



TEST REPORT

No. I23N01711-SAR

For

Realme Chongqing Mobile Telecommunications Corp., Ltd.

Mobile Phone

Model Name: RMX3840

With

Hardware Version: 11

Software Version: realme UI 5.0

FCC ID: 2AUYFRMX3840

Issued Date: 2023-12-15

Designation Number: CN1210

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 SAICT.

Test Laboratory:

SAICT, Shenzhen Academy of Information and Communications Technology

Building G, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian District, Shenzhen, Guangdong, P. R. China 518000.

Tel: +86(0)755-33322000, Fax: +86(0)755-33322001

Email: yewu@saict.ac.cn. www.saict.ac.cn

REPORT HISTORY

Report Number	Revision	Description	Issue Date
I23N01711-SAR	Rev.0	1st edition	2023-12-15

CONTENTS

1. SUMMARY OF TEST REPORT	5
1.1. TEST ITEMS	5
1.2. TEST STANDARDS	5
1.3. TEST RESULT.....	5
1.4. TESTING LOCATION	5
1.5. PROJECT DATA	5
1.6. SIGNATURE	5
2. STATEMENT OF COMPLIANCE	6
3. CLIENT INFORMATION	8
3.1. APPLICANT INFORMATION	8
3.2. MANUFACTURER INFORMATION	8
4. EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE)	9
4.1. ABOUT EUT.....	9
4.2. INTERNAL IDENTIFICATION OF EUT USED DURING THE TEST	10
4.3. INTERNAL IDENTIFICATION OF AE USED DURING THE TEST	10
5. TEST METHODOLOGY	11
5.1. APPLICABLE LIMIT REGULATIONS	11
5.2. APPLICABLE MEASUREMENT STANDARDS.....	11
6. SMART TRANSMIT FEATURE FOR RF EXPOSURE COMPLIANCE	12
7. SPECIFIC ABSORPTION RATE (SAR).....	14
7.1. INTRODUCTION.....	14
7.2. SAR DEFINITION.....	14
8. TISSUE SIMULATING LIQUIDS	15
8.1. TARGETS FOR TISSUE SIMULATING LIQUID	15
8.2. DIELECTRIC PERFORMANCE	15
9. SYSTEM VERIFICATION	20
9.1. SYSTEM SETUP.....	20
9.2. SYSTEM VERIFICATION	21
10. MEASUREMENT PROCEDURES	22
10.1. TESTS TO BE PERFORMED	22
10.2. GENERAL MEASUREMENT PROCEDURE	24
10.3. WCDMA MEASUREMENT PROCEDURES FOR SAR	25
10.4. SAR MEASUREMENT FOR LTE.....	26
10.5. LTE (TDD) CONSIDERATIONS.....	27
10.6. BLUETOOTH & WLAN MEASUREMENT PROCEDURES FOR SAR.....	28
10.7. POWER DRIFT.....	28

11. CONDUCTED OUTPUT POWER.....	29
11.1. GSM MEASUREMENT RESULT	30
11.2. WCDMA MEASUREMENT RESULT	31
11.3. LTE MEASUREMENT RESULT	41
11.4. NR MEASUREMENT RESULT	103
11.5. BLUETOOTH AND WLAN MEASUREMENT RESULT	128
12. SIMULTANEOUS TX SAR CONSIDERATIONS.....	137
12.1. INTRODUCTION.....	137
12.2. TRANSMIT ANTENNA SEPARATION DISTANCES.....	137
12.3. SAR MEASUREMENT POSITIONS.....	138
12.4. EVALUATION OF SIMULTANEOUS	139
13. SUMMARY OF TEST RESULTS.....	140
13.1. TESTING ENVIRONMENT	141
13.2. TEST RESULTS FOR 2GHZ/3GHZ/4GHZ	142
13.3. TEST RESULTS FOR SUB 6G	163
13.4. TEST RESULTS FOR BLUETOOTH.....	168
13.5. WLAN EVALUATION FOR 2.4GHZ	169
13.6. WLAN EVALUATION FOR 5GHZ	171
13.7. PRODUCT SPECIFIC 10G SAR.....	173
14. SAR MEASUREMENT VARIABILITY	174
15. MEASUREMENT UNCERTAINTY	175
15.1. MEASUREMENT UNCERTAINTY FOR NORMAL SAR TESTS (300MHZ~3GHZ)	175
15.2. MEASUREMENT UNCERTAINTY FOR NORMAL SAR TESTS (3GHZ~6GHZ)	176
16. MAIN TEST INSTRUMENTS.....	177
ANNEX A: GRAPH RESULTS	178
ANNEX B: SYSTEM VERIFICATION RESULTS	223
ANNEX C: SAR MEASUREMENT SETUP.....	237
ANNEX D: POSITION OF THE WIRELESS DEVICE IN RELATION TO THE PHANTOM	243
ANNEX E: EQUIVALENT MEDIA RECIPES	246
ANNEX F: SYSTEM VALIDATION.....	247
ANNEX G: DAE CALIBRATION CERTIFICATE	248
ANNEX H: PROBE CALIBRATION CERTIFICATE	253
ANNEX I: DIPOLE CALIBRATION CERTIFICATE	275
ANNEX J: EXTENDED CALIBRATION SAR DIPOLE.....	321

1. Summary of Test Report

1.1. Test Items

Description:	Mobile Phone
Model Name:	RMX3840
Applicant's Name:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Manufacturer's Name:	Realme Chongqing Mobile Telecommunications Corp., Ltd.

1.2. Test Standards

ANSI C95.1:1992, IEEE 1528:2013

1.3. Test Result

Pass. Please refer to "13. Summary of Test Results"

1.4. Testing Location

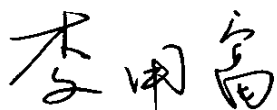
Address: Building G, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian District, Shenzhen, Guangdong, P. R. China

1.5. Project Data

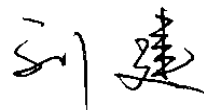
Testing Start Date: 2023-11-12

Testing End Date: 2023-12-01

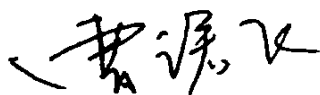
1.6. Signature



Li Yongfu
(Prepared this test report)



Liu Jian
(Reviewed this test report)



Cao Junfei
(Approved this test report)

2. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for Realme Chongqing Mobile Telecommunications Corp., Ltd. Mobile Phone RMX3840 are as follows:

Table 2.1: Highest Reported SAR (1g)

Equipment Class	Frequency Bands	1g SAR (W/kg)		
		Head (Separation Distance 0mm)	Hotspot (Separation Distance 10mm)	Body-worn (Separation Distance 15mm)
PCE	GSM 850	0.14	0.31	0.14
	GSM 1900	0.07	0.74	0.27
	WCDMA Band 2	1.00	1.04	0.39
	WCDMA Band 4	1.04	1.15	0.35
	WCDMA Band 5	1.13	0.36	0.17
	LTE Band 2	1.01	0.98	0.56
	LTE Band 4	1.11	0.88	0.43
	LTE Band 7	1.02	0.94	0.42
	LTE Band 12/17	0.60	0.24	0.20
	LTE Band 13	0.74	0.32	0.21
	LTE Band 26/5	1.14	0.36	0.17
	LTE Band 38	1.11	0.57	0.24
	LTE Band 41	1.00	0.58	0.25
	LTE Band 66	0.98	1.00	0.39
	NR n5 (SA)	0.82	0.33	0.17
	NR n7 (SA)	1.05	0.90	0.32
	NR n38 (SA)	1.18	0.57	0.24
	NR n41 (SA)	1.00	0.64	0.23
	NR n66 (SA)	1.18	0.90	0.35
DSS	Bluetooth	0.18	0.06	0.03
DTS	WLAN 2.4GHz	0.96	0.50	0.20
NII	WLAN 5GHz	1.12	0.73	0.44

Table 2.2: Highest Reported SAR (10g)

Equipment Class	Frequency Bands	Extremity 10g SAR (W/Kg) (Separation Distance 0mm)
NII	WLAN 5GHz	1.31

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.

The measurement together with the test system set-up is described in annex C of this test report. A detailed description of the equipment under test can be found in chapter 4 of this test report.

The highest reported SAR value is obtained at the case of **(Table 2.1&2.2)**, Head value is **1.18 W/kg (1g)**, Hotspot value is **1.15 W/kg (1g)**, Body-worn value is **0.56 W/kg (1g)** and Extremity SAR value is **1.31 W/kg (10g)**.

Table 2.3: Maximum Simultaneous Transmission SAR

<i>I</i>	Position	Sum (W/kg)
Highest reported SAR value for Head	Right Tilt (LTE Band 26 + WLAN 2.4GHz MIMO)	1.58
Highest reported SAR value for Hotspot	Top Side (LTE Band 2 + WLAN 5GHz MIMO + Bluetooth)	1.55
Highest reported SAR value for Body-worn	Rear Side (LTE Band 2 + WLAN 5GHz MIMO + Bluetooth)	1.14

Note: the test positions of above tables are for the worse case that has been evaluated.

According to the above tables, the highest sum of reported SAR values is **1.58 W/kg (1g)**.

The detail for simultaneous transmission consideration is described in chapter 12.

3. Client Information

3.1. Applicant Information

Company Name:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
City:	Chongqing
Country:	China
Telephone:	(86)13798864426

3.2. Manufacturer Information

Company Name:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
City:	Chongqing
Country:	China
Telephone:	(86)13798864426

4. Equipment under Test (EUT) and Ancillary Equipment (AE)

4.1. About EUT

Description:	Mobile Phone
Model Name:	RMX3840
Condition of EUT as received:	No obvious damage in appearance
Frequency Bands:	GSM 850/1900, WCDMA Band 2/4/5, LTE Band 2/4/5/7/12/13/17/26/38/41/66, NR n5/n7/n38/n41/n66, Bluetooth, WLAN 2.4GHz/5GHz
Tested Tx Frequency:	824 – 849MHz (GSM 850)
	1850 – 1910MHz (GSM 1900)
	1850 – 1910MHz (WCDMA Band 2)
	1710 – 1755MHz (WCDMA Band 4)
	824 – 849MHz (WCDMA Band 5)
	1850 – 1910MHz (LTE Band 2)
	1710 – 1755MHz (LTE Band 4)
	824 – 849MHz (LTE Band 5)
	2500 – 2570MHz (LTE Band 7)
	699 – 716MHz (LTE Band 12)
	777 – 787MHz (LTE Band 13)
	704 – 716MHz (LTE Band 17)
	814 – 849MHz (LTE Band 26)
	2570 – 2620MHz (LTE Band 38)
	2496 – 2680MHz (LTE Band 41)
	1710 – 1780MHz (LTE Band 66)
	824 – 849MHz (NR n5)
	2500 – 2570MHz (NR n7)
	2570 – 2620MHz (NR n38)
	2496 – 2680MHz (NR n41)
	1710 – 1780MHz (NR n66)
	2402 – 2480MHz (Bluetooth)
	2412 – 2462MHz (WLAN 2.4GHz)
	5150 – 5850MHz (WLAN 5GHz)
GPRS / EDGE Multislot Class:	12
GPRS Capability Class:	B
Dual Transfer Mode (DTM)	Not support
Test device Production information:	Production unit
Device type:	Portable device
Antenna type:	Integrated antenna
Hotspot mode:	Support
Product Dimensions:	Long 171.61mm;Wide 74.16mm;Overall Diagonal 174.00mm

Remark:

1. This device WLAN 5GHz U-NII-2A and U-NII-2C don't support hotspot operation.
2. This device support the receiver detection mechanism, the main purpose is to minimize triggering associated with power reduction scenarios by receiver detection mechanisms and provide enhanced user experience. It uses the receiver to indicate whether the user is making a call in head scenario or not. The selection between head and body power levels is based on the receiver detection mechanism. It can determine proximity to head or body and set the relevant power level for 2G&3G&4G&5G and WLAN antennas accordingly.

4.2. Internal Identification of EUT used during the test

EUT ID*	IMEI	HW Version	SW Version	Receipt Date
UT13aa	863994060027810	11	realme UI 5.0	2023-11-10
UT14aa	867815060019539	11	realme UI 5.0	2023-11-10
UT15aa	867815060019554	11	realme UI 5.0	2023-11-10
UT16aa	864806060019994	11	realme UI 5.0	2023-11-10
UT18aa	867815060019596	11	realme UI 5.0	2023-11-10
UT19aa	863994060034394	11	realme UI 5.0	2023-11-10

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

Note: It is performed to test SAR with the UT14aa & UT15aa & UT16aa & UT19aa, and conducted power with the UT13aa & UT18aa.

4.3. Internal Identification of AE used during the test

AE ID*	Description	Model	Manufacturer
AE1	Battery	BLPA35	Sunwoda Electronic Co.,Ltd.

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

5. Test Methodology

5.1. Applicable Limit Regulations

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

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

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: Experimental Techniques.

KDB 447498 D01 General RF Exposure Guidance v06 RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices

KDB 648474 D04 Handset SAR v01r03 SAR Evaluation Considerations for Wireless Handsets.

KDB 941225 D01 SAR test for 3G devices v03r01 SAR Measurement Procedures for 3G Devices

KDB 941225 D05 SAR for LTE Devices v02r05 SAR Evaluation Considerations for LTE Devices

KDB 941225 D06 Hot Spot SAR v02r01 SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities

KDB 248227 D01 802.11 Wi-Fi SAR v02r02 SAR Guidance for IEEE 802.11 (Wi-Fi) Transmitters.

KDB 865664 D01 SAR measurement 100 MHz to 6 GHz v01r04 SAR Measurement Requirements for 100 MHz to 6 GHz

KDB 865664 D02 RF Exposure Reporting v01r02 RF Exposure Compliance Reporting and Documentation Considerations

KDB 941225 D07 UMPC Mini Tablet v01r02 SAR Evaluation Procedures for UMPC Mini-Tablet Devices

KDB 941225 D05A LTE Rel.10 KDB Inquiry Sheet v01r02: REL. 10 LTE SAR TEST GUIDANCE AND KDB INQUIRIES

TCB workshop May 2017: RF Exposure Procedures

TCB workshop October 2018: RF Exposure Procedures

TCB workshop April 2019: RF Exposure Procedures

TCB workshop November 2019: RF Exposure Policy Updates

TCB workshop April 2020: RF Exposure Policies and Procedures - Status

TCB workshop October 2020: RF Exposure Procedures

TCB workshop April 2022: RF Exposure Procedures

6. Smart Transmit feature for RF Exposure compliance

The CE 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 CE RF exposure limit over a defined time window for SAR (transmit frequency $\ll$ 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 CE SAR limits when transmitting in static transmission scenario at maximum allowable time-averaged power levels. The parameters obtained from SAR characterization (referred to as SAR char, respectively) will be used as input for Smart Transmit. SAR char will be entered via the Embedded File System (EFS) to enable the Smart Transmit Feature.

WLAN/BT operations are not enabled with Smart Transmit.

Term	Description
P_{limit}	The time-averaged RF power which corresponds to SAR_design_target.
P_{max}	Maximum target power level
SAR_design_target:	The design target for SAR compliance. It should be less than regulatory power density limit to account for all device design related uncertainties.
SAR Char	P_{limit} for all the technologies/bands for all applicable DSI

Smart Transmit allows the device to transmit at higher power instantaneously, as high as P_{max} , when needed, but enforces power limiting to maintain time-averaged transmit power to P_{limit} . Below table shows P_{limit} and maximum tune up output power P_{max} configured for this EUT for various transmit conditions (Device State Index DSI).

DSI and Corresponding Exposure Scenarios

Scenario	Description
DSI 2	FCC Head (Standalone)
DSI 1	FCC Body (Standalone)
DSI 4	FCC Head (WWAN + WLAN 2.4GHz/WLAN 5GHz/BT)
DSI 3	FCC Body (WWAN + WLAN 2.4GHz/WLAN 5GHz/BT)
DSI 6	FCC Head (WWAN + WLAN 2.4GHz + BT, WWAN + WLAN 5GHz + BT, WWAN + WLAN 2.4GHz + WLAN 5GHz, WWAN + WLAN 2.4GHz + WLAN 5GHz+ BT)
DSI 5	FCC Body (WWAN + WLAN 2.4GHz + BT, WWAN + WLAN 5GHz + BT, WWAN + WLAN 2.4GHz + WLAN 5GHz, WWAN + WLAN 2.4GHz + WLAN 5GHz+ BT)

<P_{limit} for supported technologies and bands>

Band	Antenna	FCC Body	FCC Head	WWAN+WIFI2.4G Body/ WWAN+WIFI5G Body/ WWAN+BT Body	WWAN+WIFI2.4G Head/ WWAN+WIFI5G Head/ WWAN+BT Head	WWAN+WIFI2.4G+BT Body/ WWAN+WIFI5G+BT Body/ WWAN+WIFI2.4G+WIFI5G Body/ WWAN+WIFI2.4G+WIFI5G+BT Body	WWAN+WIFI2.4G+BT Head/ WWAN+WIFI5G+BT Head/ WWAN+WIFI2.4G+WIFI5G Head/ WWAN+WIFI2.4G+WIFI5G+BT Head	Pmax*
		DSI 1	DSI 2	DSI 3	DSI 4	DSI 5	DSI 6	
G850	0	33.5	33.5	33.5	33.5	33.5	33.5	33.5
G1900	4	30.5	30.5	29.9	30.5	29.9	30.5	30.5
WB2	4	23.3	24.5	22.1	24.5	22.1	24.5	24.5
	1	21.9	18.1	20.7	17.1	20.7	17.1	23.9
WB4	4	23.7	24.5	22.5	24.5	22.5	24.5	24.5
	1	23.5	19.0	22.1	18.0	22.1	18.0	23.9
WB5	0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
	1	24.8	24.8	24.8	24.8	24.8	24.8	24.8
LTE B2	4	23.1	23.5	21.9	23.5	21.9	23.5	23.5
	1	22.3	17.7	21.1	16.7	21.1	16.7	22.9
LTE B4	4	22.7	23.5	21.5	23.5	21.5	23.5	23.5
	1	22.9	18.9	21.7	17.9	21.7	17.9	22.9
	5	21.7	20.5	20.7	19.5	20.7	19.5	21.7
LTE B5	0	24.5	24.5	24.5	24.5	24.5	24.5	24.5
	1	24.3	24.3	24.3	24.3	24.3	24.3	24.3
LTE B7	4	21.3	23.5	20.1	23.5	20.1	23.5	23.5
	1	22.9	17.3	21.7	16.3	21.7	16.3	22.9
	5	21.2	20.0	21.2	19.0	21.2	19.0	21.2
LTE B12	0	24.5	24.5	24.5	24.5	24.5	24.5	24.5
	1	24.3	24.3	24.3	24.3	24.3	24.3	24.3
LTE B13	0	24.5	24.5	24.5	24.5	24.5	24.5	24.5
	1	24.3	24.3	24.3	24.3	24.3	24.3	24.3
LTE B17	0	24.5	24.5	24.5	24.5	24.5	24.5	24.5
	1	24.3	24.3	24.3	24.3	24.3	24.3	24.3
LTE B26	0	24.5	24.5	24.5	24.5	24.5	24.5	24.5
	1	24.3	24.3	24.3	24.3	24.3	24.3	24.3
LTE B38	4	23.0	24.0	21.8	24.0	21.8	24.0	24.0
	1	22.6	19.8	21.4	18.8	21.4	18.8	23.4
	5	21.7	21.7	21.7	19.2	21.7	19.2	21.7
LTE B41	4	23.1	24.5	21.7	24.5	21.7	24.5	24.5
	1	22.3	19.7	20.9	18.7	20.9	18.7	23.9
	5	22.2	21.7	22.2	18.7	22.2	18.7	22.2
LTE B66	4	23.4	24.0	22.4	24.0	22.4	24.0	24.0
	1	22.8	18.5	21.8	17.5	21.8	17.5	23.4
	5	22.1	19.3	20.9	18.3	20.9	18.3	22.1
N5	0	24.2	24.2	24.2	24.2	24.2	24.2	24.2
	1	24.0	24.0	24.0	24.0	24.0	24.0	24.0
N7	4	21.1	23.7	19.7	23.7	19.7	23.7	23.7
	1	22.7	17.9	21.7	16.9	21.7	16.9	23.1
	5	21.4	19.4	21.0	16.4	21.0	16.4	21.4
N38	4	21.0	24.2	19.7	24.2	19.7	24.2	24.2
	1	20.6	17.4	19.4	16.4	19.4	16.4	23.6
	5	21.9	20.1	21.9	19.1	21.9	19.1	21.9
N41	4	20.6	24.2	19.2	24.2	19.2	24.2	24.2
	1	19.6	17.6	18.4	16.6	18.4	16.6	23.6
	5	21.5	19.7	20.1	18.7	20.1	18.7	21.9
N66	4	22.2	24.2	21.0	24.2	21.0	24.2	24.2
	1	22.6	18.1	21.2	17.1	21.2	17.1	23.6
	5	21.8	20.6	20.6	19.6	20.6	19.6	23.4

Note:

1. When Pmax < P_{limit}, 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.

7. Specific Absorption Rate (SAR)

7.1. Introduction

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

7.2. SAR Definition

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). The equation description is as below:

$$SAR = \frac{d}{dt} \left(\frac{dW}{dm} \right) = \frac{d}{dt} \left(\frac{dW}{\rho dv} \right)$$

SAR is expressed in units of Watts per kilogram (W/kg)

SAR measurement can be either related to the temperature elevation in tissue by

$$SAR = c \left(\frac{\delta T}{\delta t} \right)$$

Where: C is the specific heat capacity, δT is the temperature rise and δt is the exposure duration, or related to the electrical field in the tissue by

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

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

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

8. Tissue Simulating Liquids

8.1. Targets for tissue simulating liquid

Table 8.1: Targets for tissue simulating liquid

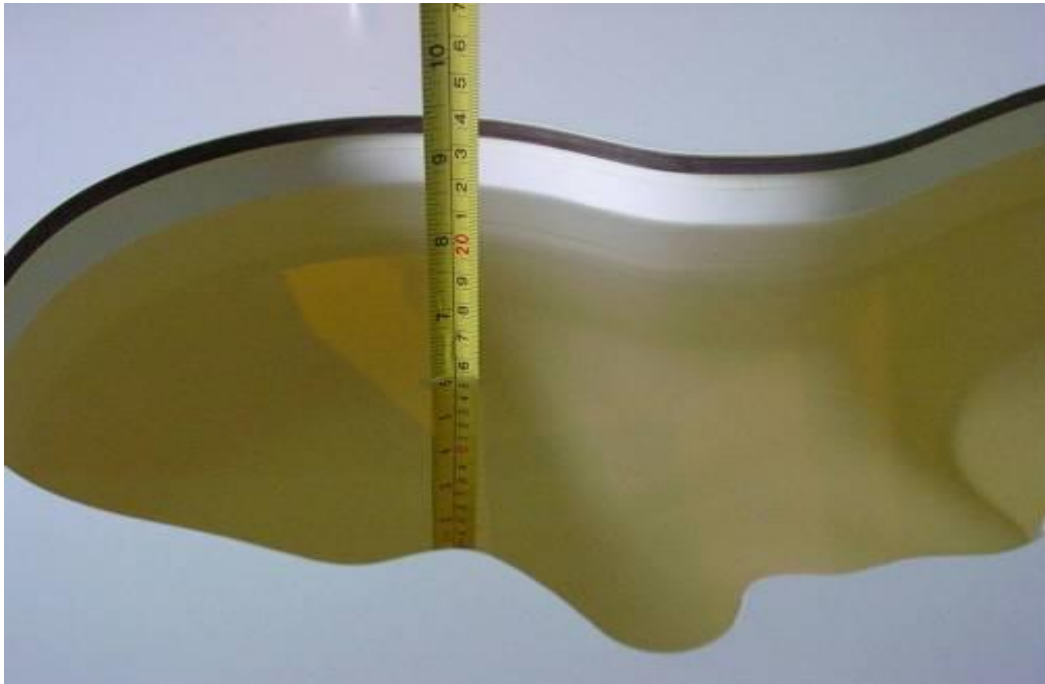
Frequency (MHz)	Liquid Type	Conductivity (σ)	$\pm 5\%$ Range	Permittivity (ϵ)	$\pm 5\%$ Range
750	Head	0.89	0.85~0.93	41.9	39.8~44.0
835	Head	0.90	0.86~0.95	41.5	39.4~43.6
1750	Head	1.37	1.30~1.44	40.1	38.1~42.1
1900	Head	1.40	1.33~1.47	40.0	38.0~42.0
2450	Head	1.80	1.71~1.89	39.2	37.2~41.2
2550	Head	1.91	1.81~2.01	39.1	37.1~41.0
5250	Head	4.71	4.47~4.95	35.9	34.1~37.7
5600	Head	5.07	4.82~5.32	35.5	33.8~37.3
5750	Head	5.22	4.96~5.48	35.4	33.6~37.1

8.2. Dielectric Performance

Table 8.2: Dielectric Performance of Tissue Simulating Liquid

Measurement Date (yyyy-mm-dd)	Frequency (MHz)	Type	Conductivity σ (S/m)	Drift (%)	Permittivity ϵ	Drift (%)
2023-11-15	750	Head	0.878	-1.35	42.64	1.77
2023-11-12	835	Head	0.909	1.00	40.85	-1.57
2023-11-14	835	Head	0.923	2.56	41.11	-0.94
2023-11-17	1750	Head	1.383	0.95	39.31	-1.97
2023-11-25	1750	Head	1.360	-0.73	39.74	-0.90
2023-11-17	1900	Head	1.428	2.00	39.10	-2.25
2023-11-24	1900	Head	1.411	0.79	39.57	-1.08
2023-11-16	2450	Head	1.819	1.06	38.83	-0.94
2023-12-01	2450	Head	1.840	2.22	38.26	-2.40
2023-11-21	2550	Head	1.946	1.88	38.32	-1.99
2023-11-30	2550	Head	1.937	1.41	38.59	-1.30
2023-11-28	5250	Head	4.633	-1.63	36.75	2.37
2023-11-28	5600	Head	5.016	-1.07	36.22	2.03
2023-11-28	5750	Head	5.315	1.82	34.77	-1.78

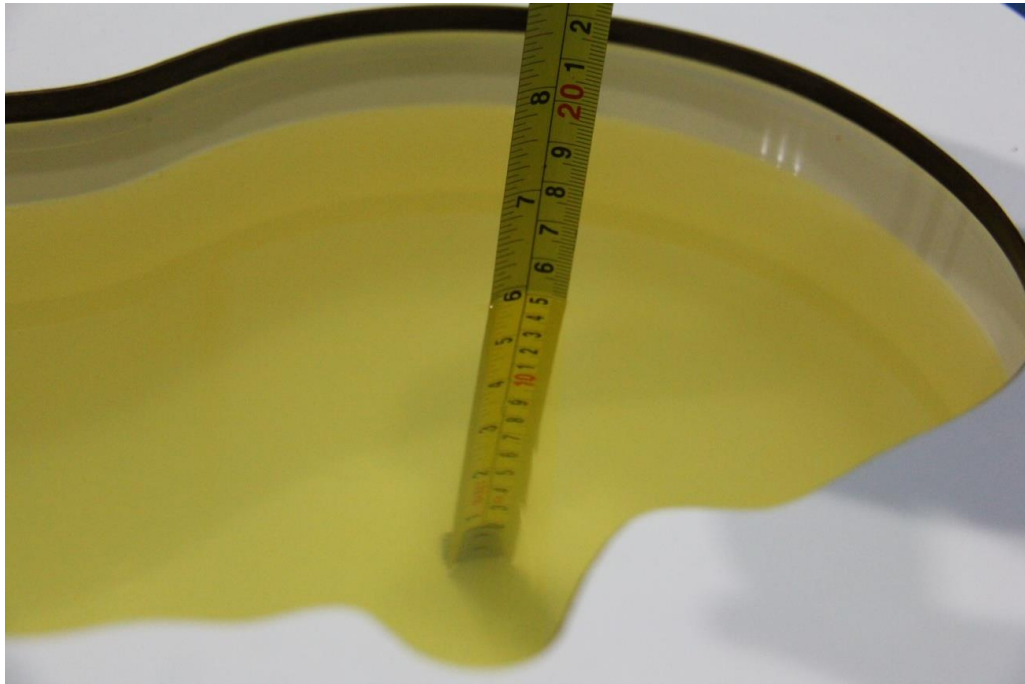
Note: The liquid temperature is 22.0°C.



Picture 8.1 Liquid depth in the Head Phantom (750MHz)



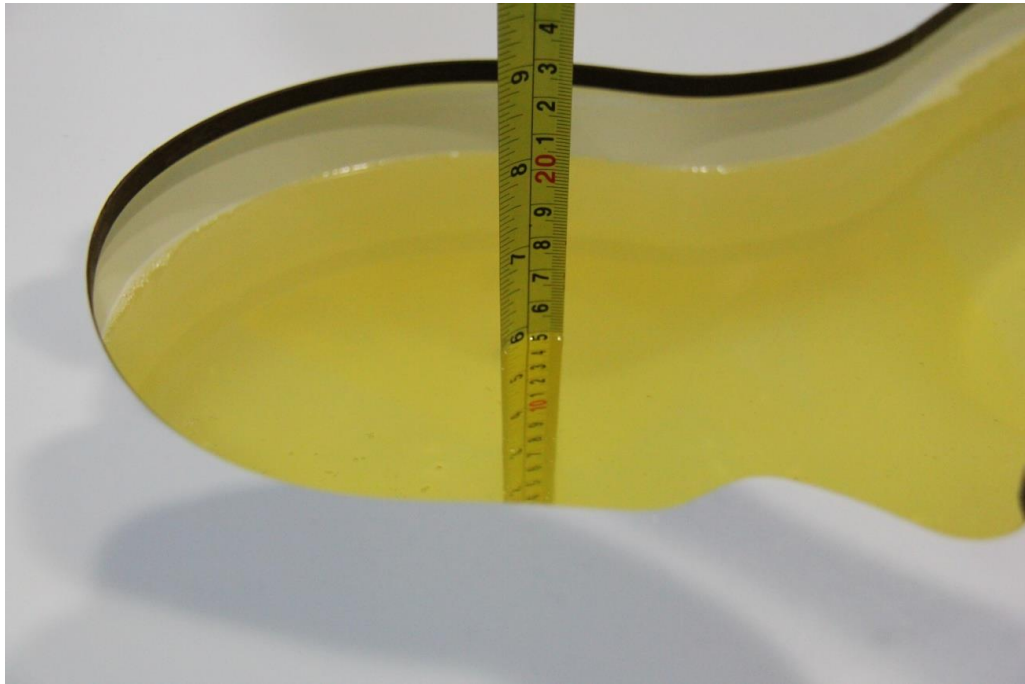
Picture 8.2 Liquid depth in the Head Phantom (835MHz)



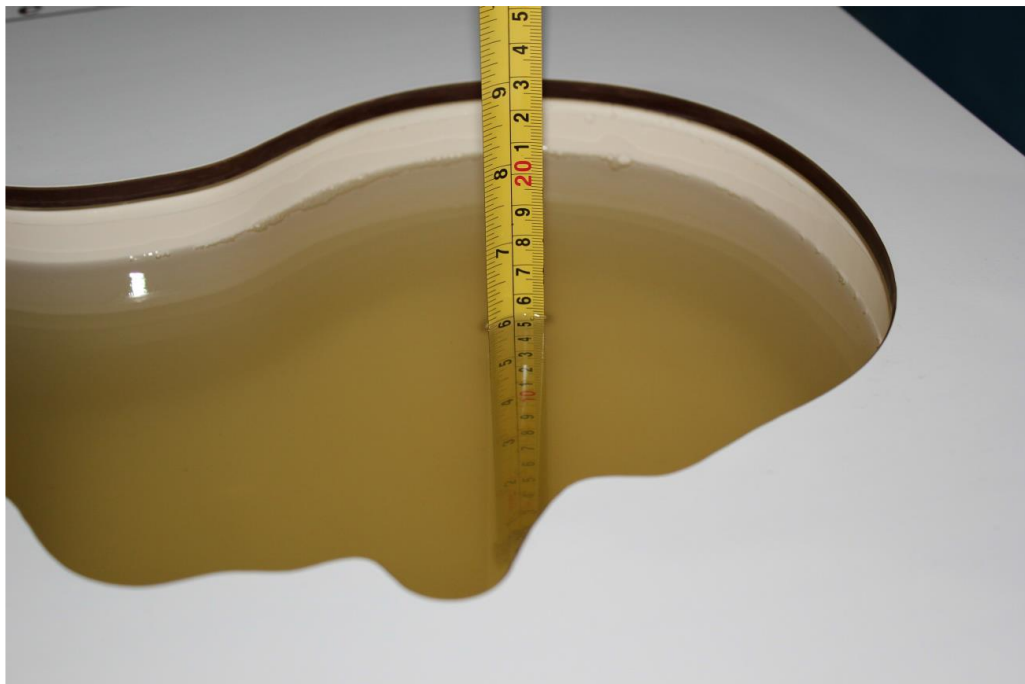
Picture 8.3 Liquid depth in the Head Phantom (1750MHz)



Picture 8.4 Liquid depth in the Head Phantom (1900MHz)



Picture 8.5 Liquid depth in the Head Phantom (2450MHz)



Picture 8.6 Liquid depth in the Head Phantom (2550MHz)

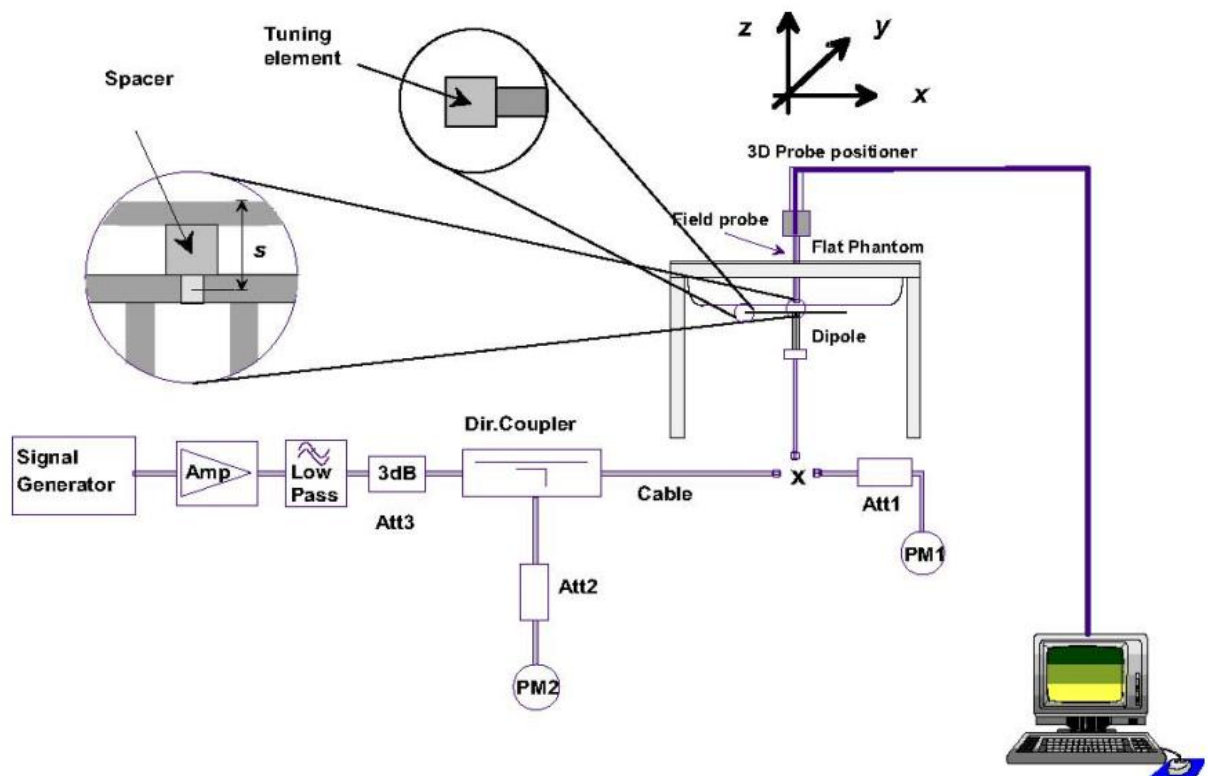


Picture 8.7 Liquid depth in the Head Phantom (5GHz)

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

For the dipole below 3GHz, the output power on dipole port must be calibrated to 24 dBm (250mW) before dipole is connected.

