**	0.015	**0.02**	0.15
core0	cell+WIFI+BT Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Tilt Right	0mm	\	9.24	10.1	99.30%	0.054	**0.07**	0.013	**0.02**	0.15
core0	cell+WIFI+BT Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Cheek Left	0mm	\	9.33	10.1	99.30%	0.072	**0.09**	0.018	**0.02**	0.12
core0	cell+WIFI+BT Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Tilt Left	0mm	\	9.33	10.1	99.30%	0.067	**0.08**	0.015	**0.02**	0.02
core0	cell+WIFI+BT Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Cheek Right	0mm	\	9.33	10.1	99.30%	0.049	**0.06**	0.016	**0.02**	-0.19
core0	cell+WIFI+BT Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Tilt Right	0mm	\	9.33	10.1	99.30%	0.048	**0.06**	0.013	**0.02**	-0.17
core0	cell+WIFI+BT Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Cheek Left	0mm	B	9.33	10.1	99.30%	0.231	**0.28**	0.058	**0.07**	0.13
core0	Rcv Off	Body	WLAN 5G	54	5270	11n-40M	Front	10mm	\	16.48	17.1	99.30%	0.212	**0.25**	0.074	**0.09**	-0.09
core0	Rcv Off	Body	WLAN 5G	54	5270	11n-40M	Rear	10mm	\	16.48	17.1	99.30%	0.202	**0.23**	0.078	**0.09**	-0.17
core0	Rcv Off	Body	WLAN 5G	54	5270	11n-40M	Right	10mm	\	16.48	17.1	99.30%	0.061	**0.07**	0.024	**0.03**	-0.07
core0	Rcv Off	Body	WLAN 5G	54	5270	11n-40M	Top	10mm	A.207	16.48	17.1	99.30%	0.282	**0.33**	0.09	**0.10**	-0.18
core0	Rcv Off	Body	WLAN 5G	134	5670	11n-40M	Front	10mm	\	16.41	17.1	99.30%	0.104	**0.12**	0.036	**0.04**	0.09
core0	Rcv Off	Body	WLAN 5G	134	5670	11n-40M	Rear	10mm	\	16.41	17.1	99.30%	0.102	**0.12**	0.037	**0.04**	-0.15
core0	Rcv Off	Body	WLAN 5G	134	5670	11n-40M	Right	10mm	\	16.41	17.1	99.30%	0.033	**0.04**	0.014	**0.02**	0.04
core0	Rcv Off	Body	WLAN 5G	134	5670	11n-40M	Top	10mm	\	16.41	17.1	99.30%	0.151	**0.18**	0.051	**0.06**	-0.11
core0	Rcv Off	Body	WLAN 5G	151	5755	11n-40M	Front	10mm	\	16.51	17.1	99.30%	0.098	**0.11**	0.036	**0.04**	-0.07
core0	Rcv Off	Body	WLAN 5G	151	5755	11n-40M	Rear	10mm		16.51	17.1	99.30%	0.08	**0.09**	0.033	**0.04**	0.05
core0	Rcv Off	Body	WLAN 5G	151	5755	11n-40M	Right	10mm	\	16.51	17.1	99.30%	0.024	**0.03**	0.01	**0.01**	0.00
core0	Rcv Off	Body	WLAN 5G	151	5755	11n-40M	Top	10mm	\	16.51	17.1	99.30%	0.112	**0.13**	0.038	**0.04**	-0.13
core0	Rcv Off	Body	WLAN 5G	54	5270	11n-40M	Top	10mm	B	16.48	17.1	99.30%	0.273	**0.32**	0.084	**0.10**	0.04
core0	cell+WIFI Rcv off	Body	WLAN 5G	58	5290	11ac-80M	Front	10mm	\	12.12	13.1	99.30%	0.067	**0.08**	0.013	**0.02**	0.05
core0	cell+WIFI Rcv off	Body	WLAN 5G	58	5290	11ac-80M	Rear	10mm	\	12.12	13.1	99.30%	0.064	**0.08**	0.022	**0.03**	0.06
core0	cell+WIFI Rcv off	Body	WLAN 5G	58	5290	11ac-80M	Right	10mm	\	12.12	13.1	99.30%	0.013	**0.02**	0.003	**0.00**	0.00
core0	cell+WIFI Rcv off	Body	WLAN 5G	58	5290	11ac-80M	Top	10mm	A.208	12.12	13.1	99.30%	0.092	**0.12**	0.028	**0.04**	-0.08
core0	cell+WIFI Rcv off	Body	WLAN 5G	138	5690	11ac-80M	Front	10mm	\	12.33	13.1	99.30%	0.024	**0.03**	<0.01	**<0.01**	/
core0	cell+WIFI Rcv off	Body	WLAN 5G	138	5690	11ac-80M	Rear	10mm	\	12.33	13.1	99.30%	0.022	**0.03**	<0.01	**<0.01**	/
core0	cell+WIFI Rcv off	Body	WLAN 5G	138	5690	11ac-80M	Right	10mm	\	12.33	13.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core0	cell+WIFI Rcv off	Body	WLAN 5G	138	5690	11ac-80M	Top	10mm	\	12.33	13.1	99.30%	0.037	**0.04**	0.013	**0.02**	0.03
core0	cell+WIFI Rcv off	Body	WLAN 5G	155	5775	11ac-80M	Front	10mm	\	12.51	13.1	99.30%	0.027	**0.03**	0.01	**0.01**	0.00
core0	cell+WIFI Rcv off	Body	WLAN 5G	155	5775	11ac-80M	Rear	10mm	\	12.51	13.1	99.30%	0.021	**0.02**	0.008	**0.01**	0.00
core0	cell+WIFI Rcv off	Body	WLAN 5G	155	5775	11ac-80M	Right	10mm	\	12.51	13.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core0	cell+WIFI Rcv off	Body	WLAN 5G	155	5775	11ac-80M	Top	10mm	\	12.51	13.1	99.30%	0.03	**0.03**	0.01	**0.01**	0.00
core0	cell+WIFI Rcv off	Body	WLAN 5G	58	5290	11ac-80M	Top	10mm	B	12.12	13.1	99.30%	0.084	**0.11**	0.024	**0.03**	0.05
core1	cell+WIFI Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Cheek Left	0mm	\	10.15	11.1	99.30%	0.018	**0.02**	0.004	**0.01**	0.00
core1	cell+WIFI Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Tilt Left	0mm	\	10.15	11.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Cheek Right	0mm	\	10.15	11.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Tilt Right	0mm	\	10.15	11.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Cheek Left	0mm	A.209	10.67	11.1	99.30%	0.058	**0.06**	0.016	**0.02**	0.01
core1	cell+WIFI Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Tilt Left	0mm	\	10.67	11.1	99.30%	0.052	**0.06**	0.015	**0.02**	0.12
core1	cell+WIFI Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Cheek Right	0mm	\	10.67	11.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Tilt Right	0mm	\	10.67	11.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Cheek Left	0mm	\	10.61	11.1	99.40%	0.057	**0.06**	0.016	**0.02**	0.01
core1	cell+WIFI Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Tilt Left	0mm	\	10.61	11.1	99.40%	0.049	**0.06**	0.014	**0.02**	0.06
core1	cell+WIFI Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Cheek Right	0mm	\	10.61	11.1	99.40%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Tilt Right	0mm	\	10.61	11.1	99.40%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Cheek Left	0mm	B	10.67	11.1	99.30%	0.044	**0.05**	0.01	**0.01**	0.00
core1	cell+WIFI+BT Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Cheek Left	0mm	\	9.14	10.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI+BT Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Tilt Left	0mm	\	9.14	10.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI+BT Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Cheek Right	0mm	\	9.14	10.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI+BT Rcv on	Head	WLAN 5G	58	5290	11ac-80M	Tilt Right	0mm	\	9.14	10.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI+BT Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Cheek Left	0mm	\	10.01	10.1	99.30%	0.046	**0.05**	0.014	**0.01**	0.00
core1	cell+WIFI+BT Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Tilt Left	0mm	\	10.01	10.1	99.30%	0.038	**0.04**	0.009	**0.01**	0.00
core1	cell+WIFI+BT Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Cheek Right	0mm	\	10.01	10.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI+BT Rcv on	Head	WLAN 5G	138	5690	11ac-80M	Tilt Right	0mm	\	10.01	10.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI+BT Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Cheek Left	0mm	A.210	10.05	10.1	99.40%	0.055	**0.06**	0.015	**0.02**	0.06
core1	cell+WIFI+BT Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Tilt Left	0mm	\	10.05	10.1	99.40%	0.045	**0.05**	0.01	**0.01**	0.00
core1	cell+WIFI+BT Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Cheek Right	0mm	\	10.05	10.1	99.40%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI+BT Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Tilt Right	0mm	\	10.05	10.1	99.40%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI+BT Rcv on	Head	WLAN 5G	155	5775	11ac-80M	Cheek Left	0mm	B	10.05	10.1	99.40%	0.052	**0.05**	0.012	**0.01**	0.00