For the dipole above 3GHz, the output power on dipole port must be calibrated to 20 dBm (100mW) before dipole is connected.



Picture 9.2 Photo of Dipole Setup

9.2. System Verification

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

Table 9.1: System Verification of Head

Measurement Date	Frequency (MHz)	Target value (W/kg)		Measured value (W/kg)				Deviation (%)	
				/		Normalize to 1W			
		1 g	10 g	1 g	10 g	1 g	10 g	1 g	10 g
2023-11-15	750	8.48	5.62	2.08	1.40	8.32	5.68	-1.89	-0.36
2023-11-12	835	9.64	6.29	2.47	1.59	9.88	6.36	2.49	1.11
2023-11-14	835	9.64	6.29	2.50	1.62	10.00	6.48	3.73	3.02
2023-11-17	1750	36.30	19.60	9.38	5.00	37.52	20.00	3.36	2.04
2023-11-25	1750	36.30	19.60	8.84	4.86	35.36	19.44	-2.59	-0.82
2023-11-17	1900	40.20	20.50	10.5	5.27	42.00	21.08	4.48	2.83
2023-11-24	1900	40.20	20.50	10.2	5.16	40.80	20.64	1.49	0.68
2023-11-16	2450	53.20	24.20	13.5	6.09	54.00	24.36	1.50	0.66
2023-12-01	2450	53.20	24.20	13.8	6.20	55.20	24.80	3.76	2.48
2023-11-21	2550	55.90	25.20	14.5	6.47	58.00	25.88	3.76	2.70
2023-11-30	2550	55.90	25.20	14.2	6.38	56.80	25.52	1.61	1.27
2023-11-28	5250	79.70	22.80	7.72	2.24	77.20	22.40	-3.14	-1.75
2023-11-28	5600	82.60	23.60	8.10	2.35	81.00	23.50	-1.94	-0.42
2023-11-28	5750	78.50	22.10	8.19	2.27	81.90	22.70	4.33	2.71

10. Measurement Procedures

10.1. Tests to be performed

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

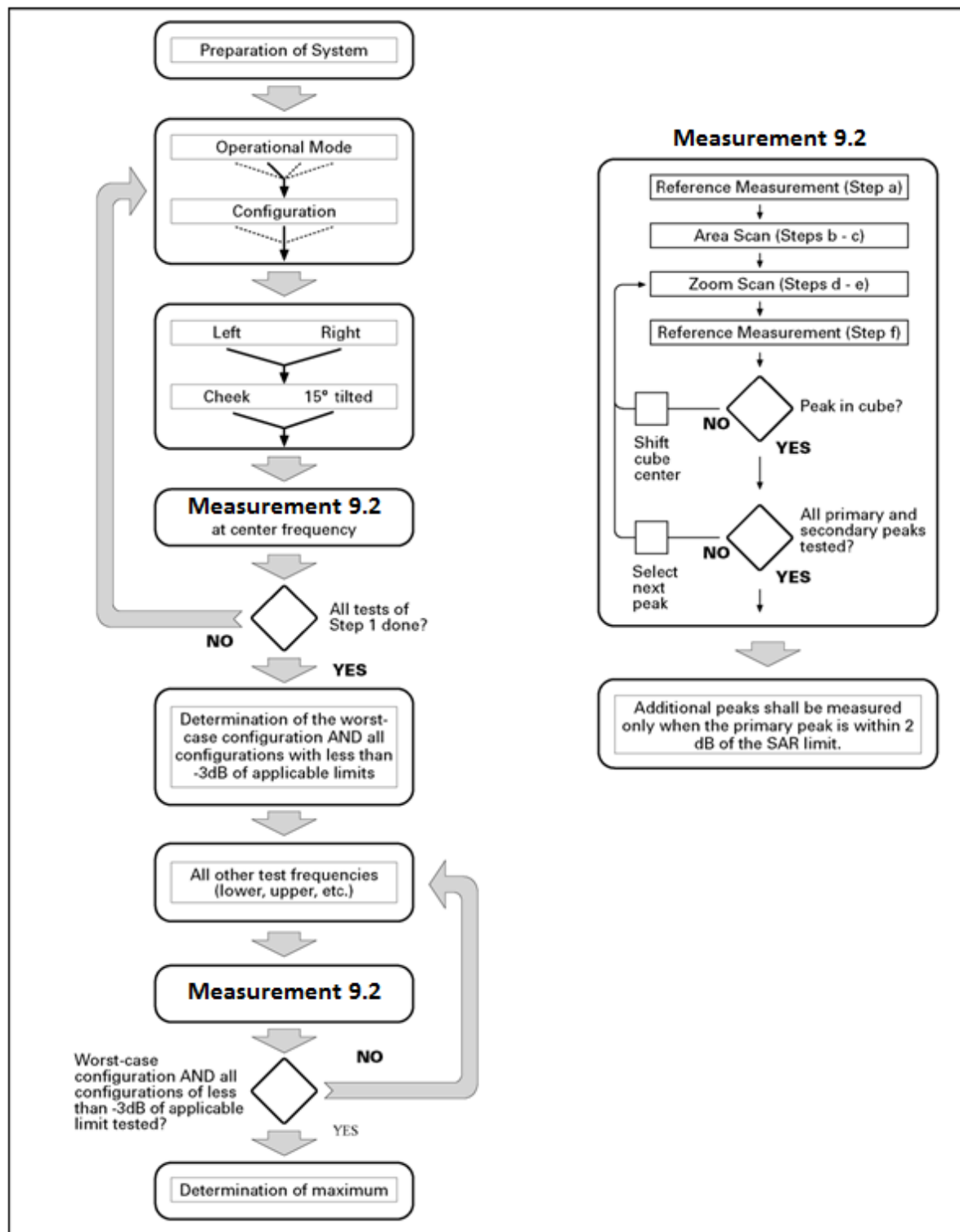
Step 1: The tests described in 9.2 shall be performed at the channel that is closest to the center of the transmit frequency band (f_c) for:

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

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

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

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



Picture 10.1 Block diagram of the tests to be performed

10.2. General Measurement Procedure

The area and zoom scan resolutions specified in the table below must be applied to the SAR measurements and fully documented in SAR reports to qualify for TCB approval. Probe boundary effect error compensation is required for measurements with the probe tip closer than half a probe tip diameter to the phantom surface. Both the probe tip diameter and sensor offset distance must satisfy measurement protocols; to ensure probe boundary effect errors are minimized and the higher fields closest to the phantom surface can be correctly measured and extrapolated to the phantom surface for computing 1-g SAR. Tolerances of the post-processing algorithms must be verified by the test laboratory for the scan resolutions used in the SAR measurements, according to the reference distribution functions specified in IEEE Std 1528-2013. The results should be documented as part of the system validation records and may be requested to support test results when all the measurement parameters in the following table are not satisfied.

			$\leq 3\text{ GHz}$	$> 3\text{ GHz}$
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface			$5 \pm 1\text{ mm}$	$\frac{1}{2} \cdot \delta \cdot \ln(2) \pm 0.5\text{ mm}$
Maximum probe angle from probe axis to phantom surface normal at the measurement location			$30^\circ \pm 1^\circ$	$20^\circ \pm 1^\circ$
Maximum area scan spatial resolution: Δx_{Area} , Δy_{Area}			$\leq 2\text{ GHz}: \leq 15\text{ mm}$ $2 - 3\text{ GHz}: \leq 12\text{ mm}$	$3 - 4\text{ GHz}: \leq 12\text{ mm}$ $4 - 6\text{ GHz}: \leq 10\text{ mm}$
			When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be $\leq$ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	
Maximum zoom scan spatial resolution: Δx_{Zoom} , Δy_{Zoom}			$\leq 2\text{ GHz}: \leq 8\text{ mm}$ $2 - 3\text{ GHz}: \leq 5\text{ mm}^*$	$3 - 4\text{ GHz}: \leq 5\text{ mm}^*$ $4 - 6\text{ GHz}: \leq 4\text{ mm}^*$
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{Zoom}(n)$		$\leq 5\text{ mm}$	$3 - 4\text{ GHz}: \leq 4\text{ mm}$ $4 - 5\text{ GHz}: \leq 3\text{ mm}$ $5 - 6\text{ GHz}: \leq 2\text{ mm}$
	graded grid	$\Delta z_{Zoom}(1)$: between 1 st two points closest to phantom surface	$\leq 4\text{ mm}$	$3 - 4\text{ GHz}: \leq 3\text{ mm}$ $4 - 5\text{ GHz}: \leq 2.5\text{ mm}$ $5 - 6\text{ GHz}: \leq 2\text{ mm}$
		$\Delta z_{Zoom}(n>1)$: between subsequent points	$\leq 1.5 \cdot \Delta z_{Zoom}(n-1)$	
Minimum zoom scan volume	x, y, z		$\geq 30\text{ mm}$	$3 - 4\text{ GHz}: \geq 28\text{ mm}$ $4 - 5\text{ GHz}: \geq 25\text{ mm}$ $5 - 6\text{ GHz}: \geq 22\text{ mm}$
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 <u>reported</u> SAR from the area scan based 1-g SAR estimation procedures of KDB 447498 is $\leq 1.4\text{ W/kg}$, $\leq 8\text{ mm}$, $\leq 7\text{ mm}$ and $\leq 5\text{ mm}$ zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.				

10.3. WCDMA Measurement Procedures for SAR

The following procedures are applicable to WCDMA handsets operating under 3GPP Release99, Release 5 and Release 6. The default test configuration is to measure SAR with an established radio link between the DUT and a communication test set using a 12.2kbps RMC (reference measurement channel) configured in Test Loop Mode 1. SAR is selectively confirmed for other physical channel configurations (DPCCH & DPDCH_n), HSDPA and HSPA (HSUPA/HSDPA) modes according to output power, exposure conditions and device operating capabilities. Both uplink and downlink should be configured with the same RMC or AMR, when required. SAR for Release 5 HSDPA and Release 6 HSPA are measured using the applicable FRC (fixed reference channel) and E-DCH reference channel configurations. Maximum output power is verified according to applicable versions of 3GPP TS 34.121 and SAR must be measured according to these maximum output conditions. When Maximum Power Reduction (MPR) is not implemented according to Cubic Metric (CM) requirements for Release 6 HSPA, the following procedures do not apply.

For Release 5 HSDPA Data Devices:

Sub-test	β_c	β_d	β_d (SF)	β_c / β_d	β_{hs}	CM/dB
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15	15/15	64	12/15	24/25	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5

For Release 6 HSPA Data Devices

Sub-test	β_c	β_d	β_d (SF)	β_c / β_d	β_{hs}	β_{ec}	β_{ed}	β_{ed} (SF)	β_{ed} (codes)	CM (dB)	MPR (dB)	AG Index	E-TFCI
1	11/15	15/15	64	11/15	22/15	209/225	1039/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	12/15	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	$\beta_{ed1}:47/15$ $\beta_{ed2}:47/15$	4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	4/15	56/75	4	1	3.0	2.0	17	71
5	15/15	15/15	64	15/15	24/15	30/15	134/15	4	1	1.0	0.0	21	81

10.4. SAR Measurement for LTE

SAR tests for LTE are performed with a base station simulator, Anristu MT8820C. Closed loop power control was used so the UE transmits with maximum output power during SAR testing. All powers were measured with the Anristu MT8820C. 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.

10.5. LTE (TDD) Considerations

According to KDB 941225 D05 SAR for LTE Devices, for Time-Division Duplex (TDD) systems, SAR must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP LTE TDD configurations.

SAR was tested with the highest transmission duty factor (63.33%) using Uplink-downlink configuration 0 and Special subframe configuration 7.

LTE TDD Band 38/41 support 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations and Table 4.2-1 for Special subframe configurations.

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

Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

Uplink-Downlink Configuration	Downlink-to-Uplink Switch-point Periodicity	Subframe Number										Calculated Duty Cycle (%)
		0	1	2	3	4	5	6	7	8	9	
0	5 ms	D	S	U	U	U	D	S	U	U	U	63.33
1	5 ms	D	S	U	U	D	D	S	U	U	D	43.33
2	5 ms	D	S	U	D	D	D	S	U	D	D	23.33
3	10 ms	D	S	U	U	U	D	D	D	D	D	31.67
4	10 ms	D	S	U	U	D	D	D	D	D	D	21.67
5	10 ms	D	S	U	D	D	D	D	D	D	D	11.67
6	5 ms	D	S	U	U	U	D	S	U	U	D	53.33

Calculated Duty Cycle

Calculated Duty Cycle = Extended cyclic prefix in uplink $\times (T_s) \times \# \text{ of S} + \# \text{ of U}$

Example for Calculated Duty Cycle for Uplink-Downlink Configuration 0:

Calculated Duty Cycle = $5120 \times [1/(15000 \times 2048)] \times 2 + 6 \text{ ms} = 63.33\%$

Where

$T_s = 1/(15000 \times 2048)$ seconds

10.6. Bluetooth & WLAN Measurement Procedures for SAR

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

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

10.7. Power Drift

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

11. 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 (P_{limit} , maximum tune up output power P_{max}). The details of test scenarios categorization in the table below.

Summary of power level – WWAN antenna

CE Head (Standalone)	CE Body (Standalone)	CE Body (WWAN+BT/WLAN)	CE Body (WWAN+BT/WLAN)	Full Power
P_{limit}				P_{max}
DSI2	DSI4	DSI1	DSI3	

Summary of power level – WLAN antenna

Bluetooth/WLAN stand-alone	Receiver on (Head)	Receiver off (Body)
	Power Level C1	Power Level D1
Bluetooth/WLAN + WWAN simultaneous transmission	Receiver on (Head)	Receiver off (Body)
	Power Level C2	Power Level D2

11.1. GSM Measurement result

Table 11.1: The conducted power measurement results for GSM/GPRS/EGPRS

Ant.0 - GSM850 Power Level DSI2/DSI1

GSM850 Speech	Tune up	Measured Power (dBm)						
		Ch.251	Ch.190	Ch.128				
1Tx slot	33.5	32.56	32.37	32.31				
GPRS850/ EDGE850	/	Measured timeslot-Averaged output Power (dBm)			calculation	Source-based time-Averaged output Power (dBm)		
		Ch.251	Ch.190	Ch.128		Ch.251	Ch.190	Ch.128
1Tx-slot	33.5	32.58	32.32	32.33	-9.03	23.55	23.29	23.30
2Tx-slots	31.5	30.12	29.96	29.54	-6.02	24.10	23.94	23.52
3Tx-slots	29.7	27.97	28.23	27.94	-4.26	23.71	23.97	23.68
4Tx-slots	28.5	26.69	26.76	26.52	-3.01	23.68	23.75	23.51
EDGE850 (8PSK)	/	Measured timeslot-Averaged output Power (dBm)			calculation	Source-based time-Averaged output Power (dBm)		
		Ch.251	Ch.190	Ch.128		Ch.251	Ch.190	Ch.128
1Tx-slot	28.5	26.80	26.73	26.52	-9.03	17.77	17.70	17.49
2Tx-slots	26.0	24.11	24.12	24.03	-6.02	18.09	18.10	18.01
3Tx-slots	24.2	22.23	22.81	22.49	-4.26	17.97	18.55	18.23
4Tx-slots	23.5	21.54	21.84	21.66	-3.01	18.53	18.83	18.65

Ant.4 - GSM1900 Power Level DSI2/DSI1

GSM1900 Speech	Tune up	Measured Power (dBm)						
		Ch.810	Ch.661	Ch.512				
1Tx slot	30.5	29.93	29.13	29.84				
GPRS1900/ EDGE1900	/	Measured timeslot-Averaged output Power (dBm)			calculation	Source-based time-Averaged output Power (dBm)		
		Ch.810	Ch.661	Ch.512		Ch.810	Ch.661	Ch.512
1Tx-slot	30.5	29.95	29.11	29.87	-9.03	20.92	20.08	20.84
2Tx-slots	28.5	27.33	26.70	27.31	-6.02	21.31	20.68	21.29
3Tx-slots	26.7	25.38	25.02	25.46	-4.26	21.12	20.76	21.20
4Tx-slots	25.5	24.10	23.72	23.87	-3.01	21.09	20.71	20.86
EDGE1900 (8PSK)	/	Measured timeslot-Averaged output Power (dBm)			calculation	Source-based time-Averaged output Power (dBm)		
		Ch.810	Ch.661	Ch.512		Ch.810	Ch.661	Ch.512
1Tx-slot	27.5	26.17	25.64	26.24	-9.03	17.14	16.61	17.21
2Tx-slots	25.0	23.32	23.03	23.47	-6.02	17.30	17.01	17.45
3Tx-slots	23.2	21.53	21.27	21.69	-4.26	17.27	17.01	17.43
4Tx-slots	22.5	20.67	20.55	20.78	-3.01	17.66	17.54	17.77

11.2. WCDMA Measurement result

Table 11.2: The conducted power measurement results WCDMA

Ant.1 - WCDMA Band 2 Power Level DSI2

Item	Band	WCDMA Band 2 Result			
	ARFCN	Tune up	Ch.9538 (1907.6MHz)	Ch.9400 (1880MHz)	Ch.9262 (1852.4MHz)
WCDMA	12.2kbps RMC	18.1	17.17	17.18	17.42
HSUPA	1	16.6	15.71	15.72	15.91
	2	16.6	15.80	15.83	16.02
	3	16.6	15.69	15.68	15.91
	4	15.6	14.62	14.62	14.78
	5	17.6	16.72	16.67	16.94
HSDPA	1	17.6	16.68	16.67	16.95
	2	17.6	16.76	16.77	16.98
	3	17.1	16.38	16.38	16.61
	4	17.1	16.38	16.42	16.60
DC- HSDPA	1	17.6	16.72	16.64	16.93
	2	17.6	16.74	16.80	16.95
	3	17.1	16.41	16.36	16.60
	4	17.1	16.34	16.44	16.62

Ant.1 - WCDMA Band 2 Power Level DSI4

Item	Band	WCDMA Band 2 Result			
	ARFCN	Tune up	Ch.9538 (1907.6MHz)	Ch.9400 (1880MHz)	Ch.9262 (1852.4MHz)
WCDMA	12.2kbps RMC	17.1	16.19	16.21	16.30
HSUPA	1	15.1	14.32	14.30	14.40
	2	15.1	14.36	14.40	14.55
	3	15.1	13.98	14.02	14.14
	4	14.6	13.49	13.49	13.65
	5	16.6	15.74	15.67	15.84
HSDPA	1	16.6	15.68	15.66	15.80
	2	16.6	15.84	15.81	15.90
	3	16.1	15.33	15.30	15.45
	4	16.1	15.23	15.21	15.29
DC- HSDPA	1	16.6	15.71	15.64	15.78
	2	16.6	15.83	15.79	15.94
	3	16.1	15.33	15.33	15.48
	4	16.1	15.24	15.18	15.31

Ant.1 - WCDMA Band 2 Power Level DSI1

Item	Band	WCDMA Band 2 Result			
	ARFCN	Tune up	Ch.9538 (1907.6MHz)	Ch.9400 (1880MHz)	Ch.9262 (1852.4MHz)
WCDMA	12.2kbps RMC	21.9	20.98	20.94	21.08
HSUPA	1	19.9	18.73	18.56	18.84
	2	19.9	18.84	18.69	18.93
	3	19.9	18.80	18.70	18.94
	4	19.4	18.35	18.18	18.47
	5	21.4	20.52	20.37	20.66
HSDPA	1	21.4	20.52	20.37	20.65
	2	21.4	20.60	20.47	20.74
	3	20.9	20.05	19.89	20.14
	4	20.9	20.05	19.86	20.00
DC- HSDPA	1	21.4	20.49	20.37	20.61
	2	21.4	20.62	20.48	20.74
	3	20.9	20.05	19.91	20.13
	4	20.9	20.03	19.84	19.99

Ant.1 - WCDMA Band 2 Power Level DSI3

Item	Band	WCDMA Band 2 Result			
	ARFCN	Tune up	Ch.9538 (1907.6MHz)	Ch.9400 (1880MHz)	Ch.9262 (1852.4MHz)
WCDMA	12.2kbps RMC	20.7	19.73	19.85	20.04
HSUPA	1	18.7	17.40	17.49	17.69
	2	18.7	17.48	17.62	17.75
	3	18.7	17.58	17.71	17.88
	4	18.2	16.97	17.11	17.27
	5	20.2	19.19	19.29	19.50
HSDPA	1	20.2	19.21	19.27	19.48
	2	20.2	19.34	19.40	19.59
	3	19.7	18.72	18.83	19.00
	4	19.7	18.72	18.81	18.95
DC- HSDPA	1	20.2	19.24	19.24	19.49
	2	20.2	19.33	19.38	19.60
	3	19.7	18.74	18.80	19.03
	4	19.7	18.74	18.77	18.96

Ant.4 - WCDMA Band 2 Power Level DSI2

Item	Band	WCDMA Band 2 Result			
	ARFCN	Tune up	Ch.9538 (1907.6MHz)	Ch.9400 (1880MHz)	Ch.9262 (1852.4MHz)
WCDMA	12.2kbps RMC	24.5	22.87	22.94	23.17
HSUPA	1	22.5	20.95	21.01	21.24
	2	22.5	21.02	21.12	21.33
	3	22.5	21.13	21.22	21.41
	4	22.0	20.63	20.69	20.91
	5	24.0	22.87	22.93	23.16
HSDPA	1	24.0	22.81	22.93	23.10
	2	24.0	22.97	23.00	23.23
	3	23.5	22.34	22.39	22.59
	4	23.5	22.37	22.44	22.65
DC- HSDPA	1	24.0	22.80	22.95	23.11
	2	24.0	22.98	22.98	23.26
	3	23.5	22.30	22.42	22.58
	4	23.5	22.40	22.41	22.63

Ant.4 - WCDMA Band 2 Power Level DSI1

Item	Band	WCDMA Band 2 Result			
	ARFCN	Tune up	Ch.9538 (1907.6MHz)	Ch.9400 (1880MHz)	Ch.9262 (1852.4MHz)
WCDMA	12.2kbps RMC	23.3	22.03	22.05	22.23
HSUPA	1	21.3	20.15	20.18	20.41
	2	21.3	20.26	20.30	20.53
	3	21.3	20.21	20.32	20.54
	4	20.8	19.75	19.80	20.06
	5	22.8	21.92	22.01	22.22
HSDPA	1	22.8	21.91	22.03	22.27
	2	22.8	22.05	22.08	22.32
	3	22.3	21.45	21.48	21.72
	4	22.3	21.43	21.50	21.70
DC- HSDPA	1	22.8	21.94	21.99	22.27
	2	22.8	22.05	22.10	22.32
	3	22.3	21.49	21.48	21.76
	4	22.3	21.40	21.49	21.72

Ant.4 - WCDMA Band 2 Power Level DSI3

Item	Band	WCDMA Band 2 Result			
	ARFCN	Tune up	Ch.9538 (1907.6MHz)	Ch.9400 (1880MHz)	Ch.9262 (1852.4MHz)
WCDMA	12.2kbps RMC	22.1	20.79	20.85	21.02
HSUPA	1	20.1	18.94	19.00	19.19
	2	20.1	19.04	19.08	19.35
	3	20.1	19.07	19.13	19.31
	4	19.6	18.51	18.61	18.86
	5	21.6	20.71	20.79	21.04
HSDPA	1	21.6	20.54	20.63	20.84
	2	21.6	20.62	20.71	20.89
	3	21.1	20.28	20.34	20.54
	4	21.1	20.22	20.30	20.53
DC- HSDPA	1	21.6	20.52	20.65	20.84
	2	21.6	20.63	20.73	20.90
	3	21.1	20.30	20.33	20.53
	4	21.1	20.19	20.29	20.55

Ant.1 - WCDMA Band 4 Power Level DSI2

Item	Band	WCDMA Band 4 Result			
	ARFCN	Tune up	Ch.1513 (1752.6MHz)	Ch.1413 (1732.6MHz)	Ch.1312 (1712.4MHz)
WCDMA	12.2kbps RMC	19.0	18.15	18.11	18.06
HSUPA	1	17.0	15.84	15.80	15.79
	2	17.0	15.88	15.89	15.88
	3	17.0	16.00	15.98	15.99
	4	16.5	15.48	15.54	15.49
	5	18.5	17.56	17.56	17.60
HSDPA	1	18.5	17.67	17.71	17.72
	2	18.5	17.77	17.83	17.81
	3	18.0	17.20	17.16	17.17
	4	18.0	17.16	17.20	17.28
DC- HSDPA	1	18.5	17.67	17.73	17.71
	2	18.5	17.82	17.84	17.83
	3	18.0	17.23	17.22	17.17
	4	18.0	17.20	17.17	17.22

Ant.1 - WCDMA Band 4 Power Level DSI4

Item	Band	WCDMA Band 4 Result			
	ARFCN	Tune up	Ch.1513 (1752.6MHz)	Ch.1413 (1732.6MHz)	Ch.1312 (1712.4MHz)
WCDMA	12.2kbps RMC	18.0	17.15	17.06	17.98
HSUPA	1	16.0	14.75	14.67	14.70
	2	16.0	14.80	14.76	14.74
	3	16.0	14.95	14.88	14.83
	4	15.5	14.44	14.43	14.38
	5	17.5	16.65	16.56	16.56
HSDPA	1	17.5	16.59	16.59	16.55
	2	17.5	16.73	16.73	16.66
	3	17.0	16.10	16.11	16.03
	4	17.0	16.15	16.16	16.05
DC- HSDPA	1	17.5	16.66	16.63	16.56
	2	17.5	16.69	16.67	16.66
	3	17.0	16.12	16.10	16.09
	4	17.0	16.10	16.12	16.07

Ant.1 - WCDMA Band 4 Power Level DSI1

Item	Band	WCDMA Band 4 Result			
	ARFCN	Tune up	Ch.1513 (1752.6MHz)	Ch.1413 (1732.6MHz)	Ch.1312 (1712.4MHz)
WCDMA	12.2kbps RMC	23.5	22.59	22.57	22.49
HSUPA	1	21.5	20.43	20.37	20.32
	2	21.5	20.53	20.51	20.50
	3	21.5	20.53	20.48	20.44
	4	21.0	20.05	20.02	19.99
	5	23.0	22.19	22.19	22.15
HSDPA	1	23.0	22.23	22.17	22.16
	2	23.0	22.33	22.28	22.23
	3	22.5	21.74	21.72	21.70
	4	22.5	21.58	21.62	21.60
DC- HSDPA	1	23.0	22.22	22.20	22.19
	2	23.0	22.30	22.34	22.28
	3	22.5	21.69	21.66	21.67
	4	22.5	21.61	21.59	21.55

Ant.1 - WCDMA Band 4 Power Level DSI3

Item	Band	WCDMA Band 4 Result			
	ARFCN	Tune up	Ch.1513 (1752.6MHz)	Ch.1413 (1732.6MHz)	Ch.1312 (1712.4MHz)
WCDMA	12.2kbps RMC	22.1	21.13	21.11	20.99
HSUPA	1	20.1	18.90	18.86	18.84
	2	20.1	18.98	19.01	18.99
	3	20.1	19.08	19.07	19.07
	4	19.6	18.55	18.48	18.45
	5	21.6	20.75	20.66	20.65
HSDPA	1	21.6	20.73	20.69	20.65
	2	21.6	20.82	20.82	20.78
	3	21.1	20.24	20.20	20.14
	4	21.1	20.24	20.21	20.19
DC- HSDPA	1	21.6	20.69	20.69	20.67
	2	21.6	20.80	20.77	20.80
	3	21.1	20.21	20.22	20.17
	4	21.1	20.20	20.22	20.17

Ant.4 - WCDMA Band 4 Power Level DSI2

Item	Band	WCDMA Band 4 Result			
	ARFCN	Tune up	Ch.1513 (1752.6MHz)	Ch.1413 (1732.6MHz)	Ch.1312 (1712.4MHz)
WCDMA	12.2kbps RMC	24.5	22.93	22.98	22.86
HSUPA	1	22.5	21.02	21.07	21.01
	2	22.5	21.13	21.16	21.02
	3	22.5	21.22	21.29	21.21
	4	22.0	20.78	20.82	20.68
	5	24.0	22.96	23.03	22.87
HSDPA	1	24.0	23.08	23.12	23.00
	2	24.0	23.16	23.19	23.11
	3	23.5	22.45	22.52	22.41
	4	23.5	22.44	22.52	22.37
DC- HSDPA	1	24.0	23.08	23.11	22.99
	2	24.0	23.14	23.23	23.11
	3	23.5	22.47	22.46	22.38
	4	23.5	22.46	22.51	22.38

Ant.4 - WCDMA Band 4 Power Level DSI1

Item	Band	WCDMA Band 4 Result			
	ARFCN	Tune up	Ch.1513 (1752.6MHz)	Ch.1413 (1732.6MHz)	Ch.1312 (1712.4MHz)
WCDMA	12.2kbps RMC	23.7	22.37	22.39	22.32
HSUPA	1	21.7	20.65	20.70	20.59
	2	21.7	20.77	20.78	20.70
	3	21.7	20.85	20.90	20.81
	4	21.2	20.39	20.44	20.30
	5	23.2	22.48	22.53	22.37
HSDPA	1	23.2	22.52	22.63	22.49
	2	23.2	22.67	22.68	22.56
	3	22.7	22.08	22.10	22.01
	4	22.7	22.07	22.06	21.98
DC- HSDPA	1	23.2	22.58	22.58	22.49
	2	23.2	22.68	22.74	22.60
	3	22.7	22.03	22.13	22.00
	4	22.7	22.03	22.07	22.02

Ant.4 - WCDMA Band 4 Power Level DSI3

Item	Band	WCDMA Band 4 Result			
	ARFCN	Tune up	Ch.1513 (1752.6MHz)	Ch.1413 (1732.6MHz)	Ch.1312 (1712.4MHz)
WCDMA	12.2kbps RMC	22.5	21.16	21.29	21.13
HSUPA	1	20.5	19.34	19.39	19.28
	2	20.5	19.46	19.47	19.42
	3	20.5	19.46	19.50	19.42
	4	20.0	18.89	18.91	18.83
	5	22.0	21.09	21.14	21.00
HSDPA	1	22.0	21.28	21.27	21.20
	2	22.0	21.36	21.36	21.28
	3	21.5	20.76	20.77	20.69
	4	21.5	20.76	20.77	20.68
DC- HSDPA	1	22.0	21.24	21.31	21.18
	2	22.0	21.34	21.43	21.27
	3	21.5	20.75	20.78	20.67
	4	21.5	20.73	20.76	20.65

Ant.1 - WCDMA Band 5 Power Level DSI2/DSI1

Item	Band	WCDMA Band 5 Result			
	ARFCN	Tune up	Ch.4233 (846.6MHz)	Ch.4183 (836.6MHz)	Ch.4132 (826.4MHz)
WCDMA	12.2kbps RMC	24.8	23.28	23.23	23.36
HSUPA	1	22.8	21.65	21.63	21.78
	2	22.8	21.74	21.70	21.83
	3	22.8	21.45	21.39	21.58
	4	21.8	20.35	20.29	20.45
	5	23.8	22.56	22.50	22.64
HSDPA	1	23.8	22.54	22.47	22.66
	2	23.8	22.63	22.57	22.77
	3	23.3	22.04	21.97	22.18
	4	23.3	22.00	21.97	22.15
DC- HSDPA	1	23.8	22.50	22.51	22.64
	2	23.8	22.61	22.64	22.77
	3	23.3	22.07	22.00	22.17
	4	23.3	22.01	21.97	22.16

Ant.0 - WCDMA Band 5 Power Level DSI2/DSI1

Item	Band	WCDMA Band 5 Result			
	ARFCN	Tune up	Ch.4233 (846.6MHz)	Ch.4183 (836.6MHz)	Ch.4132 (826.4MHz)
WCDMA	12.2kbps RMC	25.0	23.51	23.49	23.50
HSUPA	1	23.0	22.07	22.11	22.10
	2	23.0	22.21	22.16	22.24
	3	23.0	21.92	21.87	21.90
	4	22.0	20.78	20.76	20.78
	5	24.0	23.01	23.01	23.03
HSDPA	1	24.0	23.00	23.00	23.04
	2	24.0	23.07	23.09	23.14
	3	23.5	22.50	22.46	22.54
	4	23.5	22.53	22.46	22.47
DC- HSDPA	1	24.0	22.98	23.04	22.96
	2	24.0	23.06	23.10	23.11
	3	23.5	22.47	22.51	22.54
	4	23.5	22.50	22.49	22.50

11.3. LTE Measurement result

According to April 2015 TCB workshop, SAR Test exclusion can be applied for testing overlapping LTE Bands as follows:

- a) The maximum out power, including tolerance, for the smaller band must be $\leq$ the larger band to qualify for SAR test exclusion.
- b) The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band.

LTE Band 5 (824-849MHz) is covered by LTE Band 26 (814-849MHz)

LTE Band 17 (704-716MHz) is covered by LTE Band 12 (699-716MHz)

Table 11.3: The conducted Power for LTE
Ant.1 - LTE Band 2 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1909.3	16.77	17.22	16.84	17.7	17.7	17.7
		1880.0	16.60	16.99	16.77			
		1850.7	16.95	17.35	17.14			
		1909.3	16.75	17.24	17.05			
	1RB-Middle (3)	1880.0	16.64	17.05	16.82			
		1850.7	16.97	17.31	17.32			
		1909.3	16.78	17.16	16.94			
		1880.0	16.59	17.00	16.92			
	1RB-Low (0)	1850.7	16.96	17.15	16.98			
		1909.3	16.81	16.98	16.86			
		1880.0	16.64	16.76	16.71			
		1850.7	17.03	17.15	17.14			
	3RB-High (3)	1909.3	16.80	16.99	16.83			
		1880.0	16.63	16.88	16.68			
		1850.7	17.01	17.22	17.00			
		1909.3	16.79	16.96	16.88			
	3RB-Middle (1)	1880.0	16.65	16.89	16.68			
		1850.7	16.94	17.18	17.04			
		1909.3	16.82	16.90	16.79			
		1880.0	16.67	16.79	16.68			
	3RB-Low (0)	1850.7	17.01	17.12	17.07			
		1909.3	16.79	16.96	16.88			
		1880.0	16.65	16.89	16.68			
		1850.7	16.94	17.18	17.04			
	6RB (0)	1909.3	16.82	16.90	16.79			
		1880.0	16.67	16.79	16.68			
		1850.7	17.01	17.12	17.07			
		1909.3	16.79	16.96	16.88			
3MHz	1RB-High (14)	1908.5	16.74	17.32	16.85	17.7	17.7	17.7
		1880.0	16.58	17.00	16.82			
		1851.5	16.90	17.33	17.02			
		1908.5	16.89	17.19	17.06			
	1RB-Middle (7)	1880.0	16.68	17.08	16.86			
		1851.5	17.00	17.30	17.20			
		1908.5	16.71	17.00	17.01			
		1880.0	16.68	17.10	16.70			
	1RB-Low (0)	1851.5	16.93	17.14	17.00			
		1908.5	16.84	16.95	16.84			
		1880.0	16.70	16.79	16.71			
		1851.5	16.94	17.03	16.93			
	8RB-High (7)	1908.5	16.88	16.97	16.89			
		1880.0	16.70	16.78	16.71			
		1851.5	17.00	17.09	16.94			
		1908.5	16.84	16.93	16.76			
	8RB-Middle (4)	1880.0	16.69	16.75	16.67			
		1851.5	17.04	17.14	17.02			
		1908.5	16.84	16.87	16.83			
		1880.0	16.70	16.73	16.63			
	8RB-Low (0)	1851.5	16.94	16.95	16.87			
		1908.5	16.73	16.73	16.63			
		1880.0	16.70	16.73	16.63			
		1851.5	16.94	16.95	16.87			
15RB (0)	1880.0	16.70	16.73	16.63				
	1851.5	16.94	16.95	16.87				
	1907.5	16.73	16.96	16.91				
	1880.0	16.61	17.00	16.83				
5MHz	1RB-High (24)	1852.5	16.85	17.23	17.13	17.7	17.7	17.7
		1907.5	16.82	17.04	17.07			
		1880.0	16.68	17.00	16.91			
		1852.5	17.01	17.49	17.28			
	1RB-Middle (12)	1907.5	16.75	17.16	16.98			
		1880.0	16.57	16.86	16.84			
		1852.5	16.95	17.47	17.12			
		1907.5	16.84	16.93	16.87			
	12RB-High (13)	1880.0	16.72	16.73	16.67			
		1852.5	16.93	17.07	16.93			
		1907.5	16.85	16.92	16.88			
		1880.0	16.73	16.75	16.78			
	12RB-Middle (6)	1852.5	16.97	17.00	16.95			
		1907.5	16.83	16.86	16.83			
		1880.0	16.66	16.77	16.65			
		1852.5	17.05	17.09	17.03			
	12RB-Low (0)	1907.5	16.82	16.88	16.82			
		1880.0	16.64	16.71	16.65			
		1852.5	16.92	16.99	16.91			
		1907.5	16.73	16.96	16.91			
	25RB (0)	1880.0	16.61	17.00	16.83			
		1852.5	16.85	17.23	17.13			
		1907.5	16.82	17.04	17.07			
		1880.0	16.68	17.00	16.91			
10MHz	1RB-High (49)	1852.5	16.78	17.25	16.91	17.7	17.7	17.7
		1880.0	16.58	16.97	16.96			
		1855.0	16.88	17.14	16.92			
		1905.0	16.78	17.11	16.95			
	1RB-Middle (24)	1880.0	16.68	17.04	17.02			
		1855.0	17.02	17.36	17.01			
		1905.0	16.72	16.89	16.83			
		1880.0	16.56	16.90	16.71			
	1RB-Low (0)	1855.0	16.97	17.41	17.10			
		1905.0	16.86	16.88	16.82			
		1880.0	16.69	16.68	16.63			
		1855.0	16.89	16.90	16.81			
	25RB-High (25)	1905.0	16.86	16.88	16.84			
		1880.0	16.77	16.78	16.66			
		1855.0	16.98	17.07	16.98			
		1905.0	16.75	16.75	16.72			
	25RB-Middle (12)	1880.0	16.68	16.67	16.62			
		1855.0	17.05	17.05	16.91			
		1905.0	16.78	16.81	16.71			
		1880.0	16.69	16.69	16.63			
	25RB-Low (0)	1855.0	16.91	16.91	16.85			
		1905.0	16.82	16.88	16.82			
		1880.0	16.64	16.71	16.65			
		1852.5	16.92	16.99	16.91			
15MHz	1RB-High (74)	1902.5	16.57	16.95	16.70	17.7	17.7	17.7
		1880.0	16.31	16.74	16.38			
		1857.5	16.66	17.11	17.09			
		1902.5	16.56	16.91	16.91			
	1RB-Middle (37)	1880.0	16.42	16.74	16.70			
		1857.5	16.69	17.00	16.91			
		1902.5	16.17	16.45	16.31			
		1880.0	16.27	16.62	16.42			
	1RB-Low (0)	1857.5	16.82	17.12	16.96			
		1902.5	16.70	16.70	16.66			
		1880.0	16.56	16.60	16.47			
		1857.5	16.68	16.73	16.64			
	36RB-High (38)	1902.5	16.60	16.65	16.56			
		1880.0	16.54	16.56	16.53			
		1857.5	16.81	16.86	16.77			
		1902.5	16.45	16.54	16.36			
	36RB-Middle (19)	1880.0	16.55	16.51	16.47			
		1857.5	16.86	16.90	16.87			
		1902.5	16.57	16.59	16.47			
		1880.0	16.52	16.53	16.49			
	36RB-Low (0)	1857.5	16.85	16.81	16.75			
		1902.5	16.64	16.92	16.83			
		1880.0	16.36	16.67	16.52			
		1855.0	16.41	16.78	16.56			
20MHz	1RB-High (99)	1900.0	16.51	16.98	16.82	17.7	17.7	17.7
		1880.0	16.44	16.65	16.70			
		1850.0	16.68	17.11	16.86			
		1900.0	16.65	16.73	16.50			
	1RB-Middle (50)	1880.0	16.45	16.75	16.61			
		1850.0	16.79	17.07	16.97			
		1900.0	16.59	16.75	16.66			
		1880.0	16.54	16.55	16.47			
	1RB-Low (0)	1880.0	16.62	16.63	16.55			
		1900.0	16.60	16.65	16.55			
		1850.0	16.58	16.62	16.57			
		1860.0	16.76	16.83	16.75			
	50RB-High (50)	1900.0	16.63	16.67	16.49			
		1880.0	16.60	16.54	16.48			
		1850.0	16.62	16.86	16.77			
		1900.0	16.61	16.62	16.50			
	50RB-Middle (25)	1880.0	16.52	16.56	16.49			
		1860.0	16.67	16.71	16.62			
		1850.0	16.62	16.86	16.77			
		1900.0	16.61	16.62	16.50			
	50RB-Low (0)	1880.0	16.52	16.56	16.49			
		1860.0	16.67	16.71	16.62			
		1850.0	16.62	16.86	16.77			
		1900.0	16.61	16.62	16.50			
100RB (0)	1880.0	16.52	16.56	16.49				
	1860.0	16.67	16.71	16.62				
	1850.0	16.62	16.86	16.77				
	1900.0	16.61	16.62	16.50				



Ant.1 - LTE Band 2 Power Level DS14

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1909.3	15.60	16.01	15.89	16.7	16.7	16.7
		1880.0	15.39	15.80	15.75			
		1850.7	15.77	16.34	16.17			
		1909.3	15.65	16.03	15.94			
	1RB-Middle (3)	1880.0	15.42	15.90	15.82			
		1850.7	15.83	16.24	16.02			
		1909.3	15.58	16.02	15.86			
		1880.0	15.38	15.80	15.67			
	1RB-Low (0)	1850.7	15.77	16.19	16.11			
		1909.3	15.63	15.83	15.84			
		1880.0	15.48	15.76	15.69			
		1850.7	15.86	15.92	16.09			
	3RB-High (3)	1909.3	15.61	15.83	15.87			
		1880.0	15.40	15.70	15.71			
		1850.7	15.82	16.06	15.96			
		1909.3	15.64	15.90	15.91			
	3RB-Middle (1)	1880.0	15.44	15.71	15.68			
		1850.7	15.81	16.02	15.96			
		1909.3	15.64	15.78	15.76			
		1880.0	15.45	15.60	15.59			
	3RB-Low (0)	1850.7	15.83	15.94	15.95			
		1909.3	15.64	15.78	15.76			
		1880.0	15.45	15.60	15.59			
		1850.7	15.83	15.94	15.95			
	6RB (0)	1909.3	15.64	15.78	15.76			
		1880.0	15.45	15.60	15.59			
		1850.7	15.83	15.94	15.95			
		1909.3	15.64	15.78	15.76			
3MHz	1RB-High (14)	1908.5	15.56	15.86	15.92	16.7	16.7	16.7
		1880.0	15.36	15.72	15.65			
		1851.5	15.74	15.98	16.15			
		1908.5	15.67	16.21	15.91			
	1RB-Middle (7)	1880.0	15.41	15.82	15.77			
		1851.5	15.81	16.20	16.14			
		1908.5	15.55	16.05	15.98			
		1880.0	15.43	15.87	15.84			
	1RB-Low (0)	1851.5	15.76	16.11	15.94			
		1908.5	15.68	15.72	15.79			
		1880.0	15.45	15.61	15.60			
		1851.5	15.77	15.89	15.83			
	8RB-High (7)	1908.5	15.70	15.82	15.83			
		1880.0	15.47	15.69	15.73			
		1851.5	15.80	15.93	15.86			
		1908.5	15.66	15.73	15.77			
	8RB-Middle (4)	1908.5	15.66	15.73	15.77			
		1880.0	15.48	15.65	15.60			
		1851.5	15.83	15.98	15.90			
		1908.5	15.66	15.74	15.77			
	8RB-Low (0)	1880.0	15.48	15.65	15.60			
		1851.5	15.83	15.98	15.90			
		1908.5	15.66	15.74	15.77			
		1880.0	15.47	15.54	15.61			
15RB (0)	1851.5	15.76	15.86	15.83				
	1907.5	15.63	15.98	15.91				
	1880.0	15.40	15.83	15.64				
	1852.5	15.72	16.11	15.92				
5MHz	1RB-High (24)	1907.5	15.66	15.97	15.79	16.7	16.7	16.7
		1880.0	15.49	15.88	15.78			
		1852.5	15.88	16.18	16.10			
		1907.5	15.55	16.10	15.78			
	1RB-Middle (12)	1880.0	15.40	15.80	15.73			
		1852.5	15.75	16.22	16.10			
		1907.5	15.64	15.75	15.80			
		1880.0	15.50	15.61	15.60			
	12RB-High (13)	1852.5	15.72	15.84	15.81			
		1907.5	15.67	15.77	15.87			
		1880.0	15.51	15.59	15.68			
		1852.5	15.81	15.88	15.87			
	12RB-Middle (6)	1907.5	15.66	15.75	15.74			
		1880.0	15.54	15.58	15.62			
		1852.5	15.87	15.93	15.87			
		1907.5	15.66	15.73	15.76			
	12RB-Low (0)	1880.0	15.48	15.58	15.60			
		1852.5	15.75	15.82	15.81			
		1907.5	15.66	15.73	15.76			
		1880.0	15.48	15.58	15.60			
	25RB (0)	1852.5	15.75	15.82	15.81			
		1907.5	15.66	15.73	15.76			
		1880.0	15.48	15.58	15.60			
		1852.5	15.75	15.82	15.81			
10MHz	1RB-High (49)	1905.0	15.63	16.13	15.92	16.7	16.7	16.7
		1880.0	15.38	15.90	15.80			
		1855.0	15.64	15.88	15.89			
		1905.0	15.65	16.10	15.94			
	1RB-Middle (24)	1880.0	15.43	15.78	15.76			
		1855.0	15.80	16.33	16.13			
		1905.0	15.59	15.82	15.75			
		1880.0	15.41	15.85	15.84			
	1RB-Low (0)	1855.0	15.82	16.36	16.18			
		1905.0	15.69	15.75	15.79			
		1880.0	15.48	15.57	15.57			
		1855.0	15.72	15.72	15.81			
	25RB-High (25)	1905.0	15.64	15.75	15.74			
		1880.0	15.53	15.62	15.64			
		1855.0	15.74	15.87	15.86			
		1905.0	15.58	15.66	15.65			
	25RB-Middle (12)	1880.0	15.48	15.57	15.63			
		1855.0	15.83	15.91	15.90			
		1905.0	15.57	15.62	15.63			
		1880.0	15.49	15.58	15.57			
	25RB-Low (0)	1855.0	15.83	15.91	15.90			
		1905.0	15.57	15.62	15.63			
		1880.0	15.49	15.58	15.57			
		1855.0	15.75	15.74	15.78			
15MHz	1RB-High (74)	1902.5	15.39	15.74	15.74	16.7	16.7	16.7
		1880.0	15.10	15.53	15.38			
		1857.5	15.42	15.87	15.78			
		1902.5	15.41	15.66	15.51			
	1RB-Middle (37)	1880.0	15.29	15.58	15.51			
		1857.5	15.52	15.85	15.68			
		1902.5	15.08	15.34	15.29			
		1880.0	15.17	15.43	15.60			
	1RB-Low (0)	1857.5	15.71	15.91	15.98			
		1902.5	15.53	15.62	15.64			
		1880.0	15.35	15.41	15.48			
		1857.5	15.46	15.56	15.55			
	36RB-High (38)	1902.5	15.49	15.45	15.53			
		1880.0	15.34	15.43	15.45			
		1857.5	15.65	15.65	15.68			
		1902.5	15.36	15.38	15.39			
	36RB-Middle (19)	1880.0	15.36	15.40	15.45			
		1857.5	15.69	15.70	15.72			
		1902.5	15.47	15.45	15.44			
		1880.0	15.36	15.39	15.45			
	36RB-Low (0)	1857.5	15.62	15.65	15.67			
		1902.5	15.47	15.45	15.44			
		1880.0	15.36	15.39	15.45			
		1857.5	15.62	15.65	15.67			
20MHz	1RB-High (99)	1900.0	15.38	15.67	15.67	16.7	16.7	16.7
		1880.0	15.11	15.50	15.53			
		1860.0	15.22	15.58	15.67			
		1900.0	15.34	15.74	15.60			
	1RB-Middle (50)	1880.0	15.27	15.76	15.53			
		1860.0	15.47	15.67	15.75			
		1900.0	15.41	15.50	15.39			
		1880.0	15.33	15.46	15.47			
	1RB-Low (0)	1860.0	15.60	15.85	16.04			
		1900.0	15.56	15.58	15.59			
	50RB-High (50)	1880.0	15.33	15.41	15.41			
1860.0		15.42	15.42	15.47				
1900.0		15.46	15.46	15.51				
1880.0		15.36	15.45	15.44				
50RB-Middle (25)	1860.0	15.58	15.64	15.66				
	1900.0	15.23	15.32	15.39				
	1880.0	15.30	15.37	15.42				
	1860.0	15.68	15.71	15.74				
50RB-Low (0)	1900.0	15.43	15.40	15.47				
	1880.0	15.29	15.38	15.42				
	1860.0	15.44	15.44	15.45				
	1880.0	15.38	15.45	15.45				



Ant.1 - LTE Band 2 Power Level DSI1

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up				
1.4MHz	1RB-High (5)	1909.3	21.21	21.26	20.09	22.3	21.9	20.9				
		1880.0	21.08	20.87	20.07							
		1850.7	21.43	21.20	20.17							
	1RB-Middle (3)	1909.3	21.30	21.13	20.00							
		1880.0	21.11	21.09	19.77							
		1850.7	21.43	21.38	20.26							
	1RB-Low (0)	1909.3	21.19	21.28	20.11							
		1880.0	21.05	21.06	19.91							
		1850.7	21.41	21.39	20.14							
	3RB-High (3)	1909.3	21.28	20.97	20.03							
		1880.0	21.11	20.90	19.74							
		1850.7	21.43	21.16	20.15							
	3RB-Middle (1)	1909.3	21.24	21.04	20.03							
		1880.0	21.10	20.85	19.74							
		1850.7	21.47	21.22	20.12							
	3RB-Low (0)	1909.3	21.23	21.06	19.95							
		1880.0	21.08	20.83	19.81							
		1850.7	21.42	21.12	20.01							
	6RB (0)	1909.3	20.88	20.01	18.95							
		1880.0	20.75	19.92	18.77							
		1850.7	21.05	20.09	19.14							
	3MHz	1RB-High (14)	1908.5	21.26	21.20				20.10	22.3	21.9	20.9
			1880.0	21.06	21.05				19.85			
			1851.5	21.37	21.36				20.17			
1RB-Middle (7)		1908.5	21.34	21.11	20.01							
		1880.0	21.19	21.16	19.82							
		1851.5	21.49	21.38	20.44							
1RB-Low (0)		1908.5	21.22	21.36	19.93							
		1880.0	21.08	21.06	20.07							
		1851.5	21.41	21.41	20.22							
8RB-High (7)		1908.5	20.94	20.01	18.91							
		1880.0	20.77	19.84	18.73							
		1851.5	21.02	20.08	18.99							
8RB-Middle (4)		1908.5	20.97	20.05	18.90							
		1880.0	20.77	19.89	18.83							
		1851.5	21.04	20.17	19.06							
8RB-Low (0)		1908.5	20.95	20.04	18.88							
		1880.0	20.77	19.82	18.82							
		1851.5	21.13	20.22	19.08							
15RB (0)		1908.5	20.95	20.00	18.94							
		1880.0	20.75	19.80	18.77							
		1851.5	21.02	20.05	18.94							
5MHz		1RB-High (24)	1907.5	21.24	21.21	20.22	22.3	21.9	20.9			
			1880.0	21.09	21.13	19.94						
			1852.5	21.39	21.32	20.20						
	1RB-Middle (12)	1907.5	21.31	21.27	19.93							
		1880.0	21.13	21.10	20.02							
		1852.5	21.48	21.48	20.31							
	1RB-Low (0)	1907.5	21.21	21.29	19.91							
		1880.0	21.04	20.90	19.81							
		1852.5	21.39	21.42	20.33							
	12RB-High (13)	1907.5	20.95	20.03	18.95							
		1880.0	20.81	19.80	18.77							
		1852.5	21.01	20.07	18.98							
	12RB-Middle (6)	1907.5	20.95	20.06	19.00							
		1880.0	20.78	19.79	18.71							
		1852.5	21.07	20.08	19.06							
	12RB-Low (0)	1907.5	20.92	19.95	18.97							
		1880.0	20.74	19.79	18.73							
		1852.5	21.09	20.13	19.15							
	25RB (0)	1907.5	20.93	19.95	18.88							
		1880.0	20.73	19.76	18.81							
		1852.5	21.00	20.02	18.98							
	10MHz	1RB-High (48)	1905.0	21.27	21.35	20.14				22.3	21.9	20.9
			1880.0	21.09	20.81	19.92						
			1855.0	21.26	21.09	20.05						
1RB-Middle (24)		1905.0	21.30	21.36	19.99							
		1880.0	21.12	21.12	19.94							
		1855.0	21.44	21.24	20.35							
1RB-Low (0)		1905.0	21.20	21.13	19.84							
		1880.0	21.04	21.05	19.95							
		1855.0	21.39	21.32	20.08							
25RB-High (25)		1905.0	20.93	19.99	18.88							
		1880.0	20.78	19.78	18.75							
		1855.0	21.00	19.98	18.96							
25RB-Middle (12)		1905.0	20.99	20.00	18.91							
		1880.0	20.79	19.77	18.77							
		1855.0	21.09	20.14	19.09							
25RB-Low (0)		1905.0	20.81	19.88	18.79							
		1880.0	20.75	19.78	18.76							
		1855.0	21.06	20.11	19.07							
50RB (0)		1905.0	20.84	19.87	18.86							
		1880.0	20.75	19.80	18.72							
		1855.0	20.96	19.97	19.02							
15MHz		1RB-High (74)	1902.5	21.08	20.87	19.95	22.3	21.9	20.9			
			1880.0	20.79	20.70	19.56						
			1857.5	21.12	20.94	20.06						
	1RB-Middle (37)	1902.5	21.05	20.93	19.77							
		1880.0	20.98	20.96	19.76							
		1857.5	21.20	21.19	19.88							
	1RB-Low (0)	1902.5	20.70	20.52	19.49							
		1880.0	20.83	20.76	19.63							
		1857.5	21.33	21.23	20.03							
	36RB-High (38)	1902.5	20.84	19.86	18.81							
		1880.0	20.66	19.67	18.65							
		1857.5	20.79	19.76	18.77							
	36RB-Middle (19)	1902.5	20.70	19.71	18.70							
		1880.0	20.65	19.67	18.65							
		1857.5	20.93	19.92	18.90							
	36RB-Low (0)	1902.5	20.63	19.62	18.62							
		1880.0	20.61	19.67	18.61							
		1857.5	20.98	19.95	18.95							
	75RB (0)	1902.5	20.66	19.70	18.66							
		1880.0	20.63	19.67	18.61							
		1857.5	20.89	19.93	18.90							
	20MHz	1RB-High (99)	1900.0	21.01	21.02	20.03				22.3	21.9	20.9
			1880.0	20.82	20.68	19.41						
			1860.0	20.80	20.62	19.61						
1RB-Middle (50)		1900.0	21.01	20.94	19.75							
		1880.0	20.95	20.92	19.81							
		1860.0	21.12	21.27	20.06							
1RB-Low (0)		1900.0	21.09	20.67	19.61							
		1880.0	20.99	20.61	19.66							
		1860.0	21.23	21.17	20.02							
50RB-High (50)		1900.0	20.69	19.85	18.79							
		1880.0	20.63	19.67	18.61							
		1860.0	20.67	19.71	18.69							
50RB-Middle (25)		1900.0	20.71	19.69	18.70							
		1880.0	20.68	19.69	18.61							
		1860.0	20.87	19.92	18.87							
50RB-Low (0)		1900.0	20.73	19.69	18.59							
		1880.0	20.75	19.60	18.50							
		1860.0	20.92	19.92	18.93							
100RB (0)		1900.0	20.68	19.69	18.64							
		1880.0	20.63	19.62	18.62							
		1860.0	20.65	19.65	18.65							

Ant.1 - LTE Band 2 Power Level DSI3

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1909.3	19.89	20.39	20.11	21.1	21.1	20.9
		1880.0	19.73	20.19	20.08			
		1850.7	20.10	20.61	20.28			
	1RB-Middle (3)	1909.3	19.94	20.27	20.28			
		1880.0	19.81	20.26	20.20			
		1850.7	20.10	20.64	20.38			
	1RB-Low (0)	1909.3	19.97	20.29	20.30			
		1880.0	19.72	20.11	20.14			
		1850.7	20.14	20.47	20.17			
	3RB-High (3)	1909.3	19.97	20.10	20.13			
		1880.0	19.81	19.93	19.88			
		1850.7	20.17	20.30	20.37			
	3RB-Middle (1)	1909.3	19.97	20.19	20.14			
		1880.0	19.83	20.01	20.00			
		1850.7	20.14	20.32	20.35			
	3RB-Low (0)	1909.3	19.98	20.16	20.02			
		1880.0	19.80	19.98	19.98			
		1850.7	20.12	20.27	20.33			
	6RB (0)	1909.3	19.98	19.90	19.08			
		1880.0	19.80	19.73	18.91			
		1850.7	20.15	20.17	19.20			
3MHz	1RB-High (14)	1908.5	19.88	20.42	20.24	21.1	21.1	20.9
		1880.0	19.76	20.14	20.05			
		1851.5	20.03	20.52	20.24			
	1RB-Middle (7)	1908.5	20.02	20.49	20.30			
		1880.0	19.86	20.31	20.13			
		1851.5	20.18	20.53	20.39			
	1RB-Low (0)	1908.5	19.89	20.42	20.25			
		1880.0	19.73	20.14	20.02			
		1851.5	20.06	20.38	20.62			
	8RB-High (7)	1908.5	20.01	20.00	19.04			
		1880.0	19.82	19.79	18.92			
		1851.5	20.12	20.13	19.22			
	8RB-Middle (4)	1908.5	20.06	20.08	19.10			
		1880.0	19.83	19.85	19.01			
		1851.5	20.12	20.11	19.25			
	8RB-Low (0)	1908.5	20.01	20.01	19.08			
		1880.0	19.84	19.79	18.96			
		1851.5	20.20	20.21	19.32			
	15RB (0)	1908.5	20.04	19.95	19.03			
		1880.0	19.82	19.80	18.97			
		1851.5	20.13	20.03	19.17			
5MHz	1RB-High (24)	1907.5	19.87	20.33	20.17	21.1	21.1	20.9
		1880.0	19.74	20.02	19.96			
		1852.5	20.04	20.33	20.35			
	1RB-Middle (12)	1907.5	20.03	20.36	20.36			
		1880.0	19.85	20.20	20.14			
		1852.5	20.19	20.61	20.41			
	1RB-Low (0)	1907.5	19.93	20.21	20.19			
		1880.0	19.78	20.22	20.00			
		1852.5	20.13	20.53	20.42			
	12RB-High (13)	1907.5	20.00	19.96	19.09			
		1880.0	19.84	19.86	18.89			
		1852.5	20.08	19.99	19.12			
	12RB-Middle (6)	1907.5	20.04	19.98	19.15			
		1880.0	19.87	19.84	18.98			
		1852.5	20.16	20.09	19.27			
	12RB-Low (0)	1907.5	20.01	19.98	19.11			
		1880.0	19.81	19.74	18.96			
		1852.5	20.22	20.18	19.30			
	25RB (0)	1907.5	19.99	19.90	19.04			
		1880.0	19.86	19.81	18.91			
		1852.5	20.10	20.04	19.14			
10MHz	1RB-High (48)	1905.0	19.96	20.39	20.23	21.1	21.1	20.9
		1880.0	19.74	20.27	19.96			
		1855.0	19.95	20.44	20.37			
	1RB-Middle (24)	1905.0	19.98	20.46	20.37			
		1880.0	19.84	20.33	20.16			
		1855.0	20.13	20.53	20.47			
	1RB-Low (0)	1905.0	19.83	20.32	20.17			
		1880.0	19.75	20.24	19.89			
		1855.0	20.11	20.45	20.39			
	25RB-High (25)	1905.0	20.03	19.99	19.10			
		1880.0	19.87	19.77	18.92			
		1855.0	20.02	19.97	19.13			
	25RB-Middle (12)	1905.0	20.06	20.01	19.13			
		1880.0	19.87	19.83	18.91			
		1855.0	20.14	20.07	19.25			
	25RB-Low (0)	1905.0	19.89	19.87	18.92			
		1880.0	19.86	19.77	18.93			
		1855.0	20.18	20.11	19.19			
	50RB (0)	1905.0	19.91	19.87	18.99			
		1880.0	19.83	19.76	18.92			
		1855.0	20.07	19.98	19.11			
15MHz	1RB-High (74)	1902.5	19.74	20.01	19.94	21.1	21.1	20.9
		1880.0	19.51	19.89	19.71			
		1857.5	19.81	20.16	19.99			
	1RB-Middle (37)	1902.5	19.67	20.31	19.93			
		1880.0	19.61	20.05	19.93			
		1857.5	19.86	20.17	20.14			
	1RB-Low (0)	1902.5	19.34	19.92	19.63			
		1880.0	19.52	19.79	19.86			
		1857.5	19.92	20.29	20.24			
	36RB-High (38)	1902.5	19.87	19.83	18.99			
		1880.0	19.72	19.65	18.78			
		1857.5	19.85	19.81	18.96			
	36RB-Middle (19)	1902.5	19.76	19.69	18.89			
		1880.0	19.72	19.68	18.78			
		1857.5	19.97	19.88	19.08			
	36RB-Low (0)	1902.5	19.68	19.60	18.74			
		1880.0	19.70	19.66	18.82			
		1857.5	20.02	19.95	19.11			
	75RB (0)	1902.5	19.76	19.68	18.86			
		1880.0	19.72	19.66	18.78			
		1857.5	19.99	19.95	19.05			
20MHz	1RB-High (99)	1900.0	19.75	20.13	20.09	21.1	21.1	20.9
		1880.0	19.52	19.99	19.82			
		1860.0	19.59	19.97	19.84			
	1RB-Middle (50)	1900.0	19.69	20.22	20.04			
		1880.0	19.61	20.14	20.01			
		1860.0	19.88	20.06	20.31			
	1RB-Low (0)	1900.0	19.76	19.67	19.63			
		1880.0	19.65	19.89	19.90			
		1860.0	19.87	20.37	20.32			
	50RB-High (50)	1900.0	19.77	19.87	19.01			
		1880.0	19.68	19.66	18.76			
		1860.0	19.79	19.66	18.86			
	50RB-Middle (25)	1900.0	19.73	19.75	18.88			
		1880.0	19.74	19.71	18.83			
		1860.0	19.95	19.85	19.06			
	50RB-Low (0)	1900.0	19.82	19.56	18.73			
		1880.0	19.77	19.63	18.76			
		1860.0	19.99	19.94	19.10			
	100RB (0)	1900.0	19.74	19.71	18.84			
		1880.0	19.68	19.62	18.79			
		1860.0	19.94	19.88	18.98			