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Core	Simultaneous	Test Position	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Duty Cycle	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
core1	Rcv Off	Body	WLAN 5G	64	5320	11a	Front	10mm	\	16.4	17.1	98.10%	0.032	**0.04**	0.01	**0.01**	0.00
core1	Rcv Off	Body	WLAN 5G	64	5320	11a	Rear	10mm	\	16.4	17.1	98.10%	0.088	**0.11**	0.029	**0.03**	-0.09
core1	Rcv Off	Body	WLAN 5G	64	5320	11a	Right	10mm	\	16.4	17.1	98.10%	0.124	**0.15**	0.043	**0.05**	-0.08
core1	Rcv Off	Body	WLAN 5G	64	5320	11a	Top	10mm	\	16.4	17.1	98.10%	0.043	**0.05**	0.012	**0.01**	0.00
core1	Rcv Off	Body	WLAN 5G	144	5720	11a	Front	10mm	\	16.67	17.1	98.10%	0.13	**0.15**	0.041	**0.05**	-0.02
core1	Rcv Off	Body	WLAN 5G	144	5720	11a	Rear	10mm	\	16.67	17.1	98.10%	0.299	**0.34**	0.114	**0.13**	0.01
core1	Rcv Off	Body	WLAN 5G	144	5720	11a	Right	10mm	\	16.67	17.1	98.10%	0.449	**0.51**	0.166	**0.19**	-0.02
core1	Rcv Off	Body	WLAN 5G	144	5720	11a	Top	10mm	\	16.67	17.1	98.10%	0.078	**0.09**	0.031	**0.03**	-0.07
core1	Rcv Off	Body	WLAN 5G	157	5785	11a	Front	10mm	\	16.85	17.1	98.10%	0.131	**0.14**	0.04	**0.04**	0.03
core1	Rcv Off	Body	WLAN 5G	157	5785	11a	Rear	10mm	\	16.85	17.1	98.10%	0.325	**0.35**	0.118	**0.13**	0.06
core1	Rcv Off	Body	WLAN 5G	157	5785	11a	Right	10mm	A.211	16.85	17.1	98.10%	0.51	**0.55**	0.18	**0.19**	0.04
core1	Rcv Off	Body	WLAN 5G	157	5785	11a	Top	10mm	\	16.85	17.1	98.10%	0.074	**0.08**	0.031	**0.03**	0.06
core1	Rcv Off	Body	WLAN 5G	157	5785	11a	Right	10mm	B	16.85	17.1	98.10%	0.476	**0.51**	0.169	**0.18**	0.13
core1	cell+WIFI Rcv off	Body	WLAN 5G	58	5290	11ac-80M	Front	10mm	\	12.39	13.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv off	Body	WLAN 5G	58	5290	11ac-80M	Rear	10mm	\	12.39	13.1	99.30%	0.02	**0.02**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv off	Body	WLAN 5G	58	5290	11ac-80M	Right	10mm	\	12.39	13.1	99.30%	0.028	**0.03**	0.01	**0.01**	0.00
core1	cell+WIFI Rcv off	Body	WLAN 5G	58	5290	11ac-80M	Top	10mm	\	12.39	13.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv off	Body	WLAN 5G	138	5690	11ac-80M	Front	10mm	\	12.72	13.1	99.30%	0.029	**0.03**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv off	Body	WLAN 5G	138	5690	11ac-80M	Rear	10mm	\	12.72	13.1	99.30%	0.046	**0.05**	0.016	**0.02**	0.11
core1	cell+WIFI Rcv off	Body	WLAN 5G	138	5690	11ac-80M	Right	10mm	A.212	12.72	13.1	99.30%	0.094	**0.10**	0.031	**0.03**	0.09
core1	cell+WIFI Rcv off	Body	WLAN 5G	138	5690	11ac-80M	Top	10mm	\	12.72	13.1	99.30%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv off	Body	WLAN 5G	155	5775	11ac-80M	Front	10mm	\	12.84	13.1	99.40%	0.027	**0.03**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv off	Body	WLAN 5G	155	5775	11ac-80M	Rear	10mm	\	12.84	13.1	99.40%	0.068	**0.07**	0.022	**0.02**	-0.12
core1	cell+WIFI Rcv off	Body	WLAN 5G	155	5775	11ac-80M	Right	10mm	\	12.84	13.1	99.40%	0.088	**0.09**	0.029	**0.03**	0.00
core1	cell+WIFI Rcv off	Body	WLAN 5G	155	5775	11ac-80M	Top	10mm	\	12.84	13.1	99.40%	<0.01	**<0.01**	<0.01	**<0.01**	/
core1	cell+WIFI Rcv off	Body	WLAN 5G	138	5690	11ac-80M	Right	10mm	B	12.72	13.1	99.30%	0.085	**0.09**	0.024	**0.03**	0.00