Ant.4 - LTE Band 2 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1909.3	22.34	21.72	20.67	23.5	22.5	21.5
		1880.0	22.23	21.54	20.51			
		1850.7	22.55	21.89	20.73			
	1RB-Middle (3)	1909.3	22.37	21.86	20.68			
		1880.0	22.20	21.61	20.38			
		1850.7	22.57	21.94	21.07			
	1RB-Low (0)	1909.3	22.30	21.74	20.62			
		1880.0	22.20	21.71	20.50			
		1850.7	22.55	21.99	20.76			
	3RB-High (3)	1909.3	22.43	21.55	20.49			
		1880.0	22.28	21.53	20.39			
		1850.7	22.56	21.74	20.69			
	3RB-Middle (1)	1909.3	22.39	21.56	20.64			
		1880.0	22.32	21.44	20.32			
		1850.7	22.59	21.80	20.78			
	3RB-Low (0)	1909.3	22.42	21.62	20.55			
		1880.0	22.27	21.36	20.41			
		1850.7	22.62	21.64	20.71			
	6RB (0)	1909.3	21.41	20.54	19.48			
		1880.0	21.26	20.44	19.38			
		1850.7	21.62	20.73	19.70			
3MHz	1RB-High (14)	1908.5	22.34	21.76	20.46	23.5	22.5	21.5
		1880.0	22.24	21.51	20.41			
		1851.5	22.53	21.94	20.73			
	1RB-Middle (7)	1908.5	22.43	21.92	20.67			
		1880.0	22.29	21.63	20.58			
		1851.5	22.69	21.85	20.93			
	1RB-Low (0)	1908.5	22.36	21.73	20.53			
		1880.0	22.22	21.56	20.38			
		1851.5	22.55	21.93	20.85			
	8RB-High (7)	1908.5	21.48	20.54	19.56			
		1880.0	21.32	20.38	19.47			
		1851.5	21.67	20.63	19.59			
	8RB-Middle (4)	1908.5	21.52	20.62	19.61			
		1880.0	21.37	20.42	19.36			
		1851.5	21.68	20.66	19.62			
	8RB-Low (0)	1908.5	21.52	20.61	19.56			
		1880.0	21.32	20.43	19.38			
		1851.5	21.65	20.77	19.67			
	15RB (0)	1908.5	21.46	20.54	19.54			
		1880.0	21.30	20.32	19.32			
		1851.5	21.56	20.58	19.62			
5MHz	1RB-High (24)	1907.5	22.38	21.77	20.66	23.5	22.5	21.5
		1880.0	22.21	21.63	20.27			
		1852.5	22.53	21.94	20.78			
	1RB-Middle (12)	1907.5	22.50	21.73	20.71			
		1880.0	22.34	21.59	20.60			
		1852.5	22.65	22.01	20.89			
	1RB-Low (0)	1907.5	22.36	21.74	20.75			
		1880.0	22.28	21.66	20.41			
		1852.5	22.53	22.04	20.94			
	12RB-High (13)	1907.5	21.49	20.56	19.53			
		1880.0	21.34	20.40	19.41			
		1852.5	21.55	20.64	19.58			
	12RB-Middle (6)	1907.5	21.53	20.59	19.58			
		1880.0	21.39	20.41	19.39			
		1852.5	21.60	20.71	19.60			
	12RB-Low (0)	1907.5	21.48	20.54	19.59			
		1880.0	21.33	20.39	19.42			
		1852.5	21.64	20.77	19.68			
	25RB (0)	1907.5	21.47	20.50	19.52			
		1880.0	21.32	20.40	19.38			
		1852.5	21.57	20.59	19.58			
10MHz	1RB-High (49)	1905.0	22.39	21.76	20.57	23.5	22.5	21.5
		1880.0	22.27	21.65	20.49			
		1855.0	22.45	21.95	20.78			
	1RB-Middle (24)	1905.0	22.45	21.87	20.76			
		1880.0	22.31	21.66	20.60			
		1855.0	22.59	21.89	20.85			
	1RB-Low (0)	1905.0	22.35	21.68	20.55			
		1880.0	22.22	21.50	20.33			
		1855.0	22.62	21.86	20.79			
	25RB-High (25)	1905.0	21.52	20.58	19.53			
		1880.0	21.36	20.39	19.33			
		1855.0	21.53	20.52	19.54			
	25RB-Middle (12)	1905.0	21.55	20.57	19.55			
		1880.0	21.35	20.38	19.38			
		1855.0	21.63	20.67	19.66			
	25RB-Low (0)	1905.0	21.45	20.43	19.43			
		1880.0	21.32	20.35	19.35			
		1855.0	21.66	20.68	19.66			
	50RB (0)	1905.0	21.45	20.45	19.41			
		1880.0	21.34	20.36	19.32			
		1855.0	21.56	20.56	19.53			
15MHz	1RB-High (74)	1902.5	22.22	21.38	20.58	23.5	22.5	21.5
		1880.0	22.03	21.29	20.19			
		1857.5	22.22	21.57	20.26			
	1RB-Middle (37)	1902.5	22.24	21.64	20.26			
		1880.0	22.12	21.63	20.34			
		1857.5	22.36	21.62	20.60			
	1RB-Low (0)	1902.5	21.82	21.30	19.97			
		1880.0	21.99	21.19	20.24			
		1857.5	22.41	21.71	20.65			
	36RB-High (38)	1902.5	21.45	20.48	19.40			
		1880.0	21.24	20.20	19.18			
		1857.5	21.34	20.39	19.33			
	36RB-Middle (19)	1902.5	21.30	20.29	19.27			
		1880.0	21.29	20.25	19.21			
		1857.5	21.46	20.47	19.49			
	36RB-Low (0)	1902.5	21.22	20.24	19.12			
		1880.0	21.24	20.26	19.21			
		1857.5	21.53	20.56	19.44			
	75RB (0)	1902.5	21.23	20.27	19.27			
		1880.0	21.25	20.19	19.21			
		1857.5	21.46	20.46	19.46			
20MHz	1RB-High (99)	1900.0	22.28	21.67	20.47	23.5	22.5	21.5
		1880.0	21.95	21.21	20.11			
		1860.0	22.04	21.51	20.09			
	1RB-Middle (50)	1900.0	22.25	21.78	20.64			
		1880.0	22.19	21.55	20.18			
		1860.0	22.31	21.86	20.42			
	1RB-Low (0)	1900.0	22.26	21.29	20.05			
		1880.0	21.96	21.24	20.11			
		1860.0	22.43	21.72	20.56			
	50RB-High (50)	1900.0	21.44	20.44	19.40			
		1880.0	21.21	20.24	19.21			
		1860.0	21.26	20.27	19.25			
	50RB-Middle (25)	1900.0	21.32	20.35	19.30			
		1880.0	21.25	20.27	19.22			
		1860.0	21.44	20.41	19.45			
	50RB-Low (0)	1900.0	21.11	20.15	19.08			
		1880.0	21.20	20.21	19.18			
		1860.0	21.51	20.50	19.51			
	100RB (0)	1900.0	21.26	20.27	19.25			
		1880.0	21.23	20.20	19.19			
		1860.0	21.44	20.45	19.44			



Ant.4 - LTE Band 2 Power Level DSI1

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1909.3	22.00	21.78	20.54	23.1	22.5	21.5
		1880.0	21.86	21.67	20.48			
		1850.7	22.22	22.10	20.71			
	1RB-Middle (3)	1909.3	22.07	21.97	20.63			
		1880.0	21.94	21.68	20.49			
		1850.7	22.23	22.15	20.72			
	1RB-Low (0)	1909.3	22.06	21.68	20.60			
		1880.0	21.92	21.65	20.42			
		1850.7	22.22	21.84	20.72			
	3RB-High (3)	1909.3	22.10	21.57	20.50			
		1880.0	21.91	21.51	20.41			
		1850.7	22.28	21.79	20.75			
	3RB-Middle (1)	1909.3	22.13	21.70	20.47			
		1880.0	21.94	21.47	20.47			
		1850.7	22.26	21.83	20.81			
	3RB-Low (0)	1909.3	22.13	21.66	20.48			
		1880.0	21.92	21.58	20.44			
		1850.7	22.27	21.76	20.78			
	6RB (0)	1909.3	21.51	20.50	19.49	22.5	21.5	20.5
		1880.0	21.37	20.47	19.35			
		1850.7	21.69	20.77	19.82			
3MHz	1RB-High (14)	1908.5	21.99	21.72	20.62	23.1	22.5	21.5
		1880.0	21.86	21.56	20.48			
		1851.5	22.15	21.99	20.73			
	1RB-Middle (7)	1908.5	22.12	21.87	20.59			
		1880.0	22.02	21.66	20.49			
		1851.5	22.29	22.10	20.85			
	1RB-Low (0)	1908.5	22.05	21.82	20.65			
		1880.0	21.87	21.73	20.39			
		1851.5	22.17	21.99	20.65			
	8RB-High (7)	1908.5	21.53	20.64	19.53	22.5	21.5	20.5
		1880.0	21.36	20.43	19.38			
		1851.5	21.63	20.74	19.61			
	8RB-Middle (4)	1908.5	21.55	20.64	19.52			
		1880.0	21.44	20.42	19.37			
		1851.5	21.64	20.75	19.62			
	8RB-Low (0)	1908.5	21.53	20.64	19.53			
		1880.0	21.37	20.48	19.34			
		1851.5	21.73	20.75	19.71			
	15RB (0)	1908.5	21.52	20.62	19.50			
		1880.0	21.35	20.39	19.35			
		1851.5	21.64	20.65	19.61			
5MHz	1RB-High (24)	1907.5	22.05	21.82	20.50	23.1	22.5	21.5
		1880.0	21.88	21.59	20.46			
		1852.5	22.16	21.80	20.81			
	1RB-Middle (12)	1907.5	22.15	21.95	20.73			
		1880.0	21.96	21.73	20.43			
		1852.5	22.36	22.08	20.72			
	1RB-Low (0)	1907.5	22.06	21.71	20.59			
		1880.0	21.88	21.63	20.49			
		1852.5	22.25	22.03	20.83			
	12RB-High (13)	1907.5	21.57	20.60	19.54	22.5	21.5	20.5
		1880.0	21.41	20.49	19.35			
		1852.5	21.64	20.69	19.58			
	12RB-Middle (6)	1907.5	21.60	20.63	19.57			
		1880.0	21.39	20.44	19.45			
		1852.5	21.69	20.72	19.66			
	12RB-Low (0)	1907.5	21.54	20.61	19.54			
		1880.0	21.42	20.45	19.38			
		1852.5	21.72	20.74	19.69			
	25RB (0)	1907.5	21.57	20.59	19.54			
		1880.0	21.42	20.40	19.35			
		1852.5	21.63	20.65	19.58			
10MHz	1RB-High (49)	1905.0	22.09	21.84	20.58	23.1	22.5	21.5
		1880.0	21.90	21.74	20.43			
		1855.0	22.11	21.80	20.59			
	1RB-Middle (24)	1905.0	22.13	22.02	20.62			
		1880.0	21.97	21.61	20.41			
		1855.0	22.25	21.95	20.78			
	1RB-Low (0)	1905.0	22.03	21.63	20.42			
		1880.0	21.91	21.62	20.53			
		1855.0	22.28	22.08	20.73			
	25RB-High (25)	1905.0	21.57	20.62	19.53	22.5	21.5	20.5
		1880.0	21.40	20.45	19.38			
		1855.0	21.57	20.62	19.56			
	25RB-Middle (12)	1905.0	21.57	20.65	19.57			
		1880.0	21.48	20.50	19.38			
		1855.0	21.75	20.71	19.68			
	25RB-Low (0)	1905.0	21.49	20.52	19.45			
		1880.0	21.43	20.42	19.36			
		1855.0	21.72	20.75	19.64			
	50RB (0)	1905.0	21.47	20.51	19.44			
		1880.0	21.43	20.38	19.38			
		1855.0	21.63	20.62	19.58			
15MHz	1RB-High (74)	1902.5	21.95	21.58	20.35	23.1	22.5	21.5
		1880.0	21.65	21.38	20.17			
		1857.5	21.91	21.76	20.48			
	1RB-Middle (37)	1902.5	21.95	21.57	20.53			
		1880.0	21.77	21.42	20.55			
		1857.5	21.99	21.75	20.80			
	1RB-Low (0)	1902.5	21.52	21.30	20.13			
		1880.0	21.70	21.25	20.16			
		1857.5	22.11	21.99	20.80			
	36RB-High (38)	1902.5	21.49	20.47	19.39	22.5	21.5	20.5
		1880.0	21.26	20.35	19.24			
		1857.5	21.42	20.39	19.33			
	36RB-Middle (19)	1902.5	21.38	20.39	19.34			
		1880.0	21.30	20.33	19.24			
		1857.5	21.54	20.57	19.45			
	36RB-Low (0)	1902.5	21.22	20.25	19.16			
		1880.0	21.30	20.32	19.22			
		1857.5	21.63	20.61	19.55			
	75RB (0)	1902.5	21.36	20.30	19.29			
		1880.0	21.29	20.30	19.21			
		1857.5	21.54	20.56	19.46			
20MHz	1RB-High (99)	1900.0	21.89	21.55	20.52	23.1	22.5	21.5
		1880.0	21.62	21.26	20.18			
		1860.0	21.63	21.25	20.38			
	1RB-Middle (50)	1900.0	21.81	21.53	20.50			
		1880.0	21.78	21.47	20.46			
		1860.0	21.95	21.58	20.51			
	1RB-Low (0)	1900.0	21.90	21.23	20.06			
		1880.0	21.79	21.30	20.29			
		1860.0	22.09	22.01	20.76			
	50RB-High (50)	1900.0	21.43	20.44	19.41	22.5	21.5	20.5
		1880.0	21.21	20.23	19.19			
		1860.0	21.29	20.28	19.29			
	50RB-Middle (25)	1900.0	21.32	20.35	19.30			
		1880.0	21.28	20.27	19.29			
		1860.0	21.45	20.48	19.50			
	50RB-Low (0)	1900.0	21.44	20.16	19.09			
		1880.0	21.30	20.25	19.19			
		1860.0	21.54	20.55	19.52			
	100RB (0)	1900.0	21.25	20.32	19.25			
		1880.0	21.24	20.23	19.22			
		1860.0	21.46	20.44	19.38			



Ant.4 - LTE Band 2 Power Level DS13

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1909.3	20.63	21.10	20.64	21.9	21.9	21.5
		1880.0	20.53	20.89	20.51			
		1850.7	20.89	21.28	20.81			
	1RB-Middle (3)	1909.3	20.71	21.03	20.52			
		1880.0	20.60	20.95	20.53			
		1850.7	21.01	21.29	20.70			
	1RB-Low (0)	1909.3	20.73	21.10	20.70			
		1880.0	20.52	20.89	20.45			
		1850.7	20.90	21.32	20.59			
	3RB-High (3)	1909.3	20.75	20.86	20.52			
		1880.0	20.59	20.75	20.39			
		1850.7	20.96	21.05	20.69			
	3RB-Middle (1)	1909.3	20.77	20.91	20.65			
		1880.0	20.55	20.77	20.48			
		1850.7	20.94	21.05	20.82			
	3RB-Low (0)	1909.3	20.77	21.02	20.58			
		1880.0	20.56	20.76	20.46			
		1850.7	20.95	21.05	20.63			
	6RB (0)	1909.3	20.74	20.56	19.52	21.9	21.5	20.5
		1880.0	20.59	20.30	19.36			
		1850.7	20.92	20.70	19.70			
3MHz	1RB-High (14)	1908.5	20.66	21.12	20.47	21.9	21.9	21.5
		1880.0	20.51	20.92	20.50			
		1851.5	20.89	21.25	20.78			
	1RB-Middle (7)	1908.5	20.78	20.98	20.64			
		1880.0	20.59	20.96	20.58			
		1851.5	20.99	21.22	20.87			
	1RB-Low (0)	1908.5	20.73	20.99	20.64			
		1880.0	20.51	20.75	20.51			
		1851.5	20.92	21.07	20.76			
	8RB-High (7)	1908.5	20.81	20.54	19.49	21.9	21.5	20.5
		1880.0	20.62	20.42	19.31			
		1851.5	20.87	20.61	19.57			
	8RB-Middle (4)	1908.5	20.79	20.60	19.54			
		1880.0	20.60	20.38	19.37			
		1851.5	20.88	20.65	19.66			
	8RB-Low (0)	1908.5	20.82	20.55	19.52			
		1880.0	20.60	20.41	19.37			
		1851.5	20.96	20.78	19.73			
	15RB (0)	1908.5	20.77	20.56	19.53			
		1880.0	20.60	20.38	19.35			
		1851.5	20.89	20.60	19.61			
5MHz	1RB-High (24)	1907.5	20.66	21.10	20.47	21.9	21.9	21.5
		1880.0	20.53	20.86	20.47			
		1852.5	20.87	21.06	20.71			
	1RB-Middle (12)	1907.5	20.79	21.15	20.56			
		1880.0	20.58	20.90	20.51			
		1852.5	20.97	21.25	20.85			
	1RB-Low (0)	1907.5	20.64	21.10	20.57			
		1880.0	20.56	21.04	20.44			
		1852.5	20.92	21.21	20.86			
	12RB-High (13)	1907.5	20.74	20.53	19.48	21.9	21.5	20.5
		1880.0	20.61	20.38	19.41			
		1852.5	20.89	20.55	19.56			
	12RB-Middle (6)	1907.5	20.78	20.58	19.56			
		1880.0	20.65	20.41	19.39			
		1852.5	20.93	20.58	19.63			
	12RB-Low (0)	1907.5	20.81	20.55	19.52			
		1880.0	20.62	20.39	19.36			
		1852.5	20.99	20.65	19.65			
	25RB (0)	1907.5	20.78	20.50	19.46			
		1880.0	20.62	20.35	19.35			
		1852.5	20.88	20.55	19.55			
10MHz	1RB-High (49)	1905.0	20.70	21.20	20.59	21.9	21.9	21.5
		1880.0	20.54	21.02	20.36			
		1855.0	20.75	21.00	20.71			
	1RB-Middle (24)	1905.0	20.75	21.16	20.63			
		1880.0	20.60	20.94	20.42			
		1855.0	20.92	21.36	20.84			
	1RB-Low (0)	1905.0	20.60	21.09	20.61			
		1880.0	20.52	21.00	20.39			
		1855.0	20.92	21.28	21.01			
	25RB-High (25)	1905.0	20.78	20.55	19.49	21.9	21.5	20.5
		1880.0	20.63	20.36	19.39			
		1855.0	20.86	20.50	19.52			
	25RB-Middle (12)	1905.0	20.85	20.61	19.52			
		1880.0	20.67	20.36	19.42			
		1855.0	21.00	20.71	19.67			
	25RB-Low (0)	1905.0	20.73	20.41	19.39			
		1880.0	20.63	20.36	19.40			
		1855.0	20.99	20.68	19.67			
	50RB (0)	1905.0	20.73	20.44	19.40			
		1880.0	20.62	20.35	19.35			
		1855.0	20.87	20.52	19.54			
15MHz	1RB-High (74)	1902.5	20.55	20.88	20.53	21.9	21.9	21.5
		1880.0	20.23	20.75	20.32			
		1857.5	20.63	20.79	20.67			
	1RB-Middle (37)	1902.5	20.49	20.91	20.72			
		1880.0	20.48	20.74	20.33			
		1857.5	20.63	20.94	20.51			
	1RB-Low (0)	1902.5	20.16	20.57	20.06			
		1880.0	20.30	20.68	19.98			
		1857.5	20.66	21.10	20.90			
	36RB-High (38)	1902.5	20.70	20.43	19.40	21.9	21.5	20.5
		1880.0	20.50	20.20	19.20			
		1857.5	20.61	20.33	19.36			
	36RB-Middle (19)	1902.5	20.59	20.35	19.30			
		1880.0	20.48	20.29	19.24			
		1857.5	20.71	20.47	19.48			
	36RB-Low (0)	1902.5	20.42	20.24	19.19			
		1880.0	20.51	20.23	19.24			
		1857.5	20.80	20.50	19.60			
	75RB (0)	1902.5	20.51	20.24	19.25			
		1880.0	20.47	20.21	19.22			
		1857.5	20.78	20.46	19.47			
20MHz	1RB-High (99)	1900.0	20.58	20.93	20.49	21.9	21.9	21.5
		1880.0	20.31	20.71	20.28			
		1860.0	20.33	20.70	20.31			
	1RB-Middle (50)	1900.0	20.50	20.78	20.38			
		1880.0	20.38	20.81	20.52			
		1860.0	20.62	21.10	20.49			
	1RB-Low (0)	1900.0	20.25	20.50	20.03			
		1880.0	20.25	20.68	20.13			
		1860.0	20.82	21.09	20.76			
	50RB-High (50)	1900.0	20.69	20.46	19.40	21.9	21.5	20.5
		1880.0	20.46	20.20	19.21			
		1860.0	20.54	20.26	19.29			
	50RB-Middle (25)	1900.0	20.59	20.33	19.29			
		1880.0	20.53	20.22	19.29			
		1860.0	20.72	20.48	19.45			
	50RB-Low (0)	1900.0	20.39	20.14	19.11			
		1880.0	20.48	20.23	19.20			
		1860.0	20.78	20.53	19.49			
	100RB (0)	1900.0	20.52	20.27	19.25			
		1880.0	20.48	20.21	19.20			
		1860.0	20.67	20.41	19.40			



Ant.1 - LTE Band 4 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1754.3	17.80	18.12	17.92	18.9	18.9	18.9
		1732.5	17.84	18.16	17.86			
		1710.7	17.75	18.15	17.98			
	1RB-Middle (3)	1754.3	17.85	18.28	18.12			
		1732.5	17.89	18.25	17.98			
		1710.7	17.82	18.21	17.91			
	1RB-Low (0)	1754.3	17.84	18.10	17.99			
		1732.5	17.81	18.14	17.89			
		1710.7	17.73	17.94	17.73			
	3RB-High (3)	1754.3	17.86	18.00	17.86			
		1732.5	17.85	17.98	17.89			
		1710.7	17.80	18.03	17.75			
	3RB-Middle (1)	1754.3	17.88	18.08	17.98			
		1732.5	17.87	17.96	17.92			
		1710.7	17.79	18.04	17.88			
3MHz	1RB-High (14)	1754.3	17.89	18.12	17.93	18.9	18.9	18.9
		1732.5	17.76	18.03	17.85			
		1711.5	17.79	18.02	17.79			
	1RB-Middle (7)	1753.5	17.89	18.14	18.11			
		1732.5	17.87	18.20	17.94			
		1711.5	17.85	18.31	18.04			
	1RB-Low (0)	1753.5	17.78	18.19	18.04			
		1732.5	17.84	18.22	17.98			
		1711.5	17.72	18.18	18.02			
	8RB-High (7)	1753.5	17.92	18.04	17.79			
		1732.5	17.90	17.99	17.91			
		1711.5	17.84	17.93	17.89			
	8RB-Middle (4)	1753.5	17.93	17.95	17.83			
		1732.5	17.93	18.00	17.87			
		1711.5	17.89	17.94	17.84			
5MHz	1RB-High (24)	1752.5	17.82	18.07	18.06	18.9	18.9	18.9
		1732.5	17.85	18.14	17.83			
		1712.5	17.79	18.08	17.97			
	1RB-Middle (12)	1752.5	17.89	18.34	17.82			
		1732.5	17.91	18.23	18.04			
		1712.5	17.85	18.13	17.88			
	1RB-Low (0)	1752.5	17.83	18.25	17.86			
		1732.5	17.77	18.28	17.96			
		1712.5	17.74	18.07	17.88			
	12RB-High (13)	1752.5	17.91	17.98	17.77			
		1732.5	17.88	17.93	17.80			
		1712.5	17.82	17.87	17.81			
	12RB-Middle (6)	1752.5	17.93	17.96	17.88			
		1732.5	17.95	18.01	17.88			
		1712.5	17.92	17.88	17.80			
10MHz	1RB-High (49)	1750.0	17.87	18.32	17.83	18.9	18.9	18.9
		1732.5	17.79	18.23	18.16			
		1715.0	17.77	18.29	17.83			
	1RB-Middle (24)	1750.0	17.88	18.24	18.06			
		1732.5	17.87	18.24	17.98			
		1715.0	17.83	18.30	17.94			
	1RB-Low (0)	1750.0	17.84	18.19	18.01			
		1732.5	17.84	18.22	18.02			
		1715.0	17.74	18.26	17.89			
	25RB-High (25)	1750.0	17.94	17.94	17.88			
		1732.5	17.89	17.93	17.84			
		1715.0	17.84	17.93	17.80			
	25RB-Middle (12)	1750.0	17.86	17.90	17.78			
		1732.5	17.88	17.95	17.78			
		1715.0	17.91	17.98	17.86			
15MHz	1RB-High (74)	1747.5	17.69	17.95	17.91	18.9	18.9	18.9
		1732.5	17.71	18.09	17.76			
		1717.5	17.72	18.04	17.87			
	1RB-Middle (37)	1747.5	17.69	18.03	17.73			
		1732.5	17.76	17.93	17.80			
		1717.5	17.66	17.82	17.68			
	1RB-Low (0)	1747.5	17.72	18.11	17.77			
		1732.5	17.71	17.96	17.87			
		1717.5	17.56	17.95	17.71			
	36RB-High (38)	1747.5	17.77	17.79	17.72			
		1732.5	17.76	17.84	17.67			
		1717.5	17.70	17.78	17.67			
	36RB-Middle (19)	1747.5	17.77	17.78	17.70			
		1732.5	17.69	17.72	17.67			
		1717.5	17.71	17.76	17.68			
20MHz	1RB-High (99)	1745.0	17.72	18.08	17.93	18.9	18.9	18.9
		1732.5	17.76	18.00	17.75			
		1720.0	17.70	18.04	17.82			
	1RB-Middle (50)	1745.0	17.71	18.07	17.98			
		1732.5	17.70	17.95	17.73			
		1720.0	17.62	17.80	17.94			
	1RB-Low (0)	1745.0	17.69	18.30	17.89			
		1732.5	17.68	18.00	17.88			
		1720.0	17.69	18.15	17.71			
	50RB-High (50)	1745.0	17.81	17.81	17.73			
		1732.5	17.74	17.77	17.71			
		1720.0	17.75	17.77	17.71			
	50RB-Middle (25)	1745.0	17.80	17.84	17.75			
		1732.5	17.70	17.73	17.67			
		1720.0	17.72	17.77	17.70			
20MHz	50RB-Low (0)	1745.0	17.72	17.74	17.62	18.9	18.9	18.9
		1732.5	17.73	17.71	17.70			
		1720.0	17.66	17.73	17.56			
	100RB (0)	1745.0	17.79	17.78	17.73			
		1732.5	17.70	17.72	17.62			
		1720.0	17.78	17.77	17.69			



Ant.1 - LTE Band 4 Power Level DS14

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up				
1.4MHz	1RB-High (5)	1754.3	16.97	17.31	17.26	17.9	17.9	17.9				
		1732.5	16.90	17.42	17.10							
		1710.7	16.79	17.23	17.15							
	1RB-Middle (3)	1754.3	16.95	17.54	17.06							
		1732.5	16.91	17.21	17.23							
		1710.7	16.88	17.16	16.99							
	1RB-Low (0)	1754.3	16.94	17.32	17.22							
		1732.5	16.92	17.25	17.18							
		1710.7	16.83	17.14	17.26							
	3RB-High (3)	1754.3	16.93	17.15	17.06							
		1732.5	16.90	17.08	17.04							
		1710.7	16.86	17.02	17.05							
	3RB-Middle (1)	1754.3	16.95	17.13	17.13							
		1732.5	16.92	17.11	17.04							
		1710.7	16.87	17.13	16.99							
	3RB-Low (0)	1754.3	16.92	17.09	17.16							
		1732.5	16.92	17.13	17.05							
		1710.7	16.90	16.98	17.02							
	6RB (0)	1754.3	16.96	17.07	16.97							
		1732.5	16.94	17.05	17.08							
		1710.7	16.88	17.00	16.87							
	3MHz	1RB-High (14)	1753.5	16.87	17.19				17.02	17.9	17.9	17.9
			1732.5	16.91	17.26				17.41			
			1711.5	16.85	17.09				17.13			
1RB-Middle (7)		1753.5	17.01	17.30	17.17							
		1732.5	16.97	17.30	17.18							
		1711.5	16.95	17.40	17.22							
1RB-Low (0)		1753.5	16.93	17.24	17.35							
		1732.5	16.89	17.09	17.11							
		1711.5	16.88	17.21	17.09							
8RB-High (7)		1753.5	16.97	17.10	17.08							
		1732.5	17.01	17.09	17.09							
		1711.5	16.97	16.98	17.00							
8RB-Middle (4)		1753.5	17.00	17.07	17.08							
		1732.5	17.02	17.10	17.09							
		1711.5	16.91	16.94	16.95							
8RB-Low (0)		1753.5	17.02	17.06	17.06							
		1732.5	17.03	17.10	17.04							
		1711.5	16.91	16.95	16.90							
15RB (0)		1753.5	16.97	17.01	17.02							
		1732.5	16.97	17.07	17.00							
		1711.5	16.90	16.95	16.95							
5MHz		1RB-High (24)	1752.5	16.94	17.28	17.02	17.9	17.9	17.9			
			1732.5	16.96	17.20	17.23						
			1712.5	16.87	17.28	16.99						
	1RB-Middle (12)	1752.5	17.02	17.38	17.33							
		1732.5	17.03	17.37	17.14							
		1712.5	17.05	17.48	16.99							
	1RB-Low (0)	1752.5	16.94	17.34	17.23							
		1732.5	16.85	17.32	17.15							
		1712.5	16.88	17.08	16.95							
	12RB-High (13)	1752.5	17.02	17.04	16.95							
		1732.5	16.98	17.06	17.00							
		1712.5	16.97	17.02	16.98							
	12RB-Middle (6)	1752.5	17.05	17.12	17.04							
		1732.5	17.03	17.13	17.07							
		1712.5	16.98	16.97	16.94							
	12RB-Low (0)	1752.5	17.00	17.06	17.10							
		1732.5	16.92	17.01	16.96							
		1712.5	16.81	16.85	16.94							
	25RB (0)	1752.5	17.02	17.02	17.02							
		1732.5	16.93	16.93	16.95							
		1712.5	16.90	16.98	16.97							
	10MHz	1RB-High (49)	1750.0	16.95	17.24	17.27				17.9	17.9	17.9
			1732.5	16.96	17.24	17.24						
			1715.0	16.88	17.29	17.14						
1RB-Middle (24)		1750.0	16.94	17.42	17.26							
		1732.5	17.02	17.39	17.33							
		1715.0	16.97	17.29	17.10							
1RB-Low (0)		1750.0	16.92	17.38	17.16							
		1732.5	16.94	17.29	17.36							
		1715.0	16.88	17.25	16.99							
25RB-High (25)		1750.0	17.02	17.02	17.08							
		1732.5	16.98	17.05	17.01							
		1715.0	16.96	17.00	16.98							
25RB-Middle (12)		1750.0	17.00	16.98	16.98							
		1732.5	16.97	17.01	17.04							
		1715.0	17.01	16.98	16.99							
25RB-Low (0)		1750.0	16.96	16.99	16.99							
		1732.5	16.91	17.03	16.89							
		1715.0	16.96	16.99	16.94							
50RB (0)		1750.0	16.96	16.99	16.96							
		1732.5	16.95	16.94	16.94							
		1715.0	16.94	17.01	16.95							
15MHz		1RB-High (74)	1747.5	16.85	17.08	17.16	17.9	17.9	17.9			
			1732.5	16.77	16.96	17.08						
			1717.5	16.78	17.13	16.97						
	1RB-Middle (37)	1747.5	16.77	17.09	16.93							
		1732.5	16.69	16.95	17.21							
		1717.5	16.67	17.04	16.90							
	1RB-Low (0)	1747.5	16.83	17.11	16.92							
		1732.5	16.74	17.17	16.86							
		1717.5	16.68	17.19	16.80							
	36RB-High (38)	1747.5	16.85	16.89	16.94							
		1732.5	16.88	16.89	16.89							
		1717.5	16.78	16.84	16.87							
	36RB-Middle (19)	1747.5	16.88	16.88	16.89							
		1732.5	16.80	16.81	16.82							
		1717.5	16.77	16.81	16.81							
	36RB-Low (0)	1747.5	16.89	16.93	16.90							
		1732.5	16.83	16.80	16.79							
		1717.5	16.80	16.78	16.83							
	75RB (0)	1747.5	16.88	16.87	16.92							
		1732.5	16.80	16.83	16.82							
		1717.5	16.82	16.80	16.84							
	20MHz	1RB-High (99)	1745.0	16.82	17.11	16.84				17.9	17.9	17.9
			1732.5	16.83	17.00	17.08						
			1720.0	16.75	17.15	17.06						
1RB-Middle (50)		1745.0	16.69	17.02	17.03							
		1732.5	16.79	17.03	16.86							
		1720.0	16.71	17.23	17.17							
1RB-Low (0)		1745.0	16.81	17.10	16.97							
		1732.5	16.76	17.13	17.09							
		1720.0	16.70	17.04	16.79							
50RB-High (50)		1745.0	16.87	16.87	16.87							
		1732.5	16.85	16.85	16.88							
		1720.0	16.81	16.81	16.91							
50RB-Middle (25)		1745.0	16.86	16.90	16.98							
		1732.5	16.79	16.82	16.83							
		1720.0	16.80	16.84	16.84							
50RB-Low (0)		1745.0	16.77	16.84	16.82							
		1732.5	16.79	16.83	16.86							
		1720.0	16.74	16.77	16.75							
100RB (0)		1745.0	16.91	16.90	16.91							
		1732.5	16.79	16.77	16.83							
		1720.0	16.84	16.84	16.86							