WLAN 5G MIMO

Core	Simultaneous	Test Position	Frequency Band	Test Position	Distance	core0 MAX Reported SAR 1g (W/kg)	core1 MAX Reported SAR 1g (W/kg)	core0+core1 MAX Reported SAR 1g (W/kg)
core0+core1	cell+WIFI Rcv on	Head	WLAN 5G UNII-2A	Cheek Left	0mm	**0.40**	**0.02**	**0.42**
core0+core1	cell+WIFI Rcv on	Head	WLAN 5G UNII-2A	Tilt Left	0mm	**0.41**	**<0.01**	**0.41**
core0+core1	cell+WIFI Rcv on	Head	WLAN 5G UNII-2A	Cheek Right	0mm	**0.26**	**<0.01**	**0.26**
core0+core1	cell+WIFI Rcv on	Head	WLAN 5G UNII-2A	Tilt Right	0mm	**0.24**	**<0.01**	**0.24**
core0+core1	cell+WIFI Rcv on	Head	WLAN 5G UNII-2C	Cheek Left	0mm	**0.13**	**0.06**	**0.19**
core0+core1	cell+WIFI Rcv on	Head	WLAN 5G UNII-2C	Tilt Left	0mm	**0.13**	**0.06**	**0.19**
core0+core1	cell+WIFI Rcv on	Head	WLAN 5G UNII-2C	Cheek Right	0mm	**0.09**	**<0.01**	**0.09**
core0+core1	cell+WIFI Rcv on	Head	WLAN 5G UNII-2C	Tilt Right	0mm	**0.08**	**<0.01**	**0.08**
core0+core1	cell+WIFI Rcv on	Head	WLAN 5G UNII-3	Cheek Left	0mm	**0.10**	**0.06**	**0.16**
core0+core1	cell+WIFI Rcv on	Head	WLAN 5G UNII-3	Tilt Left	0mm	**0.10**	**0.06**	**0.16**
core0+core1	cell+WIFI Rcv on	Head	WLAN 5G UNII-3	Cheek Right	0mm	**0.07**	**<0.01**	**0.07**
core0+core1	cell+WIFI Rcv on	Head	WLAN 5G UNII-3	Tilt Right	0mm	**0.06**	**<0.01**	**0.06**
core0+core1	cell+WIFI+BT Rcv on	Head	WLAN 5G UNII-2A	Cheek Left	0mm	**0.32**	**<0.01**	**0.32**
core0+core1	cell+WIFI+BT Rcv on	Head	WLAN 5G UNII-2A	Tilt Left	0mm	**0.29**	**<0.01**	**0.29**
core0+core1	cell+WIFI+BT Rcv on	Head	WLAN 5G UNII-2A	Cheek Right	0mm	**0.22**	**<0.01**	**0.22**
core0+core1	cell+WIFI+BT Rcv on	Head	WLAN 5G UNII-2A	Tilt Right	0mm	**0.21**	**<0.01**	**0.21**
core0+core1	cell+WIFI+BT Rcv on	Head	WLAN 5G UNII-2C	Cheek Left	0mm	**0.10**	**0.05**	**0.15**
core0+core1	cell+WIFI+BT Rcv on	Head	WLAN 5G UNII-2C	Tilt Left	0mm	**0.09**	**0.04**	**0.12**
core0+core1	cell+WIFI+BT Rcv on	Head	WLAN 5G UNII-2C	Cheek Right	0mm	**0.07**	**<0.01**	**0.07**
core0+core1	cell+WIFI+BT Rcv on	Head	WLAN 5G UNII-2C	Tilt Right	0mm	**0.07**	**<0.01**	**0.07**
core0+core1	cell+WIFI+BT Rcv on	Head	WLAN 5G UNII-3	Cheek Left	0mm	**0.09**	**0.06**	**0.14**
core0+core1	cell+WIFI+BT Rcv on	Head	WLAN 5G UNII-3	Tilt Left	0mm	**0.08**	**0.05**	**0.13**
core0+core1	cell+WIFI+BT Rcv on	Head	WLAN 5G UNII-3	Cheek Right	0mm	**0.06**	**<0.01**	**0.06**
core0+core1	cell+WIFI+BT Rcv on	Head	WLAN 5G UNII-3	Tilt Right	0mm	**0.06**	**<0.01**	**0.06**
core0+core1	Rcv Off	Body	WLAN 5G UNII-2A	Front	10mm	**0.25**	**0.04**	**0.29**
core0+core1	Rcv Off	Body	WLAN 5G UNII-2A	Rear	10mm	**0.23**	**0.11**	**0.34**
core0+core1	Rcv Off	Body	WLAN 5G UNII-2A	Right	10mm	**0.07**	**0.15**	**0.22**
core0+core1	Rcv Off	Body	WLAN 5G UNII-2A	Top	10mm	**0.33**	**0.05**	**0.38**
core0+core1	Rcv Off	Body	WLAN 5G UNII-2C	Front	10mm	**0.12**	**0.15**	**0.27**
core0+core1	Rcv Off	Body	WLAN 5G UNII-2C	Rear	10mm	**0.12**	**0.34**	**0.46**
core0+core1	Rcv Off	Body	WLAN 5G UNII-2C	Right	10mm	**0.04**	**0.51**	**0.55**
core0+core1	Rcv Off	Body	WLAN 5G UNII-2C	Top	10mm	**0.18**	**0.09**	**0.27**
core0+core1	Rcv Off	Body	WLAN 5G UNII-3	Front	10mm	**0.11**	**0.14**	**0.25**
core0+core1	Rcv Off	Body	WLAN 5G UNII-3	Rear	10mm	**0.09**	**0.35**	**0.44**
core0+core1	Rcv Off	Body	WLAN 5G UNII-3	Right	10mm	**0.03**	**0.55**	**0.57**
core0+core1	Rcv Off	Body	WLAN 5G UNII-3	Top	10mm	**0.13**	**0.08**	**0.21**
core0+core1	cell+WIFI Rcv off	Body	WLAN 5G UNII-2A	Front	10mm	**0.08**	**<0.01**	**0.10**
core0+core1	cell+WIFI Rcv off	Body	WLAN 5G UNII-2A	Rear	10mm	**0.08**	**0.02**	**0.10**
core0+core1	cell+WIFI Rcv off	Body	WLAN 5G UNII-2A	Right	10mm	**0.02**	**0.03**	**0.05**
core0+core1	cell+WIFI Rcv off	Body	WLAN 5G UNII-2A	Top	10mm	**0.12**	**<0.01**	**0.12**
core0+core1	cell+WIFI Rcv off	Body	WLAN 5G UNII-2C	Front	10mm	**0.03**	**0.03**	**0.06**
core0+core1	cell+WIFI Rcv off	Body	WLAN 5G UNII-2C	Rear	10mm	**0.03**	**0.05**	**0.08**
core0+core1	cell+WIFI Rcv off	Body	WLAN 5G UNII-2C	Right	10mm	**<0.01**	**0.10**	**0.10**
core0+core1	cell+WIFI Rcv off	Body	WLAN 5G UNII-2C	Top	10mm	**0.04**	**<0.01**	**0.04**
core0+core1	cell+WIFI Rcv off	Body	WLAN 5G UNII-3	Front	10mm	**0.03**	**0.03**	**0.06**
core0+core1	cell+WIFI Rcv off	Body	WLAN 5G UNII-3	Rear	10mm	**0.02**	**0.07**	**0.10**
core0+core1	cell+WIFI Rcv off	Body	WLAN 5G UNII-3	Right	10mm	**<0.01**	**0.09**	**0.09**
core0+core1	cell+WIFI Rcv off	Body	WLAN 5G UNII-3	Top	10mm	**0.03**	**<0.01**	**0.03**