Ant.1 - LTE Band 4 Power Level DSI1

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1754.3	21.74	21.15	20.12	22.9	21.9	20.9
		1732.5	21.71	21.09	19.97			
		1710.7	21.67	21.03	19.85			
	1RB-Middle (3)	1754.3	21.78	21.19	19.93			
		1732.5	21.77	21.08	20.02			
		1710.7	21.71	20.99	19.89			
	1RB-Low (0)	1754.3	21.77	21.11	19.90			
		1732.5	21.75	21.20	19.79			
		1710.7	21.68	21.02	19.97			
	3RB-High (3)	1754.3	21.76	20.87	20.01			
		1732.5	21.79	20.93	19.88			
		1710.7	21.71	20.88	19.92			
	3RB-Middle (1)	1754.3	21.79	20.95	19.80			
		1732.5	21.74	20.94	19.81			
		1710.7	21.69	20.85	19.73			
	3RB-Low (0)	1754.3	21.83	20.90	19.99			
		1732.5	21.77	20.85	19.98			
		1710.7	21.70	20.95	19.83			
	6RB (0)	1754.3	20.79	19.84	18.87			
		1732.5	20.77	19.86	18.76			
		1710.7	20.67	19.87	18.71			
3MHz	1RB-High (14)	1753.5	21.77	21.11	19.95	22.9	21.9	20.9
		1732.5	21.77	21.01	20.06			
		1711.5	21.68	21.08	19.82			
	1RB-Middle (7)	1753.5	21.82	21.26	20.09			
		1732.5	21.89	21.25	19.98			
		1711.5	21.86	21.22	19.99			
	1RB-Low (0)	1753.5	21.76	21.23	19.80			
		1732.5	21.75	21.11	20.05			
		1711.5	21.71	21.02	19.76			
	8RB-High (7)	1753.5	20.83	19.90	18.82			
		1732.5	20.87	19.90	18.87			
		1711.5	20.77	19.88	18.79			
	8RB-Middle (4)	1753.5	20.87	19.97	18.86			
		1732.5	20.90	19.91	18.83			
		1711.5	20.77	19.87	18.79			
	8RB-Low (0)	1753.5	20.86	19.90	18.80			
		1732.5	20.84	19.90	18.79			
		1711.5	20.77	19.84	18.77			
	15RB (0)	1753.5	20.85	19.93	18.85			
		1732.5	20.82	19.88	18.82			
		1711.5	20.75	19.80	18.73			
5MHz	1RB-High (24)	1752.5	21.74	21.08	19.77	22.9	21.9	20.9
		1732.5	21.72	21.07	19.95			
		1712.5	21.73	20.91	19.79			
	1RB-Middle (12)	1752.5	21.79	21.26	20.01			
		1732.5	21.80	21.09	19.91			
		1712.5	21.72	20.99	19.94			
	1RB-Low (0)	1752.5	21.71	21.02	20.00			
		1732.5	21.71	21.12	19.92			
		1712.5	21.63	20.96	19.92			
	12RB-High (13)	1752.5	20.79	19.82	18.84			
		1732.5	20.76	19.82	18.76			
		1712.5	20.70	19.76	18.72			
	12RB-Middle (6)	1752.5	20.83	19.86	18.90			
		1732.5	20.80	19.89	18.84			
		1712.5	20.79	19.77	18.73			
	12RB-Low (0)	1752.5	20.76	19.88	18.85			
		1732.5	20.67	19.71	18.68			
		1712.5	20.64	19.65	18.64			
	25RB (0)	1752.5	20.78	19.79	18.82			
		1732.5	20.71	19.69	18.72			
		1712.5	20.71	19.77	18.81			
10MHz	1RB-High (49)	1750.0	21.71	21.12	19.86	22.9	21.9	20.9
		1732.5	21.70	21.14	19.89			
		1715.0	21.68	21.14	19.81			
	1RB-Middle (24)	1750.0	21.74	21.29	19.98			
		1732.5	21.73	21.04	20.23			
		1715.0	21.69	20.99	20.03			
	1RB-Low (0)	1750.0	21.72	21.07	19.93			
		1732.5	21.69	21.06	19.68			
		1715.0	21.65	21.03	19.80			
	25RB-High (25)	1750.0	20.77	19.85	18.73			
		1732.5	20.79	19.81	18.81			
		1715.0	20.73	19.75	18.74			
	25RB-Middle (12)	1750.0	20.74	19.74	18.78			
		1732.5	20.75	19.75	18.72			
		1715.0	20.78	19.80	18.81			
	25RB-Low (0)	1750.0	20.75	19.79	18.71			
		1732.5	20.72	19.79	18.71			
		1715.0	20.72	19.83	18.81			
	50RB (0)	1750.0	20.73	19.73	18.72			
		1732.5	20.71	19.77	18.71			
		1715.0	20.74	19.77	18.76			
15MHz	1RB-High (74)	1747.5	21.57	20.76	19.85	22.9	21.9	20.9
		1732.5	21.63	21.08	19.83			
		1717.5	21.56	20.94	19.73			
	1RB-Middle (37)	1747.5	21.62	20.98	19.87			
		1732.5	21.55	20.78	19.91			
		1717.5	21.54	20.94	19.65			
	1RB-Low (0)	1747.5	21.59	20.93	19.72			
		1732.5	21.64	21.14	19.72			
		1717.5	21.52	20.86	19.50			
	36RB-High (38)	1747.5	20.68	19.66	18.69			
		1732.5	20.68	19.71	18.67			
		1717.5	20.62	19.63	18.62			
	36RB-Middle (19)	1747.5	20.68	19.69	18.66			
		1732.5	20.58	19.59	18.63			
		1717.5	20.66	19.61	18.63			
	36RB-Low (0)	1747.5	20.68	19.66	18.69			
		1732.5	20.65	19.67	18.59			
		1717.5	20.62	19.66	18.66			
	75RB (0)	1747.5	20.71	19.66	18.66			
		1732.5	20.59	19.62	18.62			
		1717.5	20.63	19.61	18.61			
20MHz	1RB-High (99)	1745.0	21.63	21.02	19.90	22.9	21.9	20.9
		1732.5	21.66	20.86	19.77			
		1720.0	21.51	20.93	19.64			
	1RB-Middle (50)	1745.0	21.60	21.01	19.66			
		1732.5	21.58	21.09	20.00			
		1720.0	21.44	20.80	19.93			
	1RB-Low (0)	1745.0	21.60	21.03	19.76			
		1732.5	21.59	21.02	19.61			
		1720.0	21.48	20.73	19.80			
	50RB-High (50)	1745.0	20.69	19.71	18.69			
		1732.5	20.67	19.69	18.64			
		1720.0	20.66	19.66	18.61			
	50RB-Middle (25)	1745.0	20.67	19.75	18.66			
		1732.5	20.65	19.64	18.60			
		1720.0	20.65	19.70	18.68			
	50RB-Low (0)	1745.0	20.58	19.62	18.62			
		1732.5	20.59	19.66	18.61			
		1720.0	20.51	19.56	18.56			
	100RB (0)	1745.0	20.74	19.72	18.68			
		1732.5	20.63	19.63	18.62			
		1720.0	20.64	19.61	18.61			



Ant.1 - LTE Band 4 Power Level DSI3

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1754.3	20.55	21.06	19.99	21.7	21.7	20.9
		1732.5	20.48	20.91	19.86			
		1710.7	20.41	20.75	19.96			
	1RB-Middle (3)	1754.3	20.58	20.89	20.18			
		1732.5	20.57	20.96	19.95			
		1710.7	20.50	20.64	19.90			
	1RB-Low (0)	1754.3	20.51	20.93	20.13			
		1732.5	20.45	20.77	19.88			
		1710.7	20.42	20.67	19.97			
	3RB-High (3)	1754.3	20.55	20.66	19.90			
		1732.5	20.54	20.72	20.02			
		1710.7	20.49	20.58	19.94			
	3RB-Middle (1)	1754.3	20.55	20.63	19.95			
		1732.5	20.58	20.73	19.93			
		1710.7	20.51	20.72	19.87			
	3RB-Low (0)	1754.3	20.59	20.75	19.96			
		1732.5	20.58	20.70	19.92			
		1710.7	20.50	20.62	19.91			
	6RB (0)	1754.3	20.59	19.82	18.85			
		1732.5	20.55	19.86	18.78			
		1710.7	20.51	19.72	18.76			
3MHz	1RB-High (14)	1753.5	20.42	20.80	20.08	21.7	21.7	20.9
		1732.5	20.45	20.86	19.78			
		1711.5	20.37	20.74	19.96			
	1RB-Middle (7)	1753.5	20.46	20.80	20.17			
		1732.5	20.47	20.86	20.04			
		1711.5	20.47	20.78	20.15			
	1RB-Low (0)	1753.5	20.46	20.82	20.12			
		1732.5	20.45	20.80	19.84			
		1711.5	20.39	20.66	19.90			
	8RB-High (7)	1753.5	20.55	19.85	18.90			
		1732.5	20.51	19.71	18.86			
		1711.5	20.45	19.79	18.90			
	8RB-Middle (4)	1753.5	20.57	19.82	18.87			
		1732.5	20.53	19.81	18.88			
		1711.5	20.49	19.76	18.91			
	8RB-Low (0)	1753.5	20.52	19.77	18.87			
		1732.5	20.49	19.83	18.86			
		1711.5	20.46	19.70	18.83			
	15RB (0)	1753.5	20.50	19.77	18.85			
		1732.5	20.54	19.80	18.82			
		1711.5	20.44	19.70	18.80			
5MHz	1RB-High (24)	1752.5	20.45	20.71	20.04	21.7	21.7	20.9
		1732.5	20.51	20.79	20.01			
		1712.5	20.48	20.75	20.06			
	1RB-Middle (12)	1752.5	20.49	20.91	20.09			
		1732.5	20.60	20.91	20.15			
		1712.5	20.53	20.79	20.02			
	1RB-Low (0)	1752.5	20.47	20.67	20.02			
		1732.5	20.42	20.86	20.13			
		1712.5	20.38	20.91	19.87			
	12RB-High (13)	1752.5	20.52	19.78	18.88			
		1732.5	20.57	19.77	18.94			
		1712.5	20.49	19.71	18.86			
	12RB-Middle (6)	1752.5	20.61	19.97	18.96			
		1732.5	20.55	19.79	18.88			
		1712.5	20.50	19.69	18.85			
	12RB-Low (0)	1752.5	20.53	19.77	18.90			
		1732.5	20.46	19.73	18.82			
		1712.5	20.41	19.69	18.73			
	25RB (0)	1752.5	20.57	19.78	18.85			
		1732.5	20.46	19.66	18.82			
		1712.5	20.48	19.70	18.80			
10MHz	1RB-High (49)	1750.0	20.49	20.83	20.12	21.7	21.7	20.9
		1732.5	20.47	20.79	20.07			
		1715.0	20.40	20.80	20.08			
	1RB-Middle (24)	1750.0	20.52	20.92	20.06			
		1732.5	20.56	21.10	20.18			
		1715.0	20.48	20.85	20.06			
	1RB-Low (0)	1750.0	20.52	20.90	20.00			
		1732.5	20.50	20.82	20.21			
		1715.0	20.44	20.77	19.91			
	25RB-High (25)	1750.0	20.56	19.76	18.93			
		1732.5	20.59	19.76	18.87			
		1715.0	20.52	19.73	18.84			
	25RB-Middle (12)	1750.0	20.49	19.74	18.99			
		1732.5	20.51	19.68	18.82			
		1715.0	20.53	19.77	18.90			
	25RB-Low (0)	1750.0	20.47	19.68	18.87			
		1732.5	20.49	19.69	18.88			
		1715.0	20.49	19.71	18.88			
	50RB (0)	1750.0	20.45	19.65	18.83			
		1732.5	20.48	19.69	18.82			
		1715.0	20.51	19.72	18.82			
15MHz	1RB-High (74)	1747.5	20.34	20.73	19.91	21.7	21.7	20.9
		1732.5	20.39	20.63	20.17			
		1717.5	20.41	20.73	19.85			
	1RB-Middle (37)	1747.5	20.30	20.79	19.89			
		1732.5	20.34	20.66	19.90			
		1717.5	20.27	20.48	19.97			
	1RB-Low (0)	1747.5	20.34	20.62	19.90			
		1732.5	20.33	20.63	20.07			
		1717.5	20.25	20.71	19.75			
	36RB-High (38)	1747.5	20.42	19.66	18.80			
		1732.5	20.43	19.61	18.77			
		1717.5	20.40	19.61	18.73			
	36RB-Middle (19)	1747.5	20.45	19.62	18.80			
		1732.5	20.35	19.58	18.70			
		1717.5	20.38	19.58	18.76			
	36RB-Low (0)	1747.5	20.44	19.63	18.77			
		1732.5	20.41	19.60	18.76			
		1717.5	20.42	19.57	18.75			
	75RB (0)	1747.5	20.51	19.64	18.81			
		1732.5	20.40	19.59	18.69			
		1717.5	20.38	19.59	18.74			
20MHz	1RB-High (99)	1745.0	20.36	20.76	20.10	21.7	21.7	20.9
		1732.5	20.45	20.70	19.78			
		1720.0	20.35	20.77	19.75			
	1RB-Middle (50)	1745.0	20.33	20.69	19.86			
		1732.5	20.35	20.76	19.95			
		1720.0	20.31	20.83	19.86			
	1RB-Low (0)	1745.0	20.41	20.85	20.06			
		1732.5	20.39	20.80	20.01			
		1720.0	20.33	20.55	19.92			
	50RB-High (50)	1745.0	20.46	19.62	18.81			
		1732.5	20.43	19.64	18.77			
		1720.0	20.41	19.63	18.75			
	50RB-Middle (25)	1745.0	20.43	19.65	18.78			
		1732.5	20.38	19.59	18.71			
		1720.0	20.41	19.61	18.78			
	50RB-Low (0)	1745.0	20.41	19.62	18.74			
		1732.5	20.40	19.60	18.73			
		1720.0	20.32	19.54	18.66			
	100RB (0)	1745.0	20.48	19.65	18.77			
		1732.5	20.39	19.55	18.69			
		1720.0	20.40	19.60	18.72			



Ant.4 - LTE Band 4 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1754.3	22.20	21.54	20.42	23.5	22.5	21.5
		1732.5	22.22	21.53	20.34			
		1710.7	22.19	21.53	20.44			
	1RB-Middle (3)	1754.3	22.30	21.49	20.48			
		1732.5	22.30	21.56	20.71			
		1710.7	22.19	21.61	20.50			
	1RB-Low (0)	1754.3	22.23	21.64	20.39			
		1732.5	22.22	21.66	20.53			
		1710.7	22.18	21.52	20.38			
	3RB-High (3)	1754.3	22.29	21.44	20.38			
		1732.5	22.28	21.51	20.39			
		1710.7	22.17	21.40	20.31			
	3RB-Middle (1)	1754.3	22.30	21.45	20.40			
		1732.5	22.26	21.35	20.35			
		1710.7	22.22	21.37	20.32			
	3RB-Low (0)	1754.3	22.34	21.32	20.52			
		1732.5	22.30	21.47	20.47			
		1710.7	22.19	21.36	20.34			
	6RB (0)	1754.3	21.27	20.37	19.37	22.5	21.5	20.5
		1732.5	21.27	20.32	19.37			
		1710.7	21.17	20.32	19.35			
3MHz	1RB-High (14)	1753.5	22.11	21.63	20.59	23.5	22.5	21.5
		1732.5	22.54	21.52	20.45			
		1711.5	22.15	21.59	20.18			
	1RB-Middle (7)	1753.5	22.18	21.66	20.49			
		1732.5	22.34	21.64	20.62			
		1711.5	22.27	21.42	20.35			
		1753.5	22.16	21.61	20.64			
	1RB-Low (0)	1732.5	22.21	21.65	20.51			
		1711.5	22.15	21.58	20.43	22.5	21.5	20.5
		1753.5	22.22	20.43	19.35			
	8RB-High (7)	1732.5	21.29	20.38	19.36			
		1711.5	21.22	20.40	19.27			
		1753.5	22.25	20.39	19.43			
	8RB-Middle (4)	1732.5	21.33	20.33	19.42			
		1711.5	21.26	20.42	19.35			
		1753.5	22.20	20.41	19.31			
	8RB-Low (0)	1732.5	21.30	20.37	19.39			
		1711.5	21.24	20.33	19.30			
		1753.5	22.20	20.36	19.34			
	15RB (0)	1732.5	21.31	20.32	19.33			
		1711.5	21.23	20.32	19.34			
5MHz	1RB-High (24)	1752.5	22.23	21.53	20.32	23.5	22.5	21.5
		1732.5	22.29	21.52	20.46			
		1712.5	22.22	21.55	20.38			
	1RB-Middle (12)	1752.5	22.35	21.61	20.83			
		1732.5	22.36	21.59	20.53			
		1712.5	22.29	21.62	20.58			
		1752.5	22.27	21.61	20.55			
	1RB-Low (0)	1732.5	22.17	21.58	20.51			
		1712.5	22.15	21.54	20.61	22.5	21.5	20.5
		1752.5	21.28	20.33	19.37			
	12RB-High (13)	1732.5	21.29	20.40	19.34			
		1712.5	21.26	20.29	19.29			
		1752.5	21.34	20.43	19.40			
	12RB-Middle (6)	1732.5	21.35	20.45	19.35			
		1712.5	21.31	20.37	19.34			
		1752.5	21.33	20.38	19.37			
	12RB-Low (0)	1732.5	21.22	20.26	19.27			
		1712.5	21.18	20.27	19.26			
		1752.5	21.33	20.34	19.32			
	25RB (0)	1732.5	21.25	20.30	19.28			
		1712.5	21.24	20.27	19.27			
10MHz	1RB-High (49)	1750.0	22.27	21.67	20.55	23.5	22.5	21.5
		1732.5	22.30	21.73	20.46			
		1715.0	22.19	21.67	20.32			
	1RB-Middle (24)	1750.0	22.40	21.65	20.51			
		1732.5	22.33	21.70	20.40			
		1715.0	22.30	21.55	20.59			
		1750.0	22.27	21.70	20.37			
	1RB-Low (0)	1732.5	22.28	21.81	20.47	22.5	21.5	20.5
		1715.0	22.24	21.47	20.50			
		1750.0	21.33	20.35	19.39			
	25RB-High (25)	1732.5	21.33	20.42	19.37			
		1715.0	21.29	20.36	19.31			
		1750.0	21.30	20.35	19.34			
	25RB-Middle (12)	1732.5	21.27	20.31	19.25			
		1715.0	21.33	20.31	19.37			
		1750.0	21.29	20.36	19.37			
	25RB-Low (0)	1732.5	21.26	20.28	19.28			
		1715.0	21.32	20.33	19.26			
		1750.0	21.32	20.30	19.30			
	50RB (0)	1732.5	21.28	20.30	19.29			
		1715.0	21.30	20.31	19.30			
15MHz	1RB-High (74)	1747.5	22.09	21.75	20.44	23.5	22.5	21.5
		1732.5	22.20	21.45	20.38			
		1717.5	22.15	21.57	20.37			
	1RB-Middle (37)	1747.5	22.09	21.63	20.21			
		1732.5	22.08	21.73	20.44			
		1717.5	22.08	21.14	20.36			
		1747.5	22.14	21.54	20.15			
	1RB-Low (0)	1732.5	22.13	21.28	20.30	22.5	21.5	20.5
		1717.5	22.06	21.64	20.04			
		1747.5	21.18	20.18	19.15			
	36RB-High (38)	1732.5	21.17	20.20	19.20			
		1717.5	21.14	20.17	19.15			
		1747.5	21.20	20.21	19.22			
	36RB-Middle (19)	1732.5	21.12	20.11	19.16			
		1717.5	21.12	20.21	19.21			
		1747.5	21.21	20.27	19.15			
	36RB-Low (0)	1732.5	21.11	20.19	19.21			
		1717.5	21.18	20.17	19.15			
		1747.5	21.24	20.27	19.17			
	75RB (0)	1732.5	21.16	20.11	19.14			
		1717.5	21.14	20.20	19.18			
20MHz	1RB-High (99)	1745.0	22.17	21.44	20.32	23.5	22.5	21.5
		1732.5	22.18	21.55	20.36			
		1720.0	22.10	21.56	20.29			
	1RB-Middle (50)	1745.0	22.10	21.29	20.27			
		1732.5	22.17	21.44	20.40			
		1720.0	22.03	21.50	20.32			
		1745.0	22.19	21.45	20.50			
	1RB-Low (0)	1732.5	22.18	21.49	20.23	22.5	21.5	20.5
		1720.0	22.11	21.38	20.24			
		1745.0	21.23	20.26	19.25			
	50RB-High (50)	1732.5	21.21	20.21	19.19			
		1720.0	21.19	20.19	19.25			
		1745.0	21.22	20.25	19.23			
	50RB-Middle (25)	1732.5	21.12	20.15	19.13			
		1720.0	21.20	20.22	19.19			
		1745.0	21.16	20.21	19.14			
	50RB-Low (0)	1732.5	21.16	20.17	19.17			
		1720.0	21.10	20.12	19.13			
		1745.0	21.27	20.26	19.24			
	100RB (0)	1732.5	21.14	20.10	19.15			
		1720.0	21.20	20.19	19.18			



Ant.4 - LTE Band 4 Power Level DSI1

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1754.3	21.48	21.67	20.46	22.7	22.5	21.5
		1732.5	21.44	21.50	20.47			
		1710.7	21.36	21.45	20.48			
	1RB-Middle (3)	1754.3	21.55	21.78	20.54			
		1732.5	21.49	21.68	20.60			
		1710.7	21.37	21.65	20.51			
	1RB-Low (0)	1754.3	21.51	21.57	20.41			
		1732.5	21.49	21.67	20.39			
		1710.7	21.39	21.44	20.33			
	3RB-High (3)	1754.3	21.54	21.49	20.41			
		1732.5	21.56	21.43	20.39			
		1710.7	21.39	21.41	20.29			
	3RB-Middle (1)	1754.3	21.50	21.55	20.52			
		1732.5	21.55	21.46	20.41			
		1710.7	21.46	21.41	20.39			
	3RB-Low (0)	1754.3	21.54	21.44	20.39			
		1732.5	21.55	21.46	20.48			
		1710.7	21.41	21.42	20.47			
	6RB (0)	1754.3	21.29	20.36	19.31			
		1732.5	21.28	20.41	19.35	22.5	21.5	20.5
		1710.7	21.23	20.28	19.24			
3MHz	1RB-High (14)	1753.5	21.52	21.47	20.60	22.7	22.5	21.5
		1732.5	21.45	21.45	20.40			
		1711.5	21.42	21.55	20.53			
	1RB-Middle (7)	1753.5	21.56	21.70	20.46			
		1732.5	21.58	21.68	20.57			
		1711.5	21.44	21.60	20.41			
	1RB-Low (0)	1753.5	21.47	21.56	20.51			
		1732.5	21.45	21.65	20.41			
		1711.5	21.40	21.53	20.30			
	8RB-High (7)	1753.5	21.28	20.41	19.45			
		1732.5	21.32	20.42	19.36			
		1711.5	21.29	20.41	19.36			
	8RB-Middle (4)	1753.5	21.34	20.46	19.37			
		1732.5	21.32	20.46	19.35			
		1711.5	21.33	20.37	19.33			
	8RB-Low (0)	1753.5	21.34	20.38	19.37			
		1732.5	21.35	20.37	19.34			
		1711.5	21.24	20.37	19.39			
	15RB (0)	1753.5	21.31	20.37	19.31			
		1732.5	21.31	20.33	19.30			
		1711.5	21.28	20.30	19.24			
5MHz	1RB-High (24)	1752.5	21.48	21.65	20.64	22.7	22.5	21.5
		1732.5	21.50	21.53	20.50			
		1712.5	21.39	21.56	20.49			
	1RB-Middle (12)	1752.5	21.61	21.76	20.81			
		1732.5	21.62	21.73	20.60			
		1712.5	21.51	21.56	20.63			
	1RB-Low (0)	1752.5	21.51	21.56	20.40			
		1732.5	21.45	21.62	20.49			
		1712.5	21.35	21.48	20.42			
	12RB-High (13)	1752.5	21.35	20.38	19.36			
		1732.5	21.31	20.39	19.34			
		1712.5	21.27	20.35	19.33			
	12RB-Middle (6)	1752.5	21.38	20.38	19.47			
		1732.5	21.34	20.38	19.40			
		1712.5	21.31	20.37	19.31			
	12RB-Low (0)	1752.5	21.30	20.35	19.35			
		1732.5	21.24	20.26	19.27			
		1712.5	21.17	20.23	19.18			
	25RB (0)	1752.5	21.35	20.37	19.40			
		1732.5	21.21	20.27	19.32			
		1712.5	21.27	20.27	19.27			
10MHz	1RB-High (49)	1750.0	21.57	21.68	20.43	22.7	22.5	21.5
		1732.5	21.48	21.55	20.50			
		1715.0	21.39	21.66	20.41			
	1RB-Middle (24)	1750.0	21.55	21.75	20.47			
		1732.5	21.59	21.50	20.39			
		1715.0	21.42	21.61	20.35			
	1RB-Low (0)	1750.0	21.51	21.69	20.51			
		1732.5	21.49	21.58	20.36			
		1715.0	21.40	21.62	20.28			
	25RB-High (25)	1750.0	21.34	20.37	19.36			
		1732.5	21.30	20.35	19.33			
		1715.0	21.28	20.33	19.32			
	25RB-Middle (12)	1750.0	21.30	20.29	19.30			
		1732.5	21.28	20.31	19.26			
		1715.0	21.32	20.37	19.35			
	25RB-Low (0)	1750.0	21.28	20.33	19.26			
		1732.5	21.26	20.28	19.26			
		1715.0	21.30	20.35	19.31			
	50RB (0)	1750.0	21.23	20.31	19.27			
		1732.5	21.26	20.29	19.25			
		1715.0	21.27	20.31	19.30			
15MHz	1RB-High (74)	1747.5	21.41	21.42	20.52	22.7	22.5	21.5
		1732.5	21.42	21.42	20.23			
		1717.5	21.31	21.48	20.42			
	1RB-Middle (37)	1747.5	21.33	21.58	20.30			
		1732.5	21.28	21.67	20.42			
		1717.5	21.27	21.48	20.26			
	1RB-Low (0)	1747.5	21.34	21.45	20.41			
		1732.5	21.36	21.55	20.36			
		1717.5	21.30	21.48	20.35			
	36RB-High (38)	1747.5	21.20	20.20	19.23			
		1732.5	21.18	20.23	19.24			
		1717.5	21.16	20.18	19.17			
	36RB-Middle (19)	1747.5	21.24	20.24	19.22			
		1732.5	21.13	20.13	19.14			
		1717.5	21.18	20.22	19.19			
	36RB-Low (0)	1747.5	21.24	20.23	19.26			
		1732.5	21.15	20.15	19.16			
		1717.5	21.17	20.19	19.17			
	75RB (0)	1747.5	21.19	20.24	19.27			
		1732.5	21.16	20.13	19.16			
		1717.5	21.15	20.20	19.14			
20MHz	1RB-High (99)	1745.0	21.36	21.68	20.23	22.7	22.5	21.5
		1732.5	21.43	21.16	20.32			
		1720.0	21.34	21.60	20.25			
	1RB-Middle (50)	1745.0	21.38	21.68	20.35			
		1732.5	21.34	21.14	20.46			
		1720.0	21.33	21.61	20.23			
	1RB-Low (0)	1745.0	21.45	21.55	20.38			
		1732.5	21.44	21.18	20.33			
		1720.0	21.35	21.39	20.22			
	50RB-High (50)	1745.0	21.28	20.23	19.24			
		1732.5	21.21	20.25	19.23			
		1720.0	21.22	20.23	19.12			
	50RB-Middle (25)	1745.0	21.26	20.26	19.20			
		1732.5	21.16	20.16	19.13			
		1720.0	21.21	20.22	19.23			
	50RB-Low (0)	1745.0	21.20	20.20	19.18			
		1732.5	21.13	20.18	19.15			
		1720.0	21.09	20.10	19.12			
	100RB (0)	1745.0	21.30	20.28	19.26			
		1732.5	21.14	20.19	19.17			
		1720.0	21.22	20.21	19.17			



Ant.4 - LTE Band 4 Power Level DS13

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1754.3	20.21	20.61	20.47	21.5	21.5	21.5
		1732.5	20.24	20.46	20.36			
		1710.7	20.08	20.35	20.30			
	1RB-Middle (3)	1754.3	20.25	20.59	20.53			
		1732.5	20.17	20.50	20.45			
		1710.7	20.10	20.46	20.40			
	1RB-Low (0)	1754.3	20.19	20.57	20.35			
		1732.5	20.19	20.57	20.47			
		1710.7	20.13	20.45	20.32			
	3RB-High (3)	1754.3	20.21	20.37	20.30			
		1732.5	20.23	20.39	20.28			
		1710.7	20.09	20.29	20.20			
	3RB-Middle (1)	1754.3	20.24	20.26	20.33			
		1732.5	20.24	20.40	20.30			
		1710.7	20.16	20.20	20.26			
	3RB-Low (0)	1754.3	20.22	20.30	20.37			
		1732.5	20.19	20.34	20.37			
		1710.7	20.13	20.32	20.21			
	6RB (0)	1754.3	20.22	20.35	19.33	21.5	21.5	20.5
		1732.5	20.24	20.27	19.30			
		1710.7	20.12	20.28	19.32			
3MHz	1RB-High (14)	1753.5	20.18	20.55	20.44	21.5	21.5	21.5
		1732.5	20.14	20.58	20.34			
		1711.5	20.11	20.47	20.30			
	1RB-Middle (7)	1753.5	20.23	20.67	20.57			
		1732.5	20.27	20.55	20.45			
		1711.5	20.19	20.49	20.45			
	1RB-Low (0)	1753.5	20.14	20.38	20.54	21.5	21.5	20.5
		1732.5	20.15	20.40	20.24			
		1711.5	20.14	20.38	20.50			
	8RB-High (7)	1753.5	20.23	20.32	19.36			
		1732.5	20.27	20.33	19.40			
		1711.5	20.21	20.21	19.27			
	8RB-Middle (4)	1753.5	20.29	20.39	19.47			
		1732.5	20.28	20.29	19.45			
		1711.5	20.20	20.12	19.35			
	8RB-Low (0)	1753.5	20.24	20.31	19.36			
		1732.5	20.25	20.29	19.42			
		1711.5	20.19	20.27	19.28			
	15RB (0)	1753.5	20.26	20.23	19.41			
		1732.5	20.24	20.31	19.36			
		1711.5	20.18	20.23	19.27			
5MHz	1RB-High (24)	1752.5	20.21	20.52	20.40	21.5	21.5	21.5
		1732.5	20.18	20.41	20.50			
		1712.5	20.14	20.44	20.35			
	1RB-Middle (12)	1752.5	20.26	20.67	20.46			
		1732.5	20.26	20.65	20.47			
		1712.5	20.17	20.56	20.37			
	1RB-Low (0)	1752.5	20.17	20.54	20.37	21.5	21.5	20.5
		1732.5	20.18	20.45	20.42			
		1712.5	20.14	20.34	20.29			
	12RB-High (13)	1752.5	20.25	20.24	19.34			
		1732.5	20.28	20.27	19.29			
		1712.5	20.16	20.25	19.33			
	12RB-Middle (6)	1752.5	20.32	20.34	19.40			
		1732.5	20.31	20.36	19.41			
		1712.5	20.21	20.24	19.35			
	12RB-Low (0)	1752.5	20.29	20.28	19.39			
		1732.5	20.17	20.23	19.24			
		1712.5	20.09	20.12	19.22			
	25RB (0)	1752.5	20.26	20.26	19.33			
		1732.5	20.14	20.18	19.32			
		1712.5	20.21	20.17	19.28			
10MHz	1RB-High (49)	1750.0	20.22	20.55	20.54	21.5	21.5	21.5
		1732.5	20.14	20.51	20.33			
		1715.0	20.13	20.49	20.46			
	1RB-Middle (24)	1750.0	20.32	20.69	20.50			
		1732.5	20.19	20.72	20.48			
		1715.0	20.23	20.42	20.52			
	1RB-Low (0)	1750.0	20.29	20.65	20.23	21.5	21.5	20.5
		1732.5	20.18	20.47	20.39			
		1715.0	20.11	20.50	20.34			
	25RB-High (25)	1750.0	20.27	20.30	19.35			
		1732.5	20.26	20.27	19.33			
		1715.0	20.19	20.25	19.29			
	25RB-Middle (12)	1750.0	20.20	20.26	19.30			
		1732.5	20.21	20.22	19.33			
		1715.0	20.25	20.29	19.34			
	25RB-Low (0)	1750.0	20.22	20.18	19.36			
		1732.5	20.22	20.22	19.29			
		1715.0	20.22	20.21	19.30			
	50RB (0)	1750.0	20.19	20.20	19.27			
		1732.5	20.22	20.19	19.29			
		1715.0	20.21	20.22	19.33			
15MHz	1RB-High (74)	1747.5	20.07	20.32	20.34	21.5	21.5	21.5
		1732.5	20.05	20.28	20.20			
		1717.5	19.99	20.35	20.38			
	1RB-Middle (37)	1747.5	19.98	20.30	20.20			
		1732.5	20.04	20.47	20.08			
		1717.5	19.98	20.34	20.32			
	1RB-Low (0)	1747.5	20.05	20.46	20.29	21.5	21.5	20.5
		1732.5	20.05	20.35	20.35			
		1717.5	19.97	20.28	20.26			
	36RB-High (38)	1747.5	20.11	20.10	19.20			
		1732.5	20.11	20.12	19.19			
		1717.5	20.05	20.05	19.19			
	36RB-Middle (19)	1747.5	20.13	20.11	19.24			
		1732.5	20.05	20.03	19.18			
		1717.5	20.08	20.07	19.19			
	36RB-Low (0)	1747.5	20.15	20.15	19.27			
		1732.5	20.06	20.10	19.17			
		1717.5	20.11	20.06	19.16			
	75RB (0)	1747.5	20.14	20.07	19.26			
		1732.5	20.03	20.05	19.12			
		1717.5	20.08	20.07	19.20			
20MHz	1RB-High (99)	1745.0	20.08	20.47	20.39	21.5	21.5	21.5
		1732.5	20.06	20.26	20.36			
		1720.0	20.04	20.49	20.13			
	1RB-Middle (50)	1745.0	20.05	20.25	20.27			
		1732.5	20.02	20.37	20.30			
		1720.0	19.94	20.33	20.20			
	1RB-Low (0)	1745.0	20.11	20.44	20.23	21.5	21.5	20.5
		1732.5	20.10	20.48	20.26			
		1720.0	19.95	20.24	20.42			
	50RB-High (50)	1745.0	20.14	20.11	19.20			
		1732.5	20.12	20.15	19.24			
		1720.0	20.07	20.13	19.23			
	50RB-Middle (25)	1745.0	20.11	20.19	19.25			
		1732.5	20.11	20.07	19.15			
		1720.0	20.12	20.09	19.21			
	50RB-Low (0)	1745.0	20.07	20.13	19.22			
		1732.5	20.07	20.00	19.17			
		1720.0	19.99	20.02	19.10			
	100RB (0)	1745.0	20.14	20.14	19.27			
		1732.5	20.04	20.01	19.15			
		1720.0	20.08	20.09	19.23			



Ant.5 - LTE Band 4 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1754.3	19.45	19.30	18.93	20.5	20.5	19.7
		1732.5	19.66	19.24	18.98			
		1710.7	19.38	19.35	18.90			
	1RB-Middle (3)	1754.3	19.59	19.03	19.14			
		1732.5	19.62	19.97	19.22			
		1710.7	18.96	19.64	18.77			
	1RB-Low (0)	1754.3	19.31	19.54	19.98			
		1732.5	19.73	19.83	18.92			
		1710.7	18.98	19.72	19.09			
	3RB-High (3)	1754.3	19.66	19.23	18.78			
		1732.5	19.39	19.44	18.82			
		1710.7	19.05	19.66	18.96			
	3RB-Middle (1)	1754.3	19.13	19.14	19.18			
		1732.5	19.66	19.20	18.92			
		1710.7	19.81	19.20	19.10			
	3RB-Low (0)	1754.3	19.99	18.99	18.81			
		1732.5	19.29	18.98	18.76			
		1710.7	19.29	19.54	18.93			
	6RB (0)	1754.3	19.52	19.09	18.11			
		1732.5	18.19	19.20	18.22			
		1710.7	19.09	19.11	18.26			
3MHz	1RB-High (14)	1753.5	19.43	19.29	18.96	20.5	20.5	19.7
		1732.5	19.71	19.04	18.87			
		1711.5	19.48	19.17	18.88			
	1RB-Middle (7)	1753.5	19.64	19.15	18.99			
		1732.5	19.77	19.78	19.07			
		1711.5	19.13	19.69	18.73			
	1RB-Low (0)	1753.5	19.17	19.37	18.77			
		1732.5	19.57	19.75	18.84			
		1711.5	19.02	19.71	18.93			
	8RB-High (7)	1753.5	19.63	18.63	17.73			
		1732.5	19.26	18.79	17.88			
		1711.5	19.24	18.99	18.09			
	8RB-Middle (4)	1753.5	19.18	18.98	18.04			
		1732.5	19.59	18.91	17.84			
		1711.5	19.67	18.65	17.97			
	8RB-Low (0)	1753.5	18.81	18.90	17.83			
		1732.5	19.31	18.74	17.87			
		1711.5	19.39	18.64	17.95			
	15RB (0)	1753.5	19.54	18.95	17.70			
		1732.5	19.28	18.97	17.73			
		1711.5	19.03	18.67	17.99			
5MHz	1RB-High (24)	1752.5	19.48	19.48	18.90	20.5	20.5	19.7
		1732.5	19.54	19.22	18.93			
		1712.5	19.51	19.30	18.87			
	1RB-Middle (12)	1752.5	19.45	19.12	19.02			
		1732.5	19.61	19.61	19.04			
		1712.5	19.32	19.65	18.71			
	1RB-Low (0)	1752.5	19.28	19.57	18.82			
		1732.5	19.38	19.72	19.87			
		1712.5	19.19	19.58	19.06			
	12RB-High (13)	1752.5	19.62	18.72	17.67			
		1732.5	19.26	18.79	17.90			
		1712.5	19.32	18.97	18.09			
	12RB-Middle (6)	1752.5	19.34	18.98	18.08			
		1732.5	19.75	18.79	17.78			
		1712.5	19.60	18.66	17.95			
	12RB-Low (0)	1752.5	19.65	18.92	17.65			
		1732.5	19.49	18.74	17.87			
		1712.5	19.34	18.62	17.87			
	25RB (0)	1752.5	19.52	18.89	17.69			
		1732.5	19.25	18.95	17.72			
		1712.5	19.08	18.61	18.04			
10MHz	1RB-High (49)	1750.0	19.52	19.35	18.97	20.5	20.5	19.7
		1732.5	19.42	19.26	18.92			
		1715.0	19.36	19.26	18.85			
	1RB-Middle (24)	1750.0	19.55	19.13	18.92			
		1732.5	19.53	19.73	19.12			
		1715.0	19.37	19.47	18.74			
	1RB-Low (0)	1750.0	19.39	19.45	18.72			
		1732.5	19.37	19.72	18.85			
		1715.0	19.26	19.45	19.06			
	25RB-High (25)	1750.0	19.72	18.66	17.63			
		1732.5	19.34	18.74	17.92			
		1715.0	19.37	18.97	18.02			
	25RB-Middle (12)	1750.0	19.25	18.96	18.04			
		1732.5	19.67	18.84	17.79			
		1715.0	19.45	18.67	18.01			
	25RB-Low (0)	1750.0	19.63	18.92	17.73			
		1732.5	19.43	18.68	17.82			
		1715.0	19.53	18.56	17.88			
	50RB (0)	1750.0	19.58	18.88	17.77			
		1732.5	19.40	19.00	17.73			
		1715.0	19.16	18.64	18.06			
15MHz	1RB-High (74)	1747.5	19.63	19.39	19.01	20.5	20.5	19.7
		1732.5	19.52	19.35	18.88			
		1717.5	19.44	19.23	18.84			
	1RB-Middle (37)	1747.5	19.44	19.27	18.98			
		1732.5	19.41	19.63	19.11			
		1717.5	19.31	19.52	18.68			
	1RB-Low (0)	1747.5	19.53	19.55	18.73			
		1732.5	19.35	19.63	18.88			
		1717.5	19.42	19.31	19.02			
	36RB-High (38)	1747.5	19.58	18.59	17.71			
		1732.5	19.41	18.80	17.84			
		1717.5	19.42	19.03	18.07			
	36RB-Middle (19)	1747.5	19.29	18.88	18.10			
		1732.5	19.61	18.86	17.81			
		1717.5	19.33	18.60	17.94			
	36RB-Low (0)	1747.5	19.51	18.90	17.75			
		1732.5	19.50	18.78	17.81			
		1717.5	19.58	18.63	17.92			
	75RB (0)	1747.5	19.61	18.97	17.73			
		1732.5	19.54	18.97	17.73			
		1717.5	19.28	18.65	17.92			
20MHz	1RB-High (99)	1745.0	19.47	19.58	18.93	20.5	20.5	19.7
		1732.5	19.53	19.53	18.88			
		1720.0	19.50	19.39	18.83			
	1RB-Middle (50)	1745.0	19.43	19.41	18.96			
		1732.5	19.50	19.70	19.07			
		1720.0	19.41	19.61	18.71			
	1RB-Low (0)	1745.0	19.42	19.44	18.70			
		1732.5	19.43	19.58	18.80			
		1720.0	19.24	19.14	19.01			
	50RB-High (50)	1745.0	19.53	18.67	17.72			
		1732.5	19.57	18.80	17.88			
		1720.0	19.55	18.97	18.06			
	50RB-Middle (25)	1745.0	19.33	18.95	18.05			
		1732.5	19.42	18.82	17.80			
		1720.0	19.24	18.64	18.01			
	50RB-Low (0)	1745.0	19.33	18.91	17.67			
		1732.5	19.42	18.73	17.83			
		1720.0	19.40	18.60	17.94			
	100RB (0)	1745.0	19.52	18.88	17.67			
		1732.5	19.37	18.93	17.73			
		1720.0	19.46	18.62	18.02			



Ant.5 - LTE Band 4 Power Level DSI4

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1754.3	18.44	18.33	18.62	19.5	19.5	19.5
		1732.5	18.65	18.22	18.67			
		1710.7	18.37	18.34	18.88			
	1RB-Middle (3)	1754.3	18.60	18.06	18.85			
		1732.5	18.64	18.99	18.93			
		1710.7	17.98	18.65	18.46			
	1RB-Low (0)	1754.3	18.27	18.56	18.71			
		1732.5	18.77	18.86	18.61			
		1710.7	18.01	18.68	18.75			
	3RB-High (3)	1754.3	18.65	18.26	18.47			
		1732.5	18.37	18.43	18.48			
		1710.7	18.09	18.67	18.54			
	3RB-Middle (1)	1754.3	18.14	18.14	18.86			
		1732.5	18.70	18.22	18.63			
		1710.7	18.80	18.16	18.84			
	3RB-Low (0)	1754.3	18.97	18.03	18.52			
		1732.5	18.31	17.94	18.43			
		1710.7	18.31	18.53	18.64			
	6RB (0)	1754.3	18.49	18.46	18.12	19.5	19.5	18.7
		1732.5	18.19	18.41	18.19			
		1710.7	18.33	18.34	18.25			
3MHz	1RB-High (14)	1753.5	18.40	18.30	18.67	19.5	19.5	19.5
		1732.5	18.68	18.01	18.58			
		1711.5	18.47	18.16	18.57			
	1RB-Middle (7)	1753.5	18.64	18.17	18.69			
		1732.5	18.74	18.78	18.78			
		1711.5	18.14	18.69	18.44			
	1RB-Low (0)	1753.5	18.17	18.38	18.43			
		1732.5	18.60	18.73	18.58			
		1711.5	18.04	18.72	18.60			
	8RB-High (7)	1753.5	18.65	18.25	17.76			
		1732.5	18.24	18.42	17.85			
		1711.5	18.23	18.55	18.12			
	8RB-Middle (4)	1753.5	18.15	18.56	18.03			
		1732.5	18.59	18.50	17.86			
		1711.5	18.70	18.26	17.93			
	8RB-Low (0)	1753.5	18.77	18.54	17.63			
		1732.5	18.31	18.37	17.83			
		1711.5	18.42	18.22	17.96			
	15RB (0)	1753.5	18.56	18.76	17.67			
		1732.5	18.27	18.75	17.71			
		1711.5	18.44	18.45	17.96			
5MHz	1RB-High (24)	1752.5	18.46	18.48	18.59	19.5	19.5	19.5
		1732.5	18.56	18.19	18.64			
		1712.5	18.54	18.29	18.56			
	1RB-Middle (12)	1752.5	18.48	18.10	18.73			
		1732.5	18.58	18.58	18.70			
		1712.5	18.31	18.62	18.43			
	1RB-Low (0)	1752.5	18.25	18.57	18.56			
		1732.5	18.40	18.68	18.54			
		1712.5	18.20	18.62	18.77			
	12RB-High (13)	1752.5	18.61	18.34	17.71			
		1732.5	18.25	18.37	17.88			
		1712.5	18.29	18.57	18.12			
	12RB-Middle (6)	1752.5	18.37	18.59	18.09			
		1732.5	18.71	18.38	17.78			
		1712.5	18.58	18.28	17.97			
	12RB-Low (0)	1752.5	18.67	18.52	17.64			
		1732.5	18.50	18.36	17.86			
		1712.5	18.34	18.22	17.84			
	25RB (0)	1752.5	18.50	18.72	17.66			
		1732.5	18.24	18.72	17.73			
		1712.5	18.58	18.43	18.01			
10MHz	1RB-High (49)	1750.0	18.50	18.37	18.67	19.5	19.5	19.5
		1732.5	18.45	18.24	18.65			
		1715.0	18.34	18.22	18.54			
	1RB-Middle (24)	1750.0	18.56	18.14	18.62			
		1732.5	18.50	18.70	18.78			
		1715.0	18.34	18.44	18.47			
	1RB-Low (0)	1750.0	18.42	18.46	18.38			
		1732.5	18.35	18.68	18.52			
		1715.0	18.25	18.49	18.72			
	25RB-High (25)	1750.0	18.76	18.23	17.65			
		1732.5	18.36	18.31	17.94			
		1715.0	18.39	18.54	18.06			
	25RB-Middle (12)	1750.0	18.26	18.58	18.04			
		1732.5	18.71	18.42	17.78			
		1715.0	18.43	18.28	18.02			
	25RB-Low (0)	1750.0	18.67	18.55	17.75			
		1732.5	18.44	18.29	17.86			
		1715.0	18.55	18.16	17.86			
	50RB (0)	1750.0	18.59	18.68	17.79			
		1732.5	18.37	18.83	17.69			
		1715.0	18.42	18.47	18.08			
15MHz	1RB-High (74)	1747.5	18.62	18.37	18.73	19.5	19.5	19.5
		1732.5	18.49	18.33	18.57			
		1717.5	18.46	18.27	18.53			
	1RB-Middle (37)	1747.5	18.41	18.25	18.69			
		1732.5	18.42	18.60	18.80			
		1717.5	18.33	18.48	18.37			
	1RB-Low (0)	1747.5	18.53	18.59	18.45			
		1732.5	18.36	18.61	18.57			
		1717.5	18.42	18.30	18.70			
	36RB-High (38)	1747.5	18.61	18.16	17.73			
		1732.5	18.44	18.38	17.80			
		1717.5	18.40	18.64	18.06			
	36RB-Middle (19)	1747.5	18.30	18.51	18.09			
		1732.5	18.59	18.44	17.80			
		1717.5	18.35	18.19	17.94			
	36RB-Low (0)	1747.5	18.49	18.52	17.72			
		1732.5	18.53	18.38	17.83			
		1717.5	18.61	18.20	17.93			
	75RB (0)	1747.5	18.64	18.77	17.75			
		1732.5	18.56	18.81	17.72			
		1717.5	18.24	18.48	17.91			
20MHz	1RB-High (99)	1745.0	18.52	18.58	18.56	19.5	19.5	19.5
		1732.5	18.56	18.56	18.52			
		1720.0	18.49	18.36	18.43			
	1RB-Middle (50)	1745.0	18.46	18.40	18.53			
		1732.5	18.52	18.73	18.68			
		1720.0	18.43	18.63	18.27			
	1RB-Low (0)	1745.0	18.41	18.46	18.31			
		1732.5	18.45	18.60	18.44			
		1720.0	18.25	18.16	18.58			
	50RB-High (50)	1745.0	18.53	18.52	18.51			
		1732.5	18.47	18.37	17.90			
		1720.0	18.46	18.59	18.07			
	50RB-Middle (25)	1745.0	18.20	18.53	18.02			
		1732.5	18.36	18.42	17.83			
		1720.0	18.13	18.24	17.98			
	50RB-Low (0)	1745.0	18.25	18.50	17.64			
		1732.5	18.32	18.34	17.80			
		1720.0	18.29	18.19	17.93			
	100RB (0)	1745.0	18.45	18.65	17.66			
		1732.5	18.28	18.69	17.73			
		1720.0	18.37	18.46	18.02			



Ant.5 - LTE Band 4 Power Level DSI1

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1754.3	20.70	19.80	18.94	21.7	20.7	19.7
		1732.5	20.60	19.65	18.98			
		1710.7	20.88	19.69	19.02			
	1RB-Middle (3)	1754.3	20.73	19.69	19.10			
		1732.5	20.90	19.92	19.22			
		1710.7	20.65	19.53	18.82			
	1RB-Low (0)	1754.3	20.49	19.76	19.92			
		1732.5	20.61	19.92	18.89			
		1710.7	20.60	19.83	19.10			
	3RB-High (3)	1754.3	20.74	19.73	18.86			
		1732.5	20.86	19.87	18.78			
		1710.7	20.65	19.94	18.93			
	3RB-Middle (1)	1754.3	20.70	19.86	19.18			
		1732.5	20.63	19.95	18.95			
		1710.7	20.87	19.73	19.14			
	3RB-Low (0)	1754.3	20.69	19.94	18.94			
		1732.5	20.73	19.85	18.76			
		1710.7	20.78	19.89	18.95			
	6RB (0)	1754.3	19.82	19.08	18.14	20.7	19.7	18.7
		1732.5	19.88	19.14	18.23			
3MHz	1RB-High (14)	1753.5	20.76	19.74	18.99	21.7	20.7	19.7
		1732.5	20.77	19.61	18.87			
		1711.5	20.69	19.52	18.97			
	1RB-Middle (7)	1753.5	20.65	19.63	18.93			
		1732.5	20.67	19.49	19.02			
		1711.5	20.72	19.53	18.75			
	1RB-Low (0)	1753.5	20.72	19.67	18.76			
		1732.5	20.72	19.71	18.98			
		1711.5	20.67	19.61	19.00			
	8RB-High (7)	1753.5	19.74	18.67	17.69	20.7	19.7	18.7
		1732.5	19.79	18.79	17.86			
		1711.5	19.82	19.00	18.10			
	8RB-Middle (4)	1753.5	19.69	18.98	18.05			
		1732.5	19.67	18.86	17.83			
		1711.5	19.78	18.64	17.98			
	8RB-Low (0)	1753.5	19.64	18.90	17.86			
		1732.5	19.71	18.69	17.87			
		1711.5	19.67	18.63	17.93			
	15RB (0)	1753.5	19.71	18.92	17.69			
		1732.5	19.72	18.96	17.77			
		1711.5	19.71	18.64	17.96			
5MHz	1RB-High (24)	1752.5	20.74	19.77	18.95	21.7	20.7	19.7
		1732.5	20.72	19.64	18.91			
		1712.5	20.70	19.50	18.88			
	1RB-Middle (12)	1752.5	20.64	19.65	18.98			
		1732.5	20.70	19.55	19.07			
		1712.5	20.70	19.55	18.74			
	1RB-Low (0)	1752.5	20.65	19.65	18.76			
		1732.5	20.77	19.74	18.98			
		1712.5	20.66	19.58	18.99			
	12RB-High (13)	1752.5	19.71	18.69	17.70	20.7	19.7	18.7
		1732.5	19.83	18.80	17.91			
		1712.5	19.82	18.96	18.05			
	12RB-Middle (6)	1752.5	19.72	18.97	18.08			
		1732.5	19.66	18.81	17.79			
		1712.5	19.81	18.68	17.98			
	12RB-Low (0)	1752.5	19.63	18.94	17.67			
		1732.5	19.73	18.71	17.94			
		1712.5	19.67	18.63	17.88			
	25RB (0)	1752.5	19.76	18.89	17.73			
		1732.5	19.69	18.94	17.75			
		1712.5	19.72	18.60	17.97			
10MHz	1RB-High (49)	1750.0	20.77	19.77	18.93	21.7	20.7	19.7
		1732.5	20.77	19.65	18.88			
		1715.0	20.71	19.48	18.86			
	1RB-Middle (24)	1750.0	20.68	19.69	18.97			
		1732.5	20.74	19.53	19.08			
		1715.0	20.69	19.53	18.73			
	1RB-Low (0)	1750.0	20.70	19.67	18.72			
		1732.5	20.69	19.73	18.88			
		1715.0	20.71	19.65	19.01			
	25RB-High (25)	1750.0	19.74	18.69	17.65	20.7	19.7	18.7
		1732.5	19.84	18.79	17.92			
		1715.0	19.77	19.00	18.05			
	25RB-Middle (12)	1750.0	19.72	18.95	18.03			
		1732.5	19.71	18.85	17.81			
		1715.0	19.81	18.67	17.99			
	25RB-Low (0)	1750.0	19.64	18.95	17.70			
		1732.5	19.75	18.73	17.81			
		1715.0	19.73	18.62	17.95			
	50RB (0)	1750.0	19.77	18.86	17.72			
		1732.5	19.72	18.97	17.69			
		1715.0	19.74	18.60	18.02			
15MHz	1RB-High (74)	1747.5	20.75	19.70	18.97	21.7	20.7	19.7
		1732.5	20.75	19.61	18.86			
		1717.5	20.72	19.47	18.87			
	1RB-Middle (37)	1747.5	20.70	19.64	18.91			
		1732.5	20.72	19.52	19.08			
		1717.5	20.70	19.55	18.72			
	1RB-Low (0)	1747.5	20.72	19.71	18.75			
		1732.5	20.77	19.72	18.87			
		1717.5	20.68	19.65	19.04			
	36RB-High (38)	1747.5	19.71	18.61	17.68	20.7	19.7	18.7
		1732.5	19.81	18.81	17.89			
		1717.5	19.77	19.01	18.06			
	36RB-Middle (19)	1747.5	19.72	18.90	18.06			
		1732.5	19.68	18.79	17.81			
		1717.5	19.79	18.66	17.98			
	36RB-Low (0)	1747.5	19.61	18.90	17.71			
		1732.5	19.71	18.75	17.80			
		1717.5	19.73	18.64	17.90			
	75RB (0)	1747.5	19.78	18.92	17.70			
		1732.5	19.68	18.92	17.74			
		1717.5	19.69	18.65	17.96			
20MHz	1RB-High (99)	1745.0	20.73	19.73	18.95	21.7	20.7	19.7
		1732.5	20.74	19.64	18.89			
		1720.0	20.70	19.50	18.88			
	1RB-Middle (50)	1745.0	20.67	19.67	18.95			
		1732.5	20.71	19.52	19.05			
		1720.0	20.68	19.52	18.73			
	1RB-Low (0)	1745.0	20.68	19.69	18.73			
		1732.5	20.73	19.72	18.84			
		1720.0	20.70	19.61	19.02			
	50RB-High (50)	1745.0	19.74	18.65	17.69	20.7	19.7	18.7
		1732.5	19.81	18.82	17.88			
		1720.0	19.80	18.98	18.07			
	50RB-Middle (25)	1745.0	19.72	18.94	18.05			
		1732.5	19.70	18.93	17.83			
		1720.0	19.79	18.66	18.01			
	50RB-Low (0)	1745.0	19.63	18.91	17.70			
		1732.5	19.71	18.73	17.84			
		1720.0	19.70	18.64	17.92			
	100RB (0)	1745.0	19.75	18.89	17.71			
		1732.5	19.69	18.94	17.73			
		1720.0	19.72	18.62	17.98			



Ant.5 - LTE Band 4 Power Level DSI3

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1754.3	19.50	19.78	18.94	20.7	20.7	19.7
		1732.5	19.72	19.64	18.98			
		1710.7	19.51	19.72	18.90			
	1RB-Middle (3)	1754.3	19.69	19.66	19.11			
		1732.5	19.64	19.94	19.24			
		1710.7	19.99	19.52	18.81			
	1RB-Low (0)	1754.3	19.93	19.76	19.96			
		1732.5	19.74	19.90	18.93			
		1710.7	19.50	19.84	19.12			
	3RB-High (3)	1754.3	19.57	19.72	18.82			
		1732.5	19.83	19.90	18.81			
		1710.7	19.82	20.12	18.90			
	3RB-Middle (1)	1754.3	19.94	20.02	19.15			
		1732.5	19.76	20.15	18.91			
		1710.7	18.98	19.74	19.13			
	3RB-Low (0)	1754.3	18.90	20.23	18.93			
		1732.5	19.90	20.14	18.74			
		1710.7	19.35	19.69	18.94			
	6RB (0)	1754.3	19.63	19.11	18.13			
		1732.5	19.89	19.17	18.26			
		1710.7	19.62	19.10	18.22			
3MHz	1RB-High (14)	1753.5	19.46	19.73	18.98	20.7	20.7	19.7
		1732.5	19.81	19.60	18.90			
		1711.5	19.46	19.55	18.95			
	1RB-Middle (7)	1753.5	19.86	19.62	18.96			
		1732.5	19.68	19.50	19.04			
		1711.5	19.75	19.50	18.72			
	1RB-Low (0)	1753.5	19.94	19.71	18.75			
		1732.5	19.75	19.67	18.85			
		1711.5	19.32	19.61	18.96			
	8RB-High (7)	1753.5	19.89	18.65	17.70			
		1732.5	19.83	18.79	17.86			
		1711.5	19.74	18.97	18.09			
	8RB-Middle (4)	1753.5	19.79	18.97	18.04			
		1732.5	19.82	18.87	17.83			
		1711.5	19.22	18.63	17.98			
	8RB-Low (0)	1753.5	18.98	18.88	17.85			
		1732.5	19.85	18.71	17.88			
		1711.5	19.48	18.64	17.93			
	15RB (0)	1753.5	19.66	18.92	17.66			
		1732.5	19.85	18.93	17.75			
		1711.5	19.68	18.68	17.96			
5MHz	1RB-High (24)	1752.5	19.52	19.77	18.93	20.7	20.7	19.7
		1732.5	19.76	19.62	18.91			
		1712.5	19.51	19.50	18.88			
	1RB-Middle (12)	1752.5	19.69	19.67	19.01			
		1732.5	19.53	19.58	19.07			
		1712.5	19.95	19.52	18.72			
	1RB-Low (0)	1752.5	19.95	19.67	18.79			
		1732.5	19.78	19.74	18.90			
		1712.5	19.25	19.54	19.03			
	12RB-High (13)	1752.5	19.90	18.71	17.66			
		1732.5	19.89	18.78	17.89			
		1712.5	19.64	18.96	18.07			
	12RB-Middle (6)	1752.5	19.70	18.95	18.11			
		1732.5	19.88	18.83	17.79			
		1712.5	19.34	18.68	17.96			
	12RB-Low (0)	1752.5	19.24	18.94	17.66			
		1732.5	19.88	18.73	17.95			
		1712.5	19.31	18.66	17.91			
	25RB (0)	1752.5	19.51	18.87	17.71			
		1732.5	19.67	18.96	17.74			
		1712.5	19.66	18.58	18.01			
10MHz	1RB-High (49)	1750.0	19.52	19.79	18.97	20.7	20.7	19.7
		1732.5	19.92	19.66	18.90			
		1715.0	19.67	19.50	18.83			
	1RB-Middle (24)	1750.0	19.52	19.71	18.93			
		1732.5	19.59	19.52	19.09			
		1715.0	19.99	19.51	18.76			
	1RB-Low (0)	1750.0	19.79	19.64	18.75			
		1732.5	19.96	19.70	18.86			
		1715.0	19.24	19.61	19.04			
	25RB-High (25)	1750.0	19.83	18.66	17.64			
		1732.5	19.95	18.76	17.90			
		1715.0	19.65	18.98	18.02			
	25RB-Middle (12)	1750.0	19.53	18.98	18.01			
		1732.5	19.97	18.81	17.80			
		1715.0	19.21	18.66	17.97			
	25RB-Low (0)	1750.0	19.28	18.94	17.70			
		1732.5	19.77	18.72	17.84			
		1715.0	19.30	18.58	17.92			
	50RB (0)	1750.0	19.63	18.88	17.75			
		1732.5	19.65	18.97	17.72			
		1715.0	19.70	18.61	18.04			
15MHz	1RB-High (74)	1747.5	19.54	19.71	18.98	20.7	20.7	19.7
		1732.5	19.86	19.64	18.88			
		1717.5	19.85	19.43	18.84			
	1RB-Middle (37)	1747.5	19.71	19.61	18.94			
		1732.5	19.61	19.56	19.09			
		1717.5	19.81	19.56	18.70			
	1RB-Low (0)	1747.5	19.82	19.67	18.76			
		1732.5	19.81	19.69	18.87			
		1717.5	19.18	19.65	19.03			
	36RB-High (38)	1747.5	19.67	18.60	17.69			
		1732.5	19.98	18.81	17.87			
		1717.5	19.81	19.04	18.06			
	36RB-Middle (19)	1747.5	19.56	18.87	18.10			
		1732.5	19.82	18.83	17.83			
		1717.5	19.34	18.64	17.96			
	36RB-Low (0)	1747.5	19.26	18.87	17.74			
		1732.5	19.59	18.75	17.83			
		1717.5	19.29	18.65	17.92			
	75RB (0)	1747.5	19.72	18.94	17.69			
		1732.5	19.50	18.95	17.75			
		1717.5	19.60	18.66	17.96			
20MHz	1RB-High (99)	1745.0	19.51	19.75	18.93	20.7	20.7	19.7
		1732.5	19.76	19.65	18.88			
		1720.0	19.71	19.46	18.85			
	1RB-Middle (50)	1745.0	19.55	19.68	18.98			
		1732.5	19.52	19.52	19.06			
		1720.0	19.67	19.52	18.73			
	1RB-Low (0)	1745.0	19.68	19.66	18.73			
		1732.5	19.75	19.70	18.81			
		1720.0	19.34	19.60	19.01			
	50RB-High (50)	1745.0	19.66	18.66	17.71			
		1732.5	19.81	18.83	17.90			
		1720.0	19.79	18.96	18.09			
	50RB-Middle (25)	1745.0	19.55	18.93	18.03			
		1732.5	19.77	18.83	17.84			
		1720.0	19.53	18.63	18.00			
	50RB-Low (0)	1745.0	19.35	18.89	17.70			
		1732.5	19.44	18.77	17.85			
		1720.0	19.42	18.64	17.90			
	100RB (0)	1745.0	19.62	18.87	17.70			
		1732.5	19.46	18.94	17.73			
		1720.0	19.71	18.63	18.02			