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14.4 SAR results for BT

Core	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
0	Head	BT	0	2402	GFSK	Cheek Left	0mm	\	17.11	18.5	0.131	**0.18**	0.056	**0.08**	0.11
0	Head	BT	0	2402	GFSK	Tilt Left	0mm	**A.213**	17.11	18.5	0.354	**0.49**	0.141	**0.19**	0.09
0	Head	BT	0	2402	GFSK	Cheek Right	0mm	\	17.11	18.5	0.224	**0.31**	0.117	**0.16**	0.04
0	Head	BT	0	2402	GFSK	Tilt Right	0mm	\	17.11	18.5	0.253	**0.35**	0.126	**0.17**	0.05
0	Head	BT	0	2402	GFSK	Tilt Left	0mm	**B**	17.11	18.5	0.302	**0.42**	0.125	**0.17**	0.16
												0.00		**0.00**	
0	Body	BT	0	2402	GFSK	Front	10mm	\	17.11	18.5	0.08	**0.11**	0.041	**0.06**	0.05
0	Body	BT	0	2402	GFSK	Rear	10mm	\	17.11	18.5	0.076	**0.10**	0.041	**0.06**	0.06
0	Body	BT	0	2402	GFSK	Right	10mm	\	17.11	18.5	0.027	**0.04**	0.014	**0.02**	0.18
0	Body	BT	0	2402	GFSK	Top	10mm	**A.214**	17.11	18.5	0.13	**0.18**	0.063	**0.09**	-0.03
0	Body	BT	0	2402	GFSK	Top	10mm	**B**	17.11	18.5	0.102	**0.14**	0.052	**0.07**	-0.19
												0.00		**0.00**	
1	Head	BT	0	2402	GFSK	Cheek Left	0mm	**A.215**	16.91	18.5	0.194	**0.28**	0.077	**0.11**	0.00
1	Head	BT	0	2402	GFSK	Tilt Left	0mm	\	16.91	18.5	0.083	**0.12**	0.037	**0.05**	0.00
1	Head	BT	0	2402	GFSK	Cheek Right	0mm	\	16.91	18.5	0.058	**0.08**	0.026	**0.04**	0.00
1	Head	BT	0	2402	GFSK	Tilt Right	0mm	\	16.91	18.5	0.055	**0.08**	0.024	**0.03**	0.00
1	Head	BT	0	2402	GFSK	Cheek Left	0mm	**B**	16.91	18.5	0.126	**0.18**	0.058	**0.08**	0.00
												0.00		**0.00**	
1	Body	BT	0	2402	GFSK	Front	10mm	\	16.91	18.5	0.054	**0.08**	0.021	**0.03**	0.09
1	Body	BT	0	2402	GFSK	Rear	10mm	\	16.91	18.5	0.079	**0.11**	0.038	**0.05**	-0.09
1	Body	BT	0	2402	GFSK	Right	10mm	**A.216**	16.91	18.5	0.089	**0.13**	0.036	**0.05**	0.05
1	Body	BT	0	2402	GFSK	Top	10mm	\	16.91	18.5	0.023	**0.03**	0.011	**0.02**	0.00
1	Body	BT	0	2402	GFSK	Right	10mm	**B**	16.91	18.5	0.062	**0.09**	0.028	**0.04**	0.16

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14.5 SAR results for Phablet

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

1. The normally required head and body-worn accessory SAR test procedures for handsets, including hotspot mode, must be applied.
2. The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB Publication 865664 D01 to address interactive hand use exposure conditions. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg; however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold. The normal tablet procedures in KDB Publication 616217 are required when the overall diagonal dimension of the device is > 20.0 cm. Hotspot mode SAR is not required when normal tablet procedures are applied. Extremity 10-g SAR is also not required for the front (top) surface of larger form factor full size tablets. The more conservative normal tablet SAR results can be used to support phablet mode 10-g extremity SAR.
3. The simultaneous transmission operating configurations applicable to voice and data transmissions for both phone and mini-tablet modes must be taken into consideration separately for 1-g and 10-g SAR to determine the simultaneous transmission SAR test exclusion and measurement requirements for the relevant wireless modes and exposure conditions
4. WLAN 5.3/5.5GHz tested the product specific 10g SAR since it has no hotspot mode.

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10g extremity SAR determination

ANT	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	EUT Measured Power (dBm)	Hotspot off tune-up Power (dBm)	Measured SAR 1g (W/kg)	Adjusted SAR(1g)(W/kg)	Test reduction threshold
0	GSM850	251	848.8	GPRS(1TX)	Rear	27.65	33.2	0.075	**0.27**	
1	GSM1900	512	1850.2	GPRS(4TX)	Bottom	18.41	24.2	0.093	**0.35**	
1	WCDMA1900	9538	1907.6	RMC	Bottom	19.51	22.9	0.347	**0.76**	
1	WCDMA1700	1513	1752.6	RMC	Bottom	19.75	23.2	0.413	**0.91**	
0	WCDMA 850	4183	836.6	RMC	Rear	20.84	25.5	0.135	**0.39**	
1	LTE Band2	18700	1860	50RB-High	Bottom	19.24	23.2	0.252	**0.63**	
1	LTE Band4	20175	1732.5	1RB-High	Bottom	19.76	23.7	0.4	**0.99**	
3	LTE Band7	21100	2535	50RB-High	Left	17.65	22.6	0.16	**0.50**	
0	LTE Band12	23060	704	1RB-Middle	Rear	20.42	25	0.054	**0.16**	
0	LTE Band26	26775	822.5	1RB-Low	Rear	20.75	25.5	0.095	**0.28**	
1	LTE Band38	38000	2595	1RB-Low	Bottom	20.13	24.8	0.157	**0.46**	
1	LTE Band41	41490	2680	1RB-Middle	Bottom	19.87	24.4	0.195	**0.55**	
1	LTE Band66	132572	1770	50RB-High	Bottom	19.90	23.5	0.381	**0.87**	
2	GSM850	251	848.8	GPRS(4TX)	Rear	21.53	27.2	0.031	**0.11**	
6	GSM1900	810	1909.8	GPRS(3TX)	Top	16.72	24.3	0.122	**0.70**	
6	WCDMA1900	9538	1907.6	RMC	Top	12.28	20.2	0.128	**0.79**	
6	WCDMA1700	1513	1752.6	RMC	Top	15.38	20.9	0.081	**0.29**	
2	WCDMA 850	4233	846.6	RMC	Left	20.62	25.4	0.194	**0.58**	
6	LTE Band2	18700	1860	50RB-Middle	Top	12.44	20.2	0.107	**0.64**	
6	LTE Band4	20175	1720	50RB-Middle	Front	15.98	21.7	0.035	**0.13**	**1.2W/kg**
9	LTE Band7	21100	2535	1RB-High	Right	17.91	22.8	0.089	**0.27**	
1	LTE Band7	20850	2510	50RB-Low	Bottom	18.39	23.7	0.187	**0.64**	
6	LTE Band7	20850	2510	50RB-Middle	Top	13.20	19.1	0.129	**0.50**	
2	LTE Band12	23130	711	1RB-Middle	Left	20.47	25.1	0.079	**0.23**	
2	LTE Band26	26865	831.5	1RB-Low	Left	20.46	25.4	0.131	**0.41**	
6	LTE Band38	37850	2580	1RB-Low	Top	14.65	20.6	0.058	**0.23**	
6	LTE Band41	40185	2549.5	1RB-Low	Top	14.65	20.6	0.079	**0.31**	
6	LTE Band66	132322	1745	50RB-High	Top	15.60	21.7	0.075	**0.31**	
3	N7	2535	507000	15k 5M DFT QPSK	Left	16.64	21.7	0.17	**0.55**	
9	N7	2535	507000	15k 5M DFT QPSK	Top	14.75	22.8	0.055	**0.35**	
1	N7	2535	507000	15k 5M DFT 16QAM	Bottom	19.04	23.2	0.37	**0.96**	
6	N7	2535	507000	15k 5M DFT QPSK	Top	13.45	19.4	0.107	**0.42**	
3	N38	2580	516000	30k 20M DFT PI/2 BPSK	Left	16.41	23	0.15	**0.68**	
9	N38	2580	516000	30k 20M DFT QPSK	Right	15.15	23.9	0.078	**0.58**	
1	N38	2580	516000	30k 20M DFT PI/2 BPSK	Bottom	18.10	22.6	0.115	**0.32**	
6	N38	2580	516000	30k 20M DFT 16QAM	Top	14.13	19.5	0.073	**0.25**	
3	N41	2506.02	501204	30k 20M DFT 16QAM	Left	18.09	23.1	0.2	**0.63**	
9	N41	2679.99	535998	30k 20M DFT PI/2 BPSK	Top	14.23	23.6	0.08	**0.69**	
1	N41	2679.99	535998	30k 20M CP 16QAM	Bottom	18.00	22.6	0.297	**0.86**	
6	N41	2516.01	503202	30k 40M DFT QPSK	Top	12.14	19	0.09	**0.44**	

According to above evaluation procedure , 10-g extremity SAR of WWAN is not required

WLAN 5G SISO

Core	Simultaneous	Test Position	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Duty Cycle	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Reported SAR 10g (W/kg)	Power Drift
core0	Rcv Off	Body	WLAN 5G	54	5270	11n-40M	Front	0mm	\	16.48	17.1	99.30%	2.75	**3.19**	0.888	**1.03**	-0.01
core0	Rcv Off	Body	WLAN 5G	54	5270	11n-40M	Rear	0mm	\	16.48	17.1	99.30%	1.65	**1.92**	0.47	**0.55**	-0.10
core0	Rcv Off	Body	WLAN 5G	54	5270	11n-40M	Right	0mm	\	16.48	17.1	99.30%	0.216	**0.25**	0.0563	**0.07**	0.07
core0	Rcv Off	Body	WLAN 5G	54	5270	11n-40M	Top	0mm	A.217	16.48	17.1	99.30%	6.16	**7.16**	1.38	**1.60**	-0.14
core0	Rcv Off	Body	WLAN 5G	134	5670	11n-40M	Front	0mm	\	16.41	17.1	99.30%	1.46	**1.72**	0.417	**0.49**	-0.14
core0	Rcv Off	Body	WLAN 5G	134	5670	11n-40M	Rear	0mm	\	16.41	17.1	99.30%	0.763	**0.90**	0.219	**0.26**	-0.13
core0	Rcv Off	Body	WLAN 5G	134	5670	11n-40M	Right	0mm	\	16.41	17.1	99.30%	0.0979	**0.12**	0.0296	**0.03**	0.12
core0	Rcv Off	Body	WLAN 5G	134	5670	11n-40M	Top	0mm	\	16.41	17.1	99.30%	4.08	**4.82**	0.833	**0.98**	0.17
core1	Rcv Off	Body	WLAN 5G	64	5320	11a	Front	0mm	\	16.4	17.1	98.10%	0.362	**0.43**	0.113	**0.14**	0.05
core1	Rcv Off	Body	WLAN 5G	64	5320	11a	Rear	0mm	\	16.4	17.1	98.10%	0.814	**0.97**	0.25	**0.30**	0.09
core1	Rcv Off	Body	WLAN 5G	64	5320	11a	Right	0mm	\	16.4	17.1	98.10%	1.93	**2.31**	0.54	**0.65**	0.15
core1	Rcv Off	Body	WLAN 5G	64	5320	11a	Top	0mm	\	16.4	17.1	98.10%	0.215	**0.26**	0.0604	**0.07**	0.00
core1	Rcv Off	Body	WLAN 5G	144	5720	11a	Front	0mm	\	16.67	17.1	98.10%	0.894	**1.01**	0.271	**0.31**	0.00
core1	Rcv Off	Body	WLAN 5G	144	5720	11a	Rear	0mm	\	16.67	17.1	98.10%	1.92	**2.16**	0.531	**0.60**	-0.09
core1	Rcv Off	Body	WLAN 5G	144	5720	11a	Right	0mm	A.218	16.67	17.1	98.10%	4.53	**5.10**	1.17	**1.32**	-0.14
core1	Rcv Off	Body	WLAN 5G	144	5720	11a	Top	0mm	\	16.67	17.1	98.10%	0.537	**0.60**	0.176	**0.20**	0.00

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WLAN 5G MIMO

Core	Simultaneous	Test Position	Frequency Band	Test Position	Distance	core0 MAX Reported SAR 10g (W/kg)	core1 MAX Reported SAR 10g (W/kg)	core0+core1 MAX Reported SAR 1g (W/kg)
core0+core1	Rcv Off	Body	WLAN 5G	Front	0mm	**1.03**	**0.14**	**1.17**
core0+core1	Rcv Off	Body	WLAN 5G	Rear	0mm	**0.55**	**0.30**	**0.85**
core0+core1	Rcv Off	Body	WLAN 5G	Right	0mm	**0.07**	**0.65**	**0.71**
core0+core1	Rcv Off	Body	WLAN 5G	Top	0mm	**1.60**	**0.07**	**1.68**
core0+core1	Rcv Off	Body	WLAN 5G	Front	0mm	**0.49**	**0.31**	**0.80**
core0+core1	Rcv Off	Body	WLAN 5G	Rear	0mm	**0.26**	**0.60**	**0.86**
core0+core1	Rcv Off	Body	WLAN 5G	Right	0mm	**0.03**	**1.32**	**1.35**
core0+core1	Rcv Off	Body	WLAN 5G	Top	0mm	**0.98**	**0.20**	**1.18**

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15 SAR Measurement Variability

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

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

1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps2) through 4) do not apply.

2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.

3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45W/kg (~ 10% from the 1-g SAR limit).