Ant.1 - LTE Band 7 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2567.5	16.23	16.69	16.48	17.3	17.3	17.3
		2535.0	16.27	16.88	16.42			
		2502.5	16.21	16.53	16.38			
	1RB-Middle (12)	2567.5	16.22	16.64	16.25			
		2535.0	16.30	16.52	16.49			
		2502.5	16.30	16.54	16.45			
	1RB-Low (0)	2567.5	16.26	16.61	16.48			
		2535.0	16.24	16.55	16.45			
		2502.5	16.19	16.58	16.26			
	12RB-High (13)	2567.5	16.30	16.37	16.25	17.3	17.3	17.3
		2535.0	16.28	16.31	16.27			
		2502.5	16.18	16.21	16.18			
	12RB-Middle (6)	2567.5	16.32	16.38	16.29			
		2535.0	16.37	16.40	16.32			
		2502.5	16.20	16.25	16.21			
	12RB-Low (0)	2567.5	16.28	16.32	16.22			
		2535.0	16.30	16.35	16.24			
		2502.5	16.27	16.29	16.17			
	25RB (0)	2567.5	16.30	16.33	16.24			
		2535.0	16.28	16.23	16.23			
		2502.5	16.23	16.22	16.15			
10MHz	1RB-High (49)	2565.0	16.28	16.58	16.42	17.3	17.3	17.3
		2535.0	16.30	16.67	16.32			
		2505.0	16.28	16.72	16.24			
	1RB-Middle (24)	2565.0	16.35	16.68	16.37			
		2535.0	16.33	16.56	16.60			
		2505.0	16.25	16.50	16.46			
	1RB-Low (0)	2565.0	16.22	16.44	16.47	17.3	17.3	17.3
		2535.0	16.21	16.67	16.30			
		2505.0	16.20	16.53	16.23			
	25RB-High (25)	2565.0	16.30	16.28	16.20			
		2535.0	16.33	16.37	16.25			
		2505.0	16.31	16.29	16.23			
	25RB-Middle (12)	2565.0	16.37	16.40	16.33			
		2535.0	16.32	16.41	16.25			
		2505.0	16.30	16.31	16.19			
	25RB-Low (0)	2565.0	16.34	16.33	16.25			
		2535.0	16.32	16.36	16.30			
		2505.0	16.31	16.31	16.20			
	50RB (0)	2565.0	16.35	16.35	16.22			
		2535.0	16.29	16.27	16.19			
		2505.0	16.22	16.22	16.16			
15MHz	1RB-High (74)	2562.5	16.20	16.54	16.28	17.3	17.3	17.3
		2535.0	16.19	16.44	16.38			
		2507.5	16.17	16.61	16.25			
	1RB-Middle (37)	2562.5	16.18	16.39	16.24			
		2535.0	16.12	16.39	16.33			
		2507.5	16.09	16.64	16.24			
	1RB-Low (0)	2562.5	16.03	16.17	16.18	17.3	17.3	17.3
		2535.0	16.05	16.30	16.13			
		2507.5	16.03	16.28	16.06			
	36RB-High (38)	2562.5	16.21	16.17	16.09			
		2535.0	16.24	16.27	16.14			
		2507.5	16.18	16.16	16.09			
	36RB-Middle (19)	2562.5	16.23	16.18	16.14			
		2535.0	16.21	16.20	16.09			
		2507.5	16.22	16.16	16.13			
	36RB-Low (0)	2562.5	16.19	16.21	16.08			
		2535.0	16.21	16.20	16.09			
		2507.5	16.12	16.17	16.09			
	75RB (0)	2562.5	16.23	16.21	16.13			
		2535.0	16.20	16.16	16.08			
		2507.5	16.25	16.18	16.14			
20MHz	1RB-High (99)	2560.0	16.24	16.67	16.50	17.3	17.3	17.3
		2535.0	16.16	16.52	16.25			
		2510.0	16.23	16.66	16.39			
	1RB-Middle (50)	2560.0	16.16	16.41	16.36			
		2535.0	16.12	16.29	16.34			
		2510.0	16.03	16.57	16.10			
	1RB-Low (0)	2560.0	16.05	16.32	16.42	17.3	17.3	17.3
		2535.0	16.01	16.39	16.30			
		2510.0	15.97	16.38	16.17			
	50RB-High (50)	2560.0	16.21	16.28	16.14			
		2535.0	16.22	16.22	16.17			
		2510.0	16.16	16.23	16.11			
	50RB-Middle (25)	2560.0	16.28	16.26	16.16			
		2535.0	16.18	16.15	16.08			
		2510.0	16.24	16.25	16.14			
	50RB-Low (0)	2560.0	16.19	16.18	16.09			
		2535.0	16.15	16.22	16.12			
		2510.0	16.15	16.15	16.10			
	100RB (0)	2560.0	16.26	16.28	16.15			
		2535.0	16.18	16.23	16.06			
		2510.0	16.25	16.23	16.12			

Ant.1 - LTE Band 7 Power Level DS14

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2567.5	15.33	15.56	15.43	16.3	16.3	16.3
		2535.0	15.32	15.68	15.45			
		2502.5	15.20	15.59	15.38			
	1RB-Middle (12)	2567.5	15.34	15.42	15.55			
		2535.0	15.39	15.68	15.73			
		2502.5	15.32	15.68	15.56			
	1RB-Low (0)	2567.5	15.26	15.65	15.23			
		2535.0	15.33	15.65	15.37			
		2502.5	15.18	15.58	15.47			
	12RB-High (13)	2567.5	15.37	15.36	15.44	16.3	16.3	16.3
		2535.0	15.36	15.37	15.36			
		2502.5	15.17	15.29	15.21			
	12RB-Middle (6)	2567.5	15.39	15.42	15.46			
		2535.0	15.45	15.43	15.46			
		2502.5	15.27	15.27	15.27			
	12RB-Low (0)	2567.5	15.34	15.41	15.40			
		2535.0	15.39	15.45	15.39			
		2502.5	15.23	15.28	15.28			
	25RB (0)	2567.5	15.35	15.31	15.36			
		2535.0	15.34	15.33	15.34			
		2502.5	15.19	15.17	15.17			
10MHz	1RB-High (49)	2565.0	15.32	15.80	15.67	16.3	16.3	16.3
		2535.0	15.39	15.91	15.48			
		2505.0	15.31	15.73	15.45			
	1RB-Middle (24)	2565.0	15.40	15.62	15.59			
		2535.0	15.42	15.63	15.56			
		2505.0	15.34	15.52	15.38			
	1RB-Low (0)	2565.0	15.33	15.76	15.51			
		2535.0	15.34	15.69	15.46			
		2505.0	15.23	15.63	15.34			
	25RB-High (25)	2565.0	15.34	15.38	15.37	16.3	16.3	16.3
		2535.0	15.41	15.40	15.38			
		2505.0	15.29	15.27	15.29			
	25RB-Middle (12)	2565.0	15.43	15.51	15.40			
		2535.0	15.43	15.42	15.37			
		2505.0	15.30	15.31	15.30			
	25RB-Low (0)	2565.0	15.38	15.43	15.42			
		2535.0	15.44	15.39	15.42			
		2505.0	15.25	15.31	15.30			
	50RB (0)	2565.0	15.40	15.40	15.37			
		2535.0	15.36	15.30	15.31			
		2505.0	15.24	15.21	15.27			
15MHz	1RB-High (74)	2562.5	15.20	15.58	15.41	16.3	16.3	16.3
		2535.0	15.23	15.38	15.50			
		2507.5	15.25	15.63	15.36			
	1RB-Middle (37)	2562.5	15.20	15.42	15.59			
		2535.0	15.24	15.50	15.48			
		2507.5	15.11	15.34	15.29			
	1RB-Low (0)	2562.5	15.07	15.36	15.35			
		2535.0	15.13	15.33	15.31			
		2507.5	14.95	15.36	15.16			
	36RB-High (38)	2562.5	15.25	15.25	15.21	16.3	16.3	16.3
		2535.0	15.30	15.30	15.30			
		2507.5	15.25	15.23	15.24			
	36RB-Middle (19)	2562.5	15.30	15.24	15.28			
		2535.0	15.25	15.28	15.22			
		2507.5	15.21	15.19	15.20			
	36RB-Low (0)	2562.5	15.21	15.24	15.30			
		2535.0	15.30	15.26	15.28			
		2507.5	15.17	15.14	15.11			
	75RB (0)	2562.5	15.23	15.26	15.25			
		2535.0	15.25	15.20	15.25			
		2507.5	15.24	15.22	15.17			
20MHz	1RB-High (99)	2560.0	15.33	15.49	15.62	16.3	16.3	16.3
		2535.0	15.25	15.57	15.47			
		2510.0	15.29	15.50	15.39			
	1RB-Middle (50)	2560.0	15.23	15.70	15.36			
		2535.0	15.24	15.35	15.54			
		2510.0	15.16	15.55	15.33			
	1RB-Low (0)	2560.0	15.11	15.34	15.07			
		2535.0	15.15	15.51	15.29			
		2510.0	15.00	15.45	15.33			
	50RB-High (50)	2560.0	15.24	15.28	15.26	16.3	16.3	16.3
		2535.0	15.26	15.29	15.31			
		2510.0	15.26	15.21	15.24			
	50RB-Middle (25)	2560.0	15.34	15.28	15.28			
		2535.0	15.26	15.22	15.21			
		2510.0	15.27	15.24	15.24			
	50RB-Low (0)	2560.0	15.25	15.27	15.24			
		2535.0	15.24	15.24	15.28			
		2510.0	15.19	15.20	15.21			
	100RB (0)	2560.0	15.26	15.29	15.28			
		2535.0	15.28	15.20	15.20			
		2510.0	15.25	15.20	15.22			

Ant.1 - LTE Band 7 Power Level DS11

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2567.5	21.83	21.21	20.10	22.9	21.9	20.9
		2535.0	21.84	21.06	20.06			
		2502.5	21.81	21.19	19.92			
	1RB-Middle (12)	2567.5	21.91	21.12	19.88			
		2535.0	21.89	21.25	20.01			
		2502.5	21.88	21.28	20.17			
	1RB-Low (0)	2567.5	21.79	21.02	20.15			
		2535.0	21.83	21.01	20.15			
		2502.5	21.83	20.97	20.04			
	12RB-High (13)	2567.5	20.89	19.93	18.88	21.9	20.9	19.9
		2535.0	20.84	19.86	18.85			
		2502.5	20.82	19.86	18.79			
	12RB-Middle (6)	2567.5	20.89	19.94	18.84			
		2535.0	20.95	19.95	18.90			
		2502.5	20.87	19.84	18.87			
	12RB-Low (0)	2567.5	20.85	19.89	18.88			
		2535.0	20.87	19.87	18.88			
		2502.5	20.86	19.89	18.90			
	25RB (0)	2567.5	20.89	19.92	18.83			
		2535.0	20.81	19.84	18.79			
		2502.5	20.81	19.83	18.79			
10MHz	1RB-High (49)	2565.0	21.83	21.07	20.16	22.9	21.9	20.9
		2535.0	21.84	21.46	20.01			
		2505.0	21.85	21.10	19.98			
	1RB-Middle (24)	2565.0	21.90	21.14	20.12			
		2535.0	21.91	21.38	20.20			
		2505.0	21.86	21.07	19.86			
	1RB-Low (0)	2565.0	21.80	21.13	20.01	21.9	20.9	19.9
		2535.0	21.79	21.00	19.85			
		2505.0	21.77	21.14	19.90			
	25RB-High (25)	2565.0	20.88	19.89	18.81			
		2535.0	20.84	19.88	18.85			
		2505.0	20.80	19.90	18.83			
	25RB-Middle (12)	2565.0	20.91	19.98	18.87			
		2535.0	20.86	19.85	18.84			
		2505.0	20.84	19.90	18.81			
	25RB-Low (0)	2565.0	20.86	19.91	18.86			
		2535.0	20.88	19.91	18.92			
		2505.0	20.85	19.92	18.81			
	50RB (0)	2565.0	20.92	19.90	18.89			
		2535.0	20.83	19.84	18.79			
		2505.0	20.81	19.88	18.79			
15MHz	1RB-High (74)	2562.5	21.66	21.12	20.11	22.9	21.9	20.9
		2535.0	21.76	21.05	20.02			
		2507.5	21.81	21.02	19.86			
	1RB-Middle (37)	2562.5	21.71	21.13	19.97			
		2535.0	21.77	21.06	19.94			
		2507.5	21.63	20.77	19.82			
	1RB-Low (0)	2562.5	21.61	20.73	19.71	21.9	20.9	19.9
		2535.0	21.59	20.90	19.86			
		2507.5	21.58	20.95	19.88			
	36RB-High (38)	2562.5	20.67	19.70	18.69			
		2535.0	20.75	19.77	18.72			
		2507.5	20.73	19.69	18.70			
	36RB-Middle (19)	2562.5	20.79	19.83	18.76			
		2535.0	20.69	19.70	18.68			
		2507.5	20.73	19.77	18.76			
	36RB-Low (0)	2562.5	20.73	19.72	18.70			
		2535.0	20.74	19.75	18.70			
		2507.5	20.65	19.70	18.69			
	75RB (0)	2562.5	20.79	19.82	18.76			
		2535.0	20.70	19.70	18.66			
		2507.5	20.74	19.79	18.70			
20MHz	1RB-High (99)	2560.0	21.74	21.14	19.95	22.9	21.9	20.9
		2535.0	21.72	21.08	19.90			
		2510.0	21.73	21.05	19.91			
	1RB-Middle (50)	2560.0	21.67	21.20	20.03			
		2535.0	21.70	21.21	19.92			
		2510.0	21.66	21.10	19.96			
	1RB-Low (0)	2560.0	21.59	20.87	19.93	21.9	20.9	19.9
		2535.0	21.57	20.82	19.77			
		2510.0	21.51	20.80	19.52			
	50RB-High (50)	2560.0	20.72	19.76	18.71			
		2535.0	20.72	19.77	18.72			
		2510.0	20.69	19.74	18.68			
	50RB-Middle (25)	2560.0	20.78	19.82	18.79			
		2535.0	20.69	19.73	18.73			
		2510.0	20.74	19.76	18.80			
	50RB-Low (0)	2560.0	20.69	19.73	18.72			
		2535.0	20.72	19.72	18.70			
		2510.0	20.67	19.70	18.68			
	100RB (0)	2560.0	20.77	19.78	18.75			
		2535.0	20.73	19.70	18.66			
		2510.0	20.75	19.74	18.74			

Ant.1 - LTE Band 7 Power Level DS13

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2567.5	20.60	20.75	19.94	21.7	21.7	20.9
		2535.0	20.61	21.00	19.99			
		2502.5	20.53	20.85	19.86			
	1RB-Middle (12)	2567.5	20.65	20.99	20.28			
		2535.0	20.61	21.08	20.14			
		2502.5	20.58	20.95	20.21			
	1RB-Low (0)	2567.5	20.56	20.98	19.99			
		2535.0	20.57	20.96	20.07			
		2502.5	20.50	21.02	19.93			
	12RB-High (13)	2567.5	20.66	19.89	18.83	21.7	20.9	19.9
		2535.0	20.56	19.84	18.82			
		2502.5	20.52	19.79	18.79			
	12RB-Middle (6)	2567.5	20.67	19.87	18.90			
		2535.0	20.70	19.91	18.99			
		2502.5	20.53	19.86	18.75			
	12RB-Low (0)	2567.5	20.59	19.86	18.79			
		2535.0	20.64	19.90	18.92			
		2502.5	20.60	19.88	18.83			
	25RB (0)	2567.5	20.65	19.85	18.84			
		2535.0	20.58	19.77	18.84			
		2502.5	20.51	19.81	18.76			
10MHz	1RB-High (49)	2565.0	20.67	20.90	19.95	21.7	21.7	20.9
		2535.0	20.66	20.90	20.17			
		2505.0	20.63	20.91	20.10			
	1RB-Middle (24)	2565.0	20.61	21.00	20.06			
		2535.0	20.63	21.03	20.14			
		2505.0	20.65	20.93	19.97			
	1RB-Low (0)	2565.0	20.51	20.85	19.94			
		2535.0	20.58	20.85	20.01			
		2505.0	20.47	20.82	19.78			
	25RB-High (25)	2565.0	20.59	19.78	18.80	21.7	20.9	19.9
		2535.0	20.59	19.85	18.85			
		2505.0	20.50	19.83	18.85			
	25RB-Middle (12)	2565.0	20.68	19.89	18.91			
		2535.0	20.60	19.85	18.86			
		2505.0	20.58	19.83	18.81			
	25RB-Low (0)	2565.0	20.64	19.82	18.82			
		2535.0	20.64	19.88	18.92			
		2505.0	20.57	19.85	18.83			
	50RB (0)	2565.0	20.62	19.83	18.81			
		2535.0	20.55	19.77	18.83			
		2505.0	20.50	19.78	18.74			
15MHz	1RB-High (74)	2562.5	20.42	20.87	19.73	21.7	21.7	20.9
		2535.0	20.52	20.54	19.70			
		2507.5	20.51	20.93	19.90			
	1RB-Middle (37)	2562.5	20.43	20.80	19.99			
		2535.0	20.37	20.75	19.89			
		2507.5	20.39	20.59	19.96			
	1RB-Low (0)	2562.5	20.32	20.87	19.75			
		2535.0	20.38	20.69	19.79			
		2507.5	20.37	20.48	19.62			
	36RB-High (38)	2562.5	20.46	19.72	18.68	21.7	20.9	19.9
		2535.0	20.47	19.69	18.75			
		2507.5	20.49	19.60	18.67			
	36RB-Middle (19)	2562.5	20.50	19.73	18.77			
		2535.0	20.46	19.68	18.64			
		2507.5	20.52	19.72	18.73			
	36RB-Low (0)	2562.5	20.49	19.69	18.72			
		2535.0	20.50	19.66	18.74			
		2507.5	20.43	19.61	18.68			
	75RB (0)	2562.5	20.55	19.75	18.78			
		2535.0	20.47	19.68	18.68			
		2507.5	20.53	19.69	18.70			
20MHz	1RB-High (99)	2560.0	20.55	20.81	20.05	21.7	21.7	20.9
		2535.0	20.54	21.10	20.15			
		2510.0	20.52	20.62	19.96			
	1RB-Middle (50)	2560.0	20.41	20.70	20.01			
		2535.0	20.42	20.64	19.97			
		2510.0	20.40	21.07	20.09			
	1RB-Low (0)	2560.0	20.34	20.89	19.85			
		2535.0	20.36	20.59	19.83			
		2510.0	20.30	20.64	19.83			
	50RB-High (50)	2560.0	20.51	19.72	18.71	21.7	20.9	19.9
		2535.0	20.53	19.69	18.75			
		2510.0	20.45	19.70	18.65			
	50RB-Middle (25)	2560.0	20.58	19.74	18.78			
		2535.0	20.51	19.69	18.73			
		2510.0	20.57	19.72	18.75			
	50RB-Low (0)	2560.0	20.52	19.71	18.76			
		2535.0	20.47	19.75	18.74			
		2510.0	20.45	19.59	18.69			
	100RB (0)	2560.0	20.57	19.75	18.80			
		2535.0	20.47	19.69	18.72			
		2510.0	20.55	19.68	18.73			

Ant.4 - LTE Band 7 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2567.5	22.11	21.38	20.30	23.5	22.5	21.5
		2535.0	22.16	21.49	20.45			
		2502.5	22.20	21.46	20.32			
	1RB-Middle (12)	2567.5	22.24	21.58	20.25			
		2535.0	22.24	21.50	20.46			
		2502.5	22.19	21.42	20.35			
	1RB-Low (0)	2567.5	22.08	21.38	20.48			
		2535.0	22.20	21.40	20.34			
		2502.5	22.07	21.42	20.46			
	12RB-High (13)	2567.5	21.16	20.24	19.23	22.5	21.5	20.5
		2535.0	21.15	20.18	19.17			
		2502.5	21.17	20.21	19.21			
	12RB-Middle (6)	2567.5	21.15	20.24	19.28			
		2535.0	21.23	20.27	19.32			
		2502.5	21.18	20.26	19.26			
	12RB-Low (0)	2567.5	21.15	20.22	19.14			
		2535.0	21.20	20.23	19.20			
		2502.5	21.19	20.20	19.29			
	25RB (0)	2567.5	21.13	20.21	19.24			
		2535.0	21.14	20.12	19.17			
		2502.5	21.14	20.17	19.23			
10MHz	1RB-High (49)	2565.0	22.19	21.41	20.20	23.5	22.5	21.5
		2535.0	22.13	21.55	20.44			
		2505.0	22.09	21.48	20.41			
	1RB-Middle (24)	2565.0	22.14	21.43	20.37			
		2535.0	22.22	21.61	20.56			
		2505.0	22.21	21.45	20.41			
	1RB-Low (0)	2565.0	22.10	21.58	20.50	22.5	21.5	20.5
		2535.0	22.12	21.63	20.38			
		2505.0	22.12	21.47	20.30			
	25RB-High (25)	2565.0	21.10	20.13	19.19			
		2535.0	21.17	20.25	19.21			
		2505.0	21.24	20.24	19.24			
	25RB-Middle (12)	2565.0	21.21	20.23	19.21			
		2535.0	21.17	20.18	19.17			
		2505.0	21.17	20.26	19.28			
	25RB-Low (0)	2565.0	21.16	20.16	19.21			
		2535.0	21.23	20.21	19.29			
		2505.0	21.25	20.23	19.30			
	50RB (0)	2565.0	21.17	20.21	19.28			
		2535.0	21.14	20.17	19.22			
		2505.0	21.21	20.24	19.26			
15MHz	1RB-High (74)	2562.5	22.05	21.53	20.26	23.5	22.5	21.5
		2535.0	22.03	21.30	20.12			
		2507.5	22.06	21.21	20.45			
	1RB-Middle (37)	2562.5	22.07	21.20	20.21			
		2535.0	22.05	21.48	20.40			
		2507.5	22.04	21.35	20.46			
	1RB-Low (0)	2562.5	22.03	21.20	20.28	22.5	21.5	20.5
		2535.0	21.99	21.14	20.38			
		2507.5	22.05	21.19	20.23			
	36RB-High (38)	2562.5	21.09	20.08	19.07			
		2535.0	21.04	20.08	19.06			
		2507.5	21.08	20.07	19.09			
	36RB-Middle (19)	2562.5	21.07	20.11	19.10			
		2535.0	21.01	20.06	19.10			
		2507.5	21.12	20.11	19.12			
	36RB-Low (0)	2562.5	21.04	20.04	19.05			
		2535.0	21.05	20.06	19.08			
		2507.5	21.04	20.07	19.13			
	75RB (0)	2562.5	21.09	20.15	19.14			
		2535.0	21.04	20.06	19.10			
		2507.5	21.16	20.18	19.17			
20MHz	1RB-High (99)	2560.0	22.12	21.36	20.16	23.5	22.5	21.5
		2535.0	22.13	21.11	20.45			
		2510.0	22.11	21.50	20.46			
	1RB-Middle (50)	2560.0	22.13	21.24	20.38			
		2535.0	22.15	21.07	20.26			
		2510.0	22.12	21.20	20.29			
	1RB-Low (0)	2560.0	21.91	21.05	20.26	22.5	21.5	20.5
		2535.0	22.01	21.06	20.29			
		2510.0	21.96	21.19	20.29			
	50RB-High (50)	2560.0	21.02	20.04	19.08			
		2535.0	21.13	20.09	19.19			
		2510.0	21.08	20.11	19.12			
	50RB-Middle (25)	2560.0	21.07	20.13	19.14			
		2535.0	21.05	20.04	19.08			
		2510.0	21.12	20.12	19.23			
	50RB-Low (0)	2560.0	21.06	20.01	19.10			
		2535.0	21.11	20.11	19.12			
		2510.0	21.07	20.03	19.12			
	100RB (0)	2560.0	21.08	20.09	19.14			
		2535.0	21.06	20.08	19.10			
		2510.0	21.13	20.17	19.18			

Ant.4 - LTE Band 7 Power Level DS11

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2567.5	20.20	20.40	20.39	21.3	21.3	21.3
		2535.0	20.24	20.64	20.40			
		2502.5	20.25	20.53	20.39			
	1RB-Middle (12)	2567.5	20.21	20.54	20.20			
		2535.0	20.29	20.73	20.50			
		2502.5	20.29	20.57	20.50			
	1RB-Low (0)	2567.5	20.14	20.41	20.43			
		2535.0	20.21	20.52	20.35			
		2502.5	20.19	20.55	20.50			
	12RB-High (13)	2567.5	20.24	20.25	19.43	21.3	21.3	20.5
		2535.0	20.19	20.20	19.38			
		2502.5	20.22	20.23	19.42			
	12RB-Middle (6)	2567.5	20.24	20.28	19.38			
		2535.0	20.32	20.33	19.49			
		2502.5	20.24	20.25	19.42			
	12RB-Low (0)	2567.5	20.20	20.22	19.37			
		2535.0	20.29	20.29	19.50			
		2502.5	20.26	20.22	19.47			
	25RB (0)	2567.5	20.20	20.16	19.37			
		2535.0	20.23	20.22	19.41			
		2502.5	20.17	20.19	19.39			
10MHz	1RB-High (49)	2565.0	20.18	20.63	20.43	21.3	21.3	21.3
		2535.0	20.27	20.55	20.51			
		2505.0	20.24	20.73	20.37			
	1RB-Middle (24)	2565.0	20.20	20.51	20.38			
		2535.0	20.28	20.68	20.49			
		2505.0	20.24	20.85	20.46			
	1RB-Low (0)	2565.0	20.17	20.36	20.30			
		2535.0	20.19	20.50	20.50			
		2505.0	20.21	20.58	20.39			
	25RB-High (25)	2565.0	20.18	20.16	19.34	21.3	21.3	20.5
		2535.0	20.22	20.25	19.46			
		2505.0	20.25	20.24	19.43			
	25RB-Middle (12)	2565.0	20.29	20.27	19.47			
		2535.0	20.23	20.29	19.45			
		2505.0	20.26	20.19	19.41			
	25RB-Low (0)	2565.0	20.24	20.26	19.38			
		2535.0	20.26	20.24	19.51			
		2505.0	20.25	20.27	19.46			
	50RB (0)	2565.0	20.23	20.28	19.46			
		2535.0	20.25	20.22	19.43			
		2505.0	20.19	20.20	19.37			
15MHz	1RB-High (74)	2562.5	20.11	20.42	20.44	21.3	21.3	21.3
		2535.0	20.02	20.33	20.34			
		2507.5	20.14	20.46	20.34			
	1RB-Middle (37)	2562.5	20.00	20.36	20.24			
		2535.0	20.11	20.04	20.53			
		2507.5	20.14	20.38	20.25			
	1RB-Low (0)	2562.5	19.95	20.16	20.22			
		2535.0	19.99	20.17	20.25			
		2507.5	19.87	20.17	20.18			
	36RB-High (38)	2562.5	20.06	20.13	19.20	21.3	21.3	20.5
		2535.0	20.08	20.02	19.36			
		2507.5	20.12	20.09	19.26			
	36RB-Middle (19)	2562.5	20.10	20.09	19.23			
		2535.0	20.08	20.12	19.27			
		2507.5	20.19	20.20	19.31			
	36RB-Low (0)	2562.5	20.09	20.14	19.20			
		2535.0	20.13	20.17	19.32			
		2507.5	20.12	20.07	19.28			
	75RB (0)	2562.5	20.15	20.15	19.26			
		2535.0	20.13	20.04	19.30			
		2507.5	20.17	20.14	19.31			
20MHz	1RB-High (99)	2560.0	20.12	20.35	20.13	21.3	21.3	21.3
		2535.0	20.17	20.39	20.58			
		2510.0	20.14	20.35	20.28			
	1RB-Middle (50)	2560.0	20.13	20.24	20.32			
		2535.0	20.19	20.37	20.14			
		2510.0	20.15	20.39	20.30			
	1RB-Low (0)	2560.0	20.04	20.21	20.00			
		2535.0	20.00	20.27	20.28			
		2510.0	19.86	20.30	19.98			
	50RB-High (50)	2560.0	20.17	20.09	19.31	21.3	21.3	20.5
		2535.0	20.18	20.09	19.31			
		2510.0	20.17	20.12	19.30			
	50RB-Middle (25)	2560.0	20.16	20.16	19.32			
		2535.0	20.10	20.10	19.29			
		2510.0	20.16	20.21	19.33			
	50RB-Low (0)	2560.0	20.12	20.11	19.24			
		2535.0	20.11	20.10	19.24			
		2510.0	20.10	20.09	19.30			
	100RB (0)	2560.0	20.14	20.16	19.29			
		2535.0	20.06	20.06	19.28			
		2510.0	20.16	20.19	19.35			

Ant.5 - LTE Band 7 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2567.5	18.93	19.18	18.39	20.0	20.0	19.2
		2535.0	19.01	19.21	18.36			
		2502.5	19.05	19.18	18.38			
	1RB-Middle (12)	2567.5	18.82	19.07	18.21			
		2535.0	18.98	19.15	18.30			
		2502.5	18.96	19.17	18.24			
	1RB-Low (0)	2567.5	18.87	19.09	18.16			
		2535.0	18.92	19.13	18.26			
		2502.5	18.82	19.02	18.26			
	12RB-High (13)	2567.5	18.89	18.40	17.27	20.0	19.2	18.2
		2535.0	18.95	18.51	17.38			
		2502.5	18.99	18.40	17.35			
	12RB-Middle (6)	2567.5	18.94	18.47	17.38			
		2535.0	19.01	18.41	17.36			
		2502.5	19.05	18.53	17.39			
	12RB-Low (0)	2567.5	19.02	18.37	17.26			
		2535.0	19.00	18.48	17.37			
		2502.5	19.07	18.49	17.42			
	25RB (0)	2567.5	18.98	18.43	17.33			
		2535.0	18.94	18.46	17.28			
		2502.5	19.04	18.49	17.34			
10MHz	1RB-High (49)	2565.0	18.97	19.11	18.31	20.0	20.0	19.2
		2535.0	18.98	19.25	18.33			
		2505.0	19.00	19.21	18.31			
	1RB-Middle (24)	2565.0	18.83	19.07	18.20			
		2535.0	18.98	19.15	18.32			
		2505.0	18.91	19.17	18.22			
	1RB-Low (0)	2565.0	18.84	19.10	18.22	20.0	19.2	18.2
		2535.0	18.90	19.16	18.32			
		2505.0	18.83	19.05	18.29			
	25RB-High (25)	2565.0	18.85	18.37	17.23			
		2535.0	18.94	18.50	17.39			
		2505.0	18.97	18.42	17.32			
	25RB-Middle (12)	2565.0	18.94	18.44	17.40			
		2535.0	19.03	18.43	17.37			
		2505.0	19.04	18.53	17.45			
	25RB-Low (0)	2565.0	19.02	18.42	17.31			
		2535.0	19.05	18.50	17.35			
		2505.0	19.08	18.45	17.44			
	50RB (0)	2565.0	18.95	18.41	17.36			
		2535.0	18.91	18.44	17.32			
		2505.0	19.11	18.49	17.33			
15MHz	1RB-High (74)	2562.5	18.95	19.13	18.34	20.0	20.0	19.2
		2535.0	18.96	19.21	18.36			
		2507.5	18.99	19.18	18.36			
	1RB-Middle (37)	2562.5	18.80	19.08	18.19			
		2535.0	18.91	19.12	18.32			
		2507.5	18.90	19.15	18.26			
	1RB-Low (0)	2562.5	18.84	19.10	18.16	20.0	19.2	18.2
		2535.0	18.91	19.20	18.32			
		2507.5	18.81	19.05	18.24			
	36RB-High (38)	2562.5	18.87	18.35	17.30			
		2535.0	19.01	18.49	17.35			
		2507.5	18.99	18.36	17.32			
	36RB-Middle (19)	2562.5	18.96	18.41	17.38			
		2535.0	19.05	18.38	17.39			
		2507.5	19.05	18.52	17.41			
	36RB-Low (0)	2562.5	18.98	18.45	17.31			
		2535.0	19.05	18.46	17.41			
		2507.5	19.08	18.48	17.36			
	75RB (0)	2562.5	18.97	18.40	17.40			
		2535.0	18.95	18.44	17.27			
		2507.5	19.05	18.52	17.40			
20MHz	1RB-High (99)	2560.0	18.95	19.15	18.35	20.0	20.0	19.2
		2535.0	19.00	19.25	18.36			
		2510.0	19.02	19.19	18.35			
	1RB-Middle (50)	2560.0	18.84	19.09	18.18			
		2535.0	18.95	19.16	18.29			
		2510.0	18.93	19.17	18.25			
	1RB-Low (0)	2560.0	18.85	19.09	18.18	20.0	19.2	18.2
		2535.0	18.90	19.17	18.28			
		2510.0	18.81	19.04	18.26			
	50RB-High (50)	2560.0	18.87	18.39	17.26			
		2535.0	18.97	18.50	17.38			
		2510.0	18.97	18.40	17.35			
	50RB-Middle (25)	2560.0	18.97	18.44	17.37			
		2535.0	19.03	18.41	17.39			
		2510.0	19.05	18.53	17.41			
	50RB-Low (0)	2560.0	18.98	18.41	17.29			
		2535.0	19.03	18.48	17.39			
		2510.0	19.03	18.47	17.40			
	100RB (0)	2560.0	18.99	18.42	17.37			
		2535.0	18.93	18.43	17.30			
		2510.0	19.08	18.51	17.36			