4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

ANT	DSI	Band	Frequency		Mode	Test Position	Distance (mm)	Highest Measured SAR (W/kg)	First Repeated SAR (W/kg)	The Ratio	Second Repeated SAR (W/kg)
			Ch.	MHz							
6	DSI1	LTE Band7	20850	2510	50RB-High	Tilt Right	0mm	0.843	0.819	1.03	/
6	DSI1	LTE Band7	20850	2510	100RB	Tilt Right	0mm	0.817	0.802	1.02	/
6	DSI1	N7	2535	507000	15k 5M DFT QPSK	Cheek Right	0mm	0.827	0.805	1.03	/
6	DSI1	N7	2535	507000	15k 5M DFT QPSK	Tilt Right	0mm	0.907	0.874	1.04	/
6	DSI1	N7	2535	507000	15k 5M CP 16QAM	Tilt Right	0mm	0.835	0.816	1.02	/

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16 Evaluation of Simultaneous

16.1 Introduction

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

16.1.1 Sum of SAR

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

16.1.2 SAR to Peak Location Ratio (SPLSR)

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

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

Where:

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

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

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

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

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

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

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

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16.2 Simultaneous Transmission Capabilities

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

Capable Transmit Conf igurations	Head	Body-worn	Hotspot	Product Specific 10-g (0mm)
GSM Voice(Main Ant/Second Ant) + BT	Yes	Yes	N/A	Yes
GSM DATA(Main Ant/Second Ant) + BT	N/A	Yes	Yes	Yes
GSM Voice(Main Ant/Second Ant) + Wi-Fi 2.4G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	Yes	Yes	N/A	Yes
GSM DATA(Main Ant/Second Ant) + Wi-Fi 2.4G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	N/A	Yes	Yes	Yes
GSM Voice(Main Ant/Second Ant) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	Yes	Yes	N/A	Yes
GSM DATA(Main Ant/Second Ant) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	N/A	Yes	Yes	Yes
GSM Voice(Main Ant/Second Ant) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO) + BT	Yes	Yes	N/A	Yes
GSM DATA(Main Ant/Second Ant) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO) + BT	N/A	Yes	Yes	Yes
UMTS (Main Ant/Second Ant) + BT	Yes	Yes	Yes	Yes
UMTS (Main Ant/Second Ant) + Wi-Fi 2.4G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	Yes	Yes	Yes	Yes
UMTS (Main Ant/Second Ant) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	Yes	Yes	Yes	Yes
UMTS (Main Ant/Second Ant) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO) + BT	Yes	Yes	Yes	Yes
LTE (Main Ant/Second Ant/Third Ant/Forth Ant) + BT	Yes	Yes	Yes	Yes
LTE (Main Ant/Second Ant/Third Ant/Forth Ant) + Wi-Fi 2.4G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	Yes	Yes	Yes	Yes
LTE (Main Ant/Second Ant/Third Ant/Forth Ant) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	Yes	Yes	Yes	Yes
LTE (Main Ant/Second Ant/Third Ant/Forth Ant) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO) + BT	Yes	Yes	Yes	Yes
N7(Ant3/Ant9/Ant1/Ant6) + BT	Yes	Yes	Yes	Yes
N7(Ant3/Ant9/Ant1/Ant6) + Wi-Fi 2.4G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	Yes	Yes	Yes	Yes
N7(Ant3/Ant9/Ant1/Ant6) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	Yes	Yes	Yes	Yes
N7(Ant3/Ant9/Ant1/Ant6) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO) + BT	Yes	Yes	Yes	Yes
N38 (Ant3/Ant9/Ant1/Ant6) + BT	Yes	Yes	Yes	Yes
N38 (Ant3/Ant9/Ant1/Ant6) + Wi-Fi 2.4G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	Yes	Yes	Yes	Yes

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N38 (Ant3/Ant9/Ant1/Ant6) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	Yes	Yes	Yes	Yes
N38 (Ant3/Ant9/Ant1/Ant6) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO) + BT	Yes	Yes	Yes	Yes
N41 (Ant3/Ant9/Ant1/Ant6) + BT	Yes	Yes	Yes	Yes
N41 (Ant3/Ant9/Ant1/Ant6) + Wi-Fi 2.4G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	Yes	Yes	Yes	Yes
N41 (Ant3/Ant9/Ant1/Ant6) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO)	Yes	Yes	Yes	Yes
N41 (Ant3/Ant9/Ant1/Ant6) + Wi-Fi 5G (Wi-Fi core0/ Wi-Fi core1/ MIMO) + BT	Yes	Yes	Yes	Yes

Note:

1. Wi-Fi 2.4GHz & Bluetooth cannot transmit simultaneously.
2. Wi-Fi 2.4GHz & Wi-Fi 5GHz cannot transmit simultaneously.
3. WWAN cannot transmit simultaneously.
4. Wi-Fi MIMO mode SAR result was used for simultaneous transmission analysis because the SISO mode maximum power is less than MIMO mode.
5. The reported SAR summation is calculated based on the same configuration and test position.
6. For the devices edges with antennas more than 2.5 cm from edge are not required to be evaluated for SAR, we determined the SAR of this edges were less than 0.01. For the convenience of simultaneous transmission calculation, all SAR values less than or equal to 0.01 are uniformly written as 0.00
7. EN-DC mode, Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR to not exceed FCC limit. Therefore, simultaneous transmission compliance between 4G+5G NR operation is demonstrated in the Part 2 Report during algorithm validation. In Part 1 Report, simultaneous transmission compliance was evaluated individually with other Radios (WLAN or BT) using one of 4G or 5G NR.

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16.3 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

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16.4 SAR Simultaneous Transmission Analysis

Main Antenna (WWAN)

Simultaneous Transmission Scenario – 2/3G

reported SAR 1g (W/kg)													
Head		GSM850	GSM1900	WCDMA 1900	WCDMA 1700	WCDMA 850	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Cheek	L	0.09	0.04	0.07	0.05	0.08	0.31	0.42	0.32	0.28	0.40	0.51	0.69
Tilt	L	0.00	0.00	0.05	0.05	0.04	0.25	0.40	0.29	0.49	0.30	0.45	0.83
Cheek	R	0.00	0.00	0.03	0.07	0.05	0.14	0.26	0.22	0.31	0.21	0.33	0.60
Tilt	R	0.00	0.00	0.04	0.05	0.00	0.14	0.24	0.21	0.35	0.19	0.29	0.61

Hotspot		GSM850	GSM1900	WCDMA 1900	WCDMA 1700	WCDMA 850	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Front	10mm	0.08	0.06	0.12	0.24	0.14	0.11	0.08	0.08	0.11	0.35	0.32	0.43
Rear	10mm	0.11	0.08	0.21	0.29	0.16	0.13	0.10	0.10	0.11	0.41	0.39	0.50
Left	10mm	0.00	0.00	0.10	0.08	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10
Right	10mm	0.00	0.00	0.06	0.00	0.06	0.08	0.10	0.10	0.13	0.14	0.17	0.29
Bottom	10mm	0.06	0.14	0.44	0.49	0.12	0.00	0.00	0.00	0.00	0.49	0.49	0.49
Top	10mm	0.00	0.00	0.00	0.00	0.00	0.21	0.12	0.12	0.18	0.21	0.12	0.29

Body worn		GSM850	GSM1900	WCDMA 1900	WCDMA 1700	WCDMA 850	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Front	15mm	0.09	0.06	0.15	0.15	0.10	0.11	0.08	0.08	0.11	0.26	0.23	0.34
Rear	15mm	0.12	0.10	0.19	0.16	0.14	0.13	0.10	0.10	0.11	0.31	0.29	0.40

Simultaneous Transmission Scenario - 4G

reported SAR 1g (W/kg)																
Head		LTE Band2	LTE Band4	LTE Band7 ANT3	LTE Band12	LTE Band26	LTE Band38	LTE Band41	LTE Band66	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Cheek	L	0.04	0.00	0.10	0.03	0.05	0.02	0.02	0.06	0.31	0.42	0.32	0.28	0.41	0.52	0.70
Tilt	L	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.06	0.25	0.40	0.29	0.49	0.30	0.45	0.83
Cheek	R	0.03	0.06	0.29	0.03	0.00	0.03	0.00	0.06	0.14	0.26	0.22	0.31	0.44	0.56	0.82
Tilt	R	0.03	0.05	0.12	0.00	0.00	0.00	0.00	0.04	0.14	0.24	0.21	0.35	0.26	0.36	0.68

Hotspot		LTE Band2	LTE Band4	LTE Band7 ANT3	LTE Band12	LTE Band26	LTE Band38	LTE Band41	LTE Band66	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Front	10mm	0.14	0.21	0.07	0.05	0.11	0.07	0.10	0.18	0.11	0.08	0.08	0.11	0.32	0.29	0.40
Rear	10mm	0.19	0.28	0.07	0.06	0.11	0.10	0.11	0.23	0.13	0.10	0.10	0.11	0.41	0.38	0.49
Left	10mm	0.08	0.09	0.18	0.04	0.07	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.18	0.18	0.18
Right	10mm	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.05	0.08	0.10	0.10	0.13	0.14	0.16	0.29
Bottom	10mm	0.30	0.47	0.00	0.03	0.09	0.18	0.23	0.44	0.00	0.00	0.00	0.00	0.47	0.47	0.47
Top	10mm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.12	0.12	0.18	0.21	0.12	0.29

Body worn		LTE Band2	LTE Band4	LTE Band7 ANT3	LTE Band12	LTE Band26	LTE Band38	LTE Band41	LTE Band66	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Front	15mm	0.12	0.11	0.05	0.05	0.10	0.06	0.08	0.12	0.11	0.08	0.08	0.11	0.23	0.20	0.31
Rear	15mm	0.13	0.14	0.07	0.08	0.12	0.08	0.09	0.15	0.13	0.10	0.10	0.11	0.28	0.25	0.37

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Simultaneous Transmission Scenario - 5G

reported SAR 1g (W/kg)											
Head		N7 ANT3	N38 ANT3	N41 ANT3	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Cheek	L	0.12	0.12	0.13	0.31	0.42	0.32	0.28	0.44	0.55	0.73
Tilt	L	0.06	0.05	0.07	0.25	0.40	0.29	0.49	0.31	0.46	0.84
Cheek	R	0.38	0.33	0.43	0.14	0.26	0.22	0.31	0.57	0.69	0.95
Tilt	R	0.14	0.12	0.16	0.14	0.24	0.21	0.35	0.31	0.41	0.73

Hotspot		N7 ANT3	N38 ANT3	N41 ANT3	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Front	10mm	0.09	0.08	0.11	0.11	0.08	0.08	0.11	0.22	0.19	0.30
Rear	10mm	0.13	0.09	0.14	0.13	0.10	0.10	0.11	0.27	0.24	0.35
Left	10mm	0.22	0.21	0.25	0.00	0.00	0.00	0.00	0.25	0.25	0.25
Right	10mm	0.00	0.00	0.00	0.08	0.10	0.10	0.13	0.08	0.10	0.23
Bottom	10mm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Top	10mm	0.00	0.00	0.00	0.21	0.12	0.12	0.18	0.21	0.12	0.29

Body worn		N7 ANT3	N38 ANT3	N41 ANT3	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Front	15mm	0.07	0.10	0.06	0.11	0.08	0.08	0.11	0.21	0.18	0.29
Rear	15mm	0.09	0.13	0.08	0.13	0.10	0.10	0.11	0.26	0.23	0.35

Diversity Antenna (WWAN)

Simultaneous Transmission Scenario – 2/3G

reported SAR 1g (W/kg)												
Head		GSM850	GSM1900	WCDMA 1900	WCDMA 1700	WCDMA 850	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Cheek	L	0.03	0.17	0.16	0.17	0.07	0.31	0.42	0.32	0.28	0.47	0.58	0.77
Tilt	L	0.00	0.27	0.25	0.21	0.07	0.25	0.40	0.29	0.49	0.51	0.67	1.04
Cheek	R	0.11	0.16	0.16	0.16	0.17	0.14	0.26	0.22	0.31	0.31	0.43	0.69
Tilt	R	0.00	0.28	0.32	0.27	0.05	0.14	0.24	0.21	0.35	0.46	0.56	0.88

Hotspot		GSM850	GSM1900	WCDMA 1900	WCDMA 1700	WCDMA 850	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Front	10mm	0.00	0.06	0.06	0.03	0.09	0.11	0.08	0.08	0.11	0.20	0.17	0.28
Rear	10mm	0.05	0.07	0.08	0.03	0.17	0.13	0.10	0.10	0.11	0.29	0.27	0.38
Left	10mm	0.04	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.23	0.23	0.23
Right	10mm	0.00	0.00	0.00	0.00	0.00	0.08	0.10	0.10	0.13	0.08	0.10	0.23
Bottom	10mm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Top	10mm	0.00	0.14	0.14	0.09	0.00	0.21	0.12	0.12	0.18	0.36	0.26	0.44

Body worn		GSM850	GSM1900	WCDMA 1900	WCDMA 1700	WCDMA 850	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Front	15mm	0.00	0.06	0.10	0.04	0.06	0.11	0.08	0.08	0.11	0.21	0.18	0.29
Rear	15mm	0.11	0.09	0.12	0.06	0.11	0.13	0.10	0.10	0.11	0.25	0.22	0.34

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Simultaneous Transmission Scenario - 4G

reported SAR 1g (W/kg)																		
Head		LTE Band2	LTE Band4	LTE Band7 ANT9	LTE Band7 ANT1	LTE Band7 ANT6	LTE Band12	LTE Band26	LTE Band38	LTE Band41	LTE Band66	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Cheek	L	0.18	0.17	0.35	0.00	0.25	0.00	0.07	0.15	0.17	0.18	0.31	0.42	0.32	0.28	0.66	0.77	0.95
Tilt	L	0.27	0.23	0.31	0.00	0.30	0.00	0.00	0.24	0.25	0.26	0.25	0.40	0.29	0.49	0.56	0.71	1.09
Cheek	R	0.16	0.18	0.09	0.00	0.34	0.05	0.16	0.11	0.12	0.21	0.14	0.26	0.22	0.31	0.48	0.60	0.86
Tilt	R	0.29	0.26	0.11	0.00	0.41	0.00	0.06	0.25	0.26	0.31	0.14	0.24	0.21	0.35	0.56	0.66	0.97

Hotspot		LTE Band2	LTE Band4	LTE Band7 ANT9	LTE Band7 ANT1	LTE Band7 ANT6	LTE Band12	LTE Band26	LTE Band38	LTE Band41	LTE Band66	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Front	10mm	0.06	0.04	0.06	0.11	0.06	0.00	0.00	0.04	0.05	0.04	0.11	0.08	0.08	0.11	0.22	0.19	0.30
Rear	10mm	0.06	0.03	0.09	0.13	0.07	0.05	0.11	0.03	0.05	0.04	0.13	0.10	0.10	0.11	0.26	0.23	0.34
Left	10mm	0.00	0.00	0.00	0.00	0.00	0.09	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.16	0.16
Right	10mm	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.10	0.10	0.13	0.19	0.21	0.34
Bottom	10mm	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.25	0.25
Top	10mm	0.12	0.04	0.10	0.00	0.15	0.00	0.00	0.07	0.09	0.09	0.21	0.12	0.12	0.18	0.36	0.27	0.45

Body worn		LTE Band2	LTE Band4	LTE Band7 ANT9	LTE Band7 ANT1	LTE Band7 ANT6	LTE Band12	LTE Band26	LTE Band38	LTE Band41	LTE Band66	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Front	15mm	0.07	0.03	0.07	0.09	0.06	0.00	0.00	0.04	0.03	0.05	0.11	0.08	0.08	0.11	0.20	0.17	0.28
Rear	15mm	0.12	0.03	0.08	0.11	0.09	0.03	0.10	0.05	0.03	0.05	0.13	0.10	0.10	0.11	0.24	0.22	0.33

Simultaneous Transmission Scenario - 5G

reported SAR 1g (W/kg)																		
Head		N7 ANT9	N7 ANT1	N7 ANT6	N38 ANT9	N38 ANT1	N38 ANT6	N41 ANT9	N41 ANT1	N41 ANT6	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Cheek	L	0.28	0.05	0.28	0.24	0.00	0.22	0.28	0.03	0.23	0.31	0.42	0.32	0.28	0.59	0.70	0.88
Tilt	L	0.25	0.00	0.31	0.23	0.00	0.22	0.25	0.00	0.26	0.25	0.40	0.29	0.49	0.56	0.71	1.09
Cheek	R	0.05	0.00	0.37	0.05	0.00	0.32	0.08	0.00	0.33	0.14	0.26	0.22	0.31	0.52	0.64	0.90
Tilt	R	0.07	0.00	0.43	0.06	0.00	0.36	0.09	0.00	0.42	0.14	0.24	0.21	0.35	0.58	0.68	1.00

Hotspot		N7 ANT9	N7 ANT1	N7 ANT6	N38 ANT9	N38 ANT1	N38 ANT6	N41 ANT9	N41 ANT1	N41 ANT6	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Front	10mm	0.05	0.20	0.05	0.06	0.08	0.04	0.06	0.19	0.05	0.11	0.08	0.08	0.11	0.31	0.28	0.39
Rear	10mm	0.00	0.28	0.05	0.05	0.08	0.03	0.07	0.21	0.04	0.13	0.10	0.10	0.11	0.40	0.38	0.49
Left	10mm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Right	10mm	0.06	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.08	0.10	0.10	0.13	0.18	0.20	0.33
Bottom	10mm	0.00	0.46	0.00	0.00	0.13	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.46	0.46	0.46
Top	10mm	0.08	0.00	0.13	0.09	0.00	0.08	0.10	0.00	0.12	0.21	0.12	0.12	0.18	0.34	0.24	0.42

Body worn		N7 ANT9	N7 ANT1	N7 ANT6	N38 ANT9	N38 ANT1	N38 ANT6	N41 ANT9	N41 ANT1	N41 ANT6	2.4G MIMO	5G MIMO	5G MIMO (+BT)	BT	+WiFi2.4G MIMO	+WiFi5G MIMO	+WiFi5G MIMO+BT
Front	15mm	0.10	0.15	0.11	0.12	0.07	0.06	0.13	0.17	0.05	0.11	0.08	0.08	0.11	0.27	0.25	0.36
Rear	15mm	0.11	0.21	0.12	0.13	0.08	0.06	0.16	0.17	0.05	0.13	0.10	0.10	0.11	0.34	0.31	0.42

16.5 Conclusion

According to the above tables, he highest simultaneous transmission reported SAR values is **1.09W/kg (1g).** The sum of reported SAR values is<1.6W/kg. So the simultaneous transmission SAR with volume scans is not required.

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17 Measurement Uncertainty

Per KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be ≤ 30%, for a confidence interval of k = 2. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval.

Therefore, the measurement uncertainty is not required.

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18 MAIN TEST INSTRUMENTS

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	E5071C	MY46110673	January 14, 2021	One year
02	Power meter	NRP2	102083	October 23，2020	One year
03	Power sensor	NRP-Z91	100542		
04	Power meter	NRP2	106276	May 11, 2021	One year
05	Power sensor	NRP6A	101369		
06	Signal Generator	E4438C	MY49070393	May 14, 2021	One Year
07	Signal Generator	E4438C	MY49071430	February 1, 2021	One Year
08	Dual directional coupler	778D	MY48220216	No Calibration Requested	
09	Dual directional coupler	772D	MY46151265	No Calibration Requested	
10	Amplifier	60S1G4	0331848	No Calibration Requested	
11	BTS	CMW500	159890	January 25 2021	One year
12	BTS	CMW500	166370	June 25, 2021	One year
13	BTS	CMW500	129942	February 2, 2021	One year
14	BTS	CMW500	159889	January 13, 2021	One year
15	E-field Probe	SPEAG EX3DV4	7548	June 25, 2021	One year
16	E-field Probe	SPEAG EX3DV4	7464	December 18,2020	One year
17	E-field Probe	SPEAG EX3DV4	7600	November 30，2020	One year
18	DAE	SPEAG DAE4	1525	September 2, 2020	One year
19	DAE	SPEAG DAE4	1331	September 2, 2020	One year
20	DAE	SPEAG DAE4	1588	September 2, 2020	One year
21	Dipole Validation Kit	SPEAG D750V3	1132	December 23,2020	One year
22	Dipole Validation Kit	SPEAG D835V2	4d069	July 24,,2020	One year
23	Dipole Validation Kit	SPEAG D1750V2	1003	July 24, 2020	One year
24	Dipole Validation Kit	SPEAG D1900V2	5d101	July 28,2020	One year
25	Dipole Validation Kit	SPEAG D2450V2	853	July 21,2020	One year
26	Dipole Validation Kit	SPEAG D2600V2	1012	July 21,2020	Three year
27	Dipole Validation Kit	SPEAG D5GHzV2	1203	December 22,2020	One year
28	Dipole Validation Kit	SPEAG D835V2	4d120	June 23, 2021	One year
29	Dipole Validation Kit	SPEAG D1750V2	1023	June 23, 2021	One year
30	Dipole Validation Kit	SPEAG D1900V2	5d142	June 25, 2021	One year
31	Dipole Validation Kit	SPEAG D2450V2	869	June 22, 2021	One year

Note：According to KDB 865664 D01, longer calibration intervals of up to three years may be considered when it is demonstrated that the SAR target, impedance and return loss of a dipole have remain stable according to the KDB requirements, refer to the appendix I for details.

END OF REPORT BODY

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Appendixes

Refer to separated files for the following appendixes

ANNEX A Graph Results

ANNEX B System Verification Results

ANNEX C SAR Measurement Setup

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

ANNEX E Equivalent Media Recipes

ANNEX F System Validation

ANNEX G Probe Calibration Certificate

ANNEX H Dipole Calibration Certificate

ANNEX I Extended Calibration SAR Dipole

ANNEX J Accreditation Certificate

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