Ant.5 - LTE Band 7 Power Level DS14

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2567.5	17.93	18.18	18.23	19.0	19.0	19.0
		2535.0	18.01	18.22	18.20			
		2502.5	18.05	18.16	18.18			
	1RB-Middle (12)	2567.5	17.78	18.05	18.03			
		2535.0	18.00	18.11	18.14			
		2502.5	18.00	18.21	18.04			
	1RB-Low (0)	2567.5	17.91	18.09	17.98			
		2535.0	17.89	18.13	18.04			
		2502.5	17.81	17.99	18.03			
	12RB-High (13)	2567.5	17.87	18.16	17.27	19.0	19.0	18.2
		2535.0	17.95	18.34	17.36			
		2502.5	18.02	18.22	17.37			
	12RB-Middle (6)	2567.5	17.91	18.31	17.37			
		2535.0	17.98	18.22	17.37			
		2502.5	18.03	18.31	17.38			
	12RB-Low (0)	2567.5	18.01	18.21	17.27			
		2535.0	17.98	18.31	17.38			
		2502.5	18.10	18.30	17.43			
	25RB (0)	2567.5	17.98	18.27	17.34			
		2535.0	17.94	18.28	17.30			
		2502.5	18.04	18.33	17.35			
10MHz	1RB-High (49)	2565.0	17.99	18.09	18.12	19.0	19.0	19.0
		2535.0	17.94	18.28	18.11			
		2505.0	17.99	18.18	18.13			
	1RB-Middle (24)	2565.0	17.80	18.07	18.00			
		2535.0	17.94	18.13	18.16			
		2505.0	17.89	18.18	18.01			
	1RB-Low (0)	2565.0	17.80	18.12	18.01	19.0	19.0	18.2
		2535.0	17.94	18.19	18.10			
		2505.0	17.81	18.02	18.08			
	25RB-High (25)	2565.0	17.85	18.19	17.21			
		2535.0	17.96	18.28	17.42			
		2505.0	17.97	18.25	17.33			
	25RB-Middle (12)	2565.0	17.95	18.27	17.41			
		2535.0	18.06	18.23	17.40			
		2505.0	18.02	18.35	17.47			
	25RB-Low (0)	2565.0	18.01	18.19	17.33			
		2535.0	18.06	18.33	17.38			
		2505.0	18.08	18.24	17.44			
	50RB (0)	2565.0	17.93	18.20	17.37			
		2535.0	17.87	18.23	17.34			
		2505.0	18.08	18.27	17.30			
15MHz	1RB-High (74)	2562.5	17.99	18.11	18.17	19.0	19.0	19.0
		2535.0	17.95	18.20	18.17			
		2507.5	18.00	18.18	18.19			
	1RB-Middle (37)	2562.5	17.78	18.09	18.01			
		2535.0	17.93	18.09	18.12			
		2507.5	17.89	18.15	18.02			
	1RB-Low (0)	2562.5	17.82	18.13	17.94	19.0	19.0	18.2
		2535.0	17.88	18.18	18.13			
		2507.5	17.79	18.07	18.02			
	36RB-High (38)	2562.5	17.84	18.19	17.28			
		2535.0	17.99	18.29	17.39			
		2507.5	18.01	18.20	17.30			
	36RB-Middle (19)	2562.5	17.95	18.18	17.35			
		2535.0	18.06	18.20	17.37			
		2507.5	18.05	18.29	17.42			
	36RB-Low (0)	2562.5	18.01	18.22	17.28			
		2535.0	18.04	18.25	17.37			
		2507.5	18.10	18.26	17.37			
	75RB (0)	2562.5	18.01	18.23	17.43			
		2535.0	17.93	18.28	17.30			
		2507.5	18.06	18.34	17.37			
20MHz	1RB-High (99)	2560.0	17.98	18.14	18.19	19.0	19.0	19.0
		2535.0	17.95	18.26	18.12			
		2510.0	18.02	18.18	18.15			
	1RB-Middle (50)	2560.0	17.80	18.10	18.02			
		2535.0	17.97	18.12	18.07			
		2510.0	17.95	18.14	18.05			
	1RB-Low (0)	2560.0	17.87	18.12	18.01	19.0	19.0	18.2
		2535.0	17.92	18.19	18.08			
		2510.0	17.80	18.01	18.09			
	50RB-High (50)	2560.0	17.89	18.16	17.29			
		2535.0	17.94	18.30	17.40			
		2510.0	17.95	18.23	17.33			
	50RB-Middle (25)	2560.0	18.01	18.27	17.37			
		2535.0	18.00	18.23	17.41			
		2510.0	18.02	18.36	17.38			
	50RB-Low (0)	2560.0	17.98	18.19	17.28			
		2535.0	17.99	18.27	17.42			
		2510.0	18.00	18.27	17.40			
	100RB (0)	2560.0	18.02	18.19	17.36			
		2535.0	17.93	18.20	17.30			
		2510.0	18.12	18.35	17.33			



Ant.5 - LTE Band 7 Power Level DS11

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2567.5	20.13	19.31	18.32	21.2	20.2	19.2
		2535.0	20.17	19.45	18.38			
		2502.5	20.22	19.41	18.40			
	1RB-Middle (12)	2567.5	20.03	19.34	18.19			
		2535.0	20.17	19.35	18.29			
		2502.5	20.10	19.33	18.23			
	1RB-Low (0)	2567.5	20.01	19.36	18.17			
		2535.0	20.13	19.32	18.29			
		2502.5	20.07	19.23	18.24			
	12RB-High (13)	2567.5	19.13	18.37	17.28	20.2	19.2	18.2
		2535.0	19.18	18.50	17.39			
		2502.5	19.14	18.39	17.31			
	12RB-Middle (6)	2567.5	19.16	18.46	17.37			
		2535.0	19.16	18.40	17.39			
		2502.5	19.26	18.52	17.42			
	12RB-Low (0)	2567.5	19.18	18.42	17.31			
		2535.0	19.25	18.46	17.36			
		2502.5	19.22	18.42	17.35			
	25RB (0)	2567.5	19.20	18.38	17.41			
		2535.0	19.13	18.40	17.35			
		2502.5	19.20	18.45	17.35			
10MHz	1RB-High (49)	2565.0	20.12	19.33	18.34	21.2	20.2	19.2
		2535.0	20.17	19.51	18.37			
		2505.0	20.19	19.44	18.38			
	1RB-Middle (24)	2565.0	20.07	19.31	18.15			
		2535.0	20.12	19.41	18.30			
		2505.0	20.08	19.37	18.24			
	1RB-Low (0)	2565.0	20.07	19.30	18.18	20.2	19.2	18.2
		2535.0	20.12	19.35	18.29			
		2505.0	20.07	19.24	18.26			
	25RB-High (25)	2565.0	19.12	18.32	17.25			
		2535.0	19.18	18.46	17.37			
		2505.0	19.16	18.40	17.32			
	25RB-Middle (12)	2565.0	19.15	18.46	17.33			
		2535.0	19.17	18.41	17.40			
		2505.0	19.25	18.49	17.37			
	25RB-Low (0)	2565.0	19.18	18.45	17.29			
		2535.0	19.27	18.47	17.35			
		2505.0	19.19	18.48	17.39			
	50RB (0)	2565.0	19.16	18.44	17.43			
		2535.0	19.15	18.37	17.34			
		2505.0	19.22	18.52	17.34			
15MHz	1RB-High (74)	2562.5	20.12	19.31	18.30	21.2	20.2	19.2
		2535.0	20.17	19.46	18.36			
		2507.5	20.22	19.46	18.35			
	1RB-Middle (37)	2562.5	20.02	19.33	18.15			
		2535.0	20.11	19.36	18.31			
		2507.5	20.10	19.39	18.24			
	1RB-Low (0)	2562.5	20.06	19.30	18.21	20.2	19.2	18.2
		2535.0	20.14	19.32	18.33			
		2507.5	20.04	19.31	18.22			
	36RB-High (38)	2562.5	19.06	18.38	17.31			
		2535.0	19.21	18.49	17.39			
		2507.5	19.12	18.39	17.33			
	36RB-Middle (19)	2562.5	19.20	18.45	17.31			
		2535.0	19.18	18.40	17.38			
		2507.5	19.23	18.51	17.42			
	36RB-Low (0)	2562.5	19.16	18.46	17.29			
		2535.0	19.25	18.49	17.39			
		2507.5	19.24	18.49	17.41			
	75RB (0)	2562.5	19.21	18.39	17.40			
		2535.0	19.12	18.39	17.31			
		2507.5	19.23	18.52	17.38			
20MHz	1RB-High (99)	2560.0	20.10	19.33	18.31	21.2	20.2	19.2
		2535.0	20.18	19.47	18.36			
		2510.0	20.19	19.42	18.38			
	1RB-Middle (50)	2560.0	20.03	19.31	18.19			
		2535.0	20.14	19.38	18.29			
		2510.0	20.12	19.35	18.26			
	1RB-Low (0)	2560.0	20.04	19.32	18.18	20.2	19.2	18.2
		2535.0	20.12	19.34	18.29			
		2510.0	20.04	19.27	18.24			
	50RB-High (50)	2560.0	19.09	18.36	17.28			
		2535.0	19.19	18.47	17.38			
		2510.0	19.14	18.39	17.34			
	50RB-Middle (25)	2560.0	19.18	18.45	17.35			
		2535.0	19.18	18.43	17.39			
		2510.0	19.25	18.53	17.41			
	50RB-Low (0)	2560.0	19.17	18.42	17.30			
		2535.0	19.23	18.46	17.37			
		2510.0	19.21	18.45	17.38			
	100RB (0)	2560.0	19.19	18.41	17.39			
		2535.0	19.13	18.39	17.31			
		2510.0	19.22	18.49	17.36			

Ant.1 - LTE Band 12 Power Level DS12/DS11

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	715.3	22.92	22.30	21.15	24.3	23.3	22.3
		707.5	22.85	22.20	21.00			
		699.7	22.89	22.17	21.08			
	1RB-Middle (3)	715.3	22.94	22.19	21.02			
		707.5	22.93	22.28	21.24			
		699.7	22.88	22.30	20.96			
	1RB-Low (0)	715.3	22.81	22.40	21.16			
		707.5	22.84	22.08	21.08			
		699.7	22.83	22.11	20.87			
	3RB-High (3)	715.3	22.91	22.17	21.10			
		707.5	22.95	22.01	21.12			
		699.7	22.86	21.91	20.97			
	3RB-Middle (1)	715.3	22.91	22.01	21.14			
		707.5	22.89	22.06	21.06			
		699.7	22.85	22.01	21.05			
	3RB-Low (0)	715.3	22.89	22.02	20.98			
		707.5	22.97	22.02	21.14			
		699.7	22.90	21.95	21.01			
	6RB (0)	715.3	21.95	21.09	19.99	23.3	22.3	21.3
		707.5	21.89	21.03	19.96			
		699.7	21.86	20.86	19.94			
3MHz	1RB-High (14)	714.5	22.84	22.40	21.21	24.3	23.3	22.3
		707.5	22.92	22.32	21.14			
		700.5	22.82	22.12	20.96			
	1RB-Middle (7)	714.5	22.93	22.32	21.08			
		707.5	22.98	22.35	21.29			
		700.5	22.95	22.39	21.16			
	1RB-Low (0)	714.5	22.85	22.22	21.19			
		707.5	22.84	22.19	21.10			
		700.5	22.76	22.24	20.90			
	8RB-High (7)	714.5	22.03	21.16	19.99	23.3	22.3	21.3
		707.5	22.00	21.08	20.07			
		700.5	21.91	21.10	19.87			
	8RB-Middle (4)	714.5	22.05	21.12	20.12			
		707.5	21.97	21.06	20.02			
		700.5	21.98	20.97	19.91			
	8RB-Low (0)	714.5	21.95	20.99	19.97			
		707.5	21.96	20.99	19.99			
		700.5	21.81	20.98	19.83			
	15RB (0)	714.5	21.91	21.03	19.93			
		707.5	21.94	20.96	19.94			
		700.5	21.86	20.91	19.95			
5MHz	1RB-High (24)	713.5	22.90	22.10	21.20	24.3	23.3	22.3
		707.5	22.95	22.39	21.06			
		701.5	22.86	22.31	21.15			
	1RB-Middle (12)	713.5	22.98	22.40	21.17			
		707.5	22.98	22.47	21.23			
		701.5	22.96	22.40	21.12			
	1RB-Low (0)	713.5	22.92	22.35	21.12			
		707.5	22.87	22.35	21.24			
		701.5	22.85	22.14	21.09			
	12RB-High (13)	713.5	22.01	21.06	19.99	23.3	22.3	21.3
		707.5	22.03	21.08	20.06			
		701.5	21.95	21.01	20.02			
	12RB-Middle (6)	713.5	22.02	21.08	20.07			
		707.5	22.00	21.05	20.05			
		701.5	21.96	20.97	20.00			
	12RB-Low (0)	713.5	21.94	20.93	19.93			
		707.5	21.99	20.97	19.91			
		701.5	21.83	20.95	19.89			
	25RB (0)	713.5	22.01	21.02	19.98			
		707.5	21.95	20.97	19.92			
		701.5	21.93	21.01	20.00			
10MHz	1RB-High (49)	711.0	22.97	22.49	21.17	24.3	23.3	22.3
		707.5	22.99	22.25	21.40			
		704.0	22.98	22.34	21.18			
	1RB-Middle (24)	711.0	23.01	22.49	21.35			
		707.5	23.02	22.31	21.14			
		704.0	22.95	22.33	21.12			
	1RB-Low (0)	711.0	22.92	22.36	21.21			
		707.5	22.86	22.23	21.28			
		704.0	22.86	22.40	20.98			
	25RB-High (25)	711.0	22.09	21.09	20.07	23.3	22.3	21.3
		707.5	22.07	21.11	20.08			
		704.0	22.06	21.05	20.05			
	25RB-Middle (12)	711.0	21.98	21.04	19.99			
		707.5	22.03	21.05	19.98			
		704.0	22.08	21.05	20.05			
	25RB-Low (0)	711.0	21.98	21.00	19.95			
		707.5	22.01	21.02	19.96			
		704.0	21.93	20.97	19.91			
	50RB (0)	711.0	22.00	21.00	19.98			
		707.5	22.02	21.01	19.98			
		704.0	22.07	21.05	20.04			

Ant.0 - LTE Band 12 Power Level DS12/DS11

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	715.3	23.12	22.60	21.57	24.5	23.5	22.5
		707.5	23.19	22.57	21.48			
		699.7	23.16	22.48	21.16			
	1RB-Middle (3)	715.3	23.19	22.66	21.47			
		707.5	23.23	22.60	21.46			
		699.7	23.19	22.53	21.30			
	1RB-Low (0)	715.3	23.18	22.46	21.62			
		707.5	23.18	22.53	21.58			
		699.7	23.10	22.44	21.39			
	3RB-High (3)	715.3	23.22	22.41	21.30			
		707.5	23.20	22.33	21.39			
		699.7	23.20	22.31	21.31			
	3RB-Middle (1)	715.3	23.17	22.38	21.46			
		707.5	23.23	22.40	21.42			
		699.7	23.16	22.31	21.28			
	3RB-Low (0)	715.3	23.20	22.39	21.45			
		707.5	23.18	22.38	21.53			
		699.7	23.17	22.35	21.33			
	6RB (0)	715.3	22.24	21.33	20.38	23.5	22.5	21.5
		707.5	22.17	21.18	20.29			
		699.7	22.13	21.19	20.30			
3MHz	1RB-High (14)	714.5	23.16	22.65	21.55	24.5	23.5	22.5
		707.5	23.24	22.41	21.36			
		700.5	23.12	22.39	21.44			
	1RB-Middle (7)	714.5	23.24	22.68	21.62			
		707.5	23.27	22.65	21.51			
		700.5	23.17	22.65	21.56			
	1RB-Low (0)	714.5	23.16	22.46	21.39			
		707.5	23.17	22.50	21.50			
		700.5	23.05	22.35	21.30			
	8RB-High (7)	714.5	22.30	21.40	20.47	23.5	22.5	21.5
		707.5	22.32	21.35	20.40			
		700.5	22.21	21.25	20.26			
	8RB-Middle (4)	714.5	22.33	21.38	20.49			
		707.5	22.26	21.27	20.32			
		700.5	22.26	21.31	20.33			
	8RB-Low (0)	714.5	22.19	21.27	20.30			
		707.5	22.25	21.34	20.40			
		700.5	22.14	21.12	20.21			
	15RB (0)	714.5	22.18	21.21	20.29			
		707.5	22.26	21.25	20.31			
		700.5	22.17	21.22	20.25			
5MHz	1RB-High (24)	713.5	23.17	22.85	21.50	24.5	23.5	22.5
		707.5	23.22	22.49	21.37			
		701.5	23.17	22.57	21.41			
	1RB-Middle (12)	713.5	23.21	22.55	21.51			
		707.5	23.31	22.87	21.66			
		701.5	23.19	22.59	21.61			
	1RB-Low (0)	713.5	23.20	22.59	21.34			
		707.5	23.19	22.46	21.46			
		701.5	23.11	22.59	21.49			
	12RB-High (13)	713.5	22.30	21.35	20.42	23.5	22.5	21.5
		707.5	22.38	21.41	20.39			
		701.5	22.31	21.34	20.40			
	12RB-Middle (6)	713.5	22.34	21.36	20.44			
		707.5	22.30	21.36	20.42			
		701.5	22.31	21.36	20.34			
	12RB-Low (0)	713.5	22.22	21.23	20.37			
		707.5	22.27	21.28	20.31			
		701.5	22.17	21.23	20.27			
	25RB (0)	713.5	22.28	21.30	20.40			
		707.5	22.27	21.24	20.29			
		701.5	22.29	21.27	20.34			
10MHz	1RB-High (49)	711.0	23.31	22.65	21.49	24.5	23.5	22.5
		707.5	23.28	22.60	21.69			
		704.0	23.29	22.77	21.39			
	1RB-Middle (24)	711.0	23.34	22.77	21.59			
		707.5	23.33	22.64	21.58			
		704.0	23.31	22.43	21.43			
	1RB-Low (0)	711.0	23.24	22.61	21.52			
		707.5	23.18	22.58	21.62			
		704.0	23.17	22.38	21.48			
	25RB-High (25)	711.0	22.41	21.42	20.46	23.5	22.5	21.5
		707.5	22.40	21.45	20.41			
		704.0	22.30	21.34	20.41			
	25RB-Middle (12)	711.0	22.29	21.32	20.37			
		707.5	22.35	21.33	20.41			
		704.0	22.33	21.36	20.42			
	25RB-Low (0)	711.0	22.28	21.30	20.31			
		707.5	22.26	21.27	20.33			
		704.0	22.27	21.24	20.24			
	50RB (0)	711.0	22.34	21.32	20.42			
		707.5	22.30	21.31	20.36			
		704.0	22.34	21.34	20.39			

Ant.1 - LTE Band 13 Power Level DSI2/DSI1

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	784.5	23.08	22.39	21.20	24.3	23.3	22.3
		782.0	23.09	22.52	21.48			
		779.5	23.11	22.49	21.34			
	1RB-Middle (12)	784.5	23.10	22.48	21.52			
		782.0	23.20	22.37	21.39			
		779.5	23.08	22.35	21.58			
	1RB-Low (0)	784.5	23.08	22.47	21.12			
		782.0	23.08	22.65	21.40			
		779.5	23.01	22.42	21.30			
	12RB-High (13)	784.5	22.10	21.15	20.17	23.3	22.3	21.3
		782.0	22.15	21.24	20.21			
		779.5	22.13	21.23	20.14			
	12RB-Middle (6)	784.5	22.09	21.11	20.10			
		782.0	22.12	21.16	20.14			
		779.5	22.16	21.17	20.20			
	12RB-Low (0)	784.5	22.06	21.11	20.13			
		782.0	22.11	21.12	20.12			
		779.5	22.04	21.05	20.04			
	25RB (0)	784.5	22.06	21.03	20.04			
		782.0	22.08	21.10	20.07			
		779.5	22.14	21.19	20.13			
10MHz	1RB-High (49)	782.0	23.07	22.38	21.18	24.3	23.3	22.3
	1RB-Middle (24)	782.0	23.11	22.65	21.34			
	1RB-Low (0)	782.0	23.05	22.39	21.25			
	25RB-High (25)	782.0	22.17	21.22	20.13	23.3	22.3	21.3
	25RB-Middle (12)	782.0	22.18	21.19	20.16			
	25RB-Low (0)	782.0	22.10	21.10	20.13			
	50RB (0)	782.0	22.10	21.14	20.13			

Ant.0 - LTE Band 13 Power Level DSI2/DSI1

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	784.5	23.34	22.69	21.53	24.5	23.5	22.5
		782.0	23.34	22.75	21.74			
		779.5	23.30	22.67	21.58			
	1RB-Middle (12)	784.5	23.40	22.72	21.70			
		782.0	23.36	22.77	21.63			
		779.5	23.31	22.59	21.57			
	1RB-Low (0)	784.5	23.33	22.61	21.69			
		782.0	23.32	22.79	21.71			
		779.5	23.24	22.71	21.55			
	12RB-High (13)	784.5	22.36	21.40	20.46	23.5	22.5	21.5
		782.0	22.42	21.43	20.44			
		779.5	22.37	21.47	20.52			
	12RB-Middle (6)	784.5	22.32	21.37	20.45			
		782.0	22.38	21.41	20.41			
		779.5	22.37	21.39	20.43			
	12RB-Low (0)	784.5	22.28	21.37	20.40			
		782.0	22.33	21.36	20.40			
		779.5	22.30	21.35	20.38			
	25RB (0)	784.5	22.29	21.32	20.39			
		782.0	22.33	21.33	20.44			
		779.5	22.35	21.37	20.46			
10MHz	1RB-High (49)	782.0	23.36	22.67	21.54	24.5	23.5	22.5
	1RB-Middle (24)	782.0	23.38	22.63	21.57			
	1RB-Low (0)	782.0	23.29	22.65	21.78			
	25RB-High (25)	782.0	22.39	21.37	20.54	23.5	22.5	21.5
	25RB-Middle (12)	782.0	22.36	21.38	20.46			
	25RB-Low (0)	782.0	22.31	21.39	20.42			
	50RB (0)	782.0	22.32	21.35	20.42			
		782.0	22.32	21.35	20.42			

Ant.1 - LTE Band 26 Power Level DS12/DS11

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	848.3	23.26	22.55	21.26	24.3	23.3	22.3
		831.5	23.30	22.77	21.48			
		814.7	23.27	22.62	21.34			
	1RB-Middle (3)	848.3	23.31	22.46	21.36			
		831.5	23.32	22.44	21.41			
		814.7	23.31	22.56	21.23			
	1RB-Low (0)	848.3	23.20	22.64	21.31			
		831.5	23.21	22.63	21.45			
		814.7	23.34	22.56	21.51			
	3RB-High (3)	848.3	23.30	22.33	21.30			
		831.5	23.28	22.57	21.32			
		814.7	23.30	22.44	21.38			
	3RB-Middle (1)	848.3	23.29	22.40	21.28			
		831.5	23.34	22.45	21.39			
		814.7	23.33	22.56	21.46			
	3RB-Low (0)	848.3	23.32	22.33	21.18			
		831.5	23.25	22.30	21.25			
		814.7	23.30	22.38	21.37			
	6RB (0)	848.3	22.29	21.36	20.22	23.3	22.3	21.3
		831.5	22.33	21.40	20.29			
		814.7	22.35	21.42	20.33			
3MHz	1RB-High (14)	847.5	23.03	22.59	21.31	24.3	23.3	22.3
		831.5	23.15	22.66	21.35			
		815.5	23.24	22.68	21.30			
	1RB-Middle (7)	847.5	23.13	22.41	21.32			
		831.5	23.22	22.65	21.60			
		815.5	23.24	22.83	21.61			
	1RB-Low (0)	847.5	23.05	22.54	21.14			
		831.5	23.14	22.44	21.46			
		815.5	23.14	22.63	21.48			
	8RB-High (7)	847.5	22.17	21.28	20.25	23.3	22.3	21.3
		831.5	22.24	21.35	20.30			
		815.5	22.28	21.41	20.25			
	8RB-Middle (4)	847.5	22.19	21.28	20.27			
		831.5	22.29	21.43	20.30			
		815.5	22.30	21.47	20.41			
	8RB-Low (0)	847.5	22.08	21.21	20.17			
		831.5	22.19	21.22	20.15			
		815.5	22.18	21.39	20.35			
	15RB (0)	847.5	22.18	21.23	20.29			
		831.5	22.16	21.20	20.25			
		815.5	22.18	21.30	20.33			
5MHz	1RB-High (24)	846.5	23.17	22.41	21.57	24.3	23.3	22.3
		831.5	23.19	22.55	21.47			
		816.5	23.22	22.43	21.47			
	1RB-Middle (12)	846.5	23.17	22.55	21.21			
		831.5	23.28	22.65	21.51			
		816.5	23.25	22.55	21.39			
	1RB-Low (0)	846.5	23.14	22.47	21.76			
		831.5	23.16	22.42	21.51			
		816.5	23.18	22.40	21.36			
	12RB-High (13)	846.5	22.19	21.20	20.25	23.3	22.3	21.3
		831.5	22.26	21.33	20.29			
		816.5	22.26	21.34	20.27			
	12RB-Middle (6)	846.5	22.20	21.29	20.26			
		831.5	22.22	21.24	20.26			
		816.5	22.32	21.37	20.39			
	12RB-Low (0)	846.5	22.12	21.12	20.13			
		831.5	22.16	21.19	20.22			
		816.5	22.16	21.26	20.21			
	25RB (0)	846.5	22.19	21.15	20.29			
		831.5	22.18	21.17	20.19			
		816.5	22.25	21.25	20.27			
10MHz	1RB-High (49)	844.0	23.16	22.47	21.40	24.3	23.3	22.3
		831.5	23.27	22.68	21.45			
		819.0	23.28	22.57	21.54			
	1RB-Middle (24)	844.0	23.12	22.62	21.46			
		831.5	23.22	22.63	21.49			
		819.0	23.29	22.64	21.52			
	1RB-Low (0)	844.0	23.17	22.37	21.66			
		831.5	23.16	22.60	21.44			
		819.0	23.21	22.55	21.65			
	25RB-High (25)	844.0	22.25	21.21	20.24	23.3	22.3	21.3
		831.5	22.28	21.28	20.29			
		819.0	22.28	21.31	20.30			
	25RB-Middle (12)	844.0	22.18	21.16	20.19			
		831.5	22.22	21.30	20.30			
		819.0	22.26	21.29	20.35			
	25RB-Low (0)	844.0	22.16	21.17	20.13			
		831.5	22.20	21.19	20.26			
		819.0	22.19	21.21	20.27			
	50RB (0)	844.0	22.17	21.12	20.19			
		831.5	22.21	21.22	20.22			
		819.0	22.27	21.30	20.27			
15MHz	1RB-High (74)	841.5	23.05	22.35	21.31	24.3	23.3	22.3
		831.5	23.05	22.27	21.29			
		821.5	23.11	22.52	21.54			
	1RB-Middle (37)	841.5	22.95	22.35	21.40			
		831.5	23.04	22.33	21.37			
		821.5	23.03	22.44	21.44			
	1RB-Low (0)	841.5	22.94	22.41	21.05			
		831.5	22.93	22.21	21.21			
		821.5	23.01	22.19	21.13			
	36RB-High (38)	841.5	22.08	21.16	20.18	23.3	22.3	21.3
		831.5	22.17	21.20	20.20			
		821.5	22.21	21.18	20.18			
	36RB-Middle (19)	841.5	22.04	20.99	20.09			
		831.5	22.10	21.10	20.13			
		821.5	22.23	21.17	20.18			
	36RB-Low (0)	841.5	22.05	21.05	20.02			
		831.5	22.10	21.08	20.11			
		821.5	22.06	21.13	20.10			
	75RB (0)	841.5	22.10	21.07	20.08			
		831.5	22.11	21.11	20.08			
		821.5	22.17	21.18	20.17			



Ant.0 - LTE Band 26 Power Level DS12/DS11

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	848.3	23.56	22.66	21.62	24.5	23.5	22.5
		831.5	23.55	22.79	21.81			
		814.7	23.53	22.91	21.88			
	1RB-Middle (3)	848.3	23.57	22.84	21.86			
		831.5	23.60	22.75	21.75			
		814.7	23.60	22.91	21.75			
	1RB-Low (0)	848.3	23.53	22.72	21.61			
		831.5	23.46	22.87	21.76			
		814.7	23.50	23.04	21.79			
	3RB-High (3)	848.3	23.54	22.64	21.65			
		831.5	23.58	22.65	21.69			
		814.7	23.61	22.71	21.74			
	3RB-Middle (1)	848.3	23.54	22.66	21.56			
		831.5	23.59	22.77	21.71			
		814.7	23.59	22.76	21.77			
	3RB-Low (0)	848.3	23.52	22.69	21.65			
		831.5	23.48	22.71	21.51			
		814.7	23.64	22.73	21.74			
	6RB (0)	848.3	22.53	21.58	20.63	23.5	22.5	21.5
		831.5	22.59	21.65	20.67			
		814.7	22.60	21.68	20.59			
3MHz	1RB-High (14)	847.5	23.39	22.79	21.54	24.5	23.5	22.5
		831.5	23.42	22.85	21.66			
		815.5	23.48	23.53	21.72			
	1RB-Middle (7)	847.5	23.40	22.86	21.89			
		831.5	23.46	22.93	21.70			
		815.5	23.60	23.60	21.78			
	1RB-Low (0)	847.5	23.38	22.84	21.77			
		831.5	23.40	22.85	21.72			
		815.5	23.47	23.56	21.89			
	8RB-High (7)	847.5	22.49	21.66	20.59	23.5	22.5	21.5
		831.5	22.51	21.67	20.66			
		815.5	22.60	21.67	20.67			
	8RB-Middle (4)	847.5	22.47	21.69	20.65			
		831.5	22.56	21.70	20.63			
		815.5	22.65	21.78	20.65			
	8RB-Low (0)	847.5	22.39	21.57	20.55			
		831.5	22.44	21.69	20.57			
		815.5	22.57	21.74	20.57			
	15RB (0)	847.5	22.47	21.57	20.64			
		831.5	22.47	21.53	20.55			
		815.5	22.54	21.67	20.60			
5MHz	1RB-High (24)	846.5	23.43	22.82	21.81	24.5	23.5	22.5
		831.5	23.45	22.91	21.69			
		816.5	23.44	22.89	21.76			
	1RB-Middle (12)	846.5	23.43	22.85	21.95			
		831.5	23.52	22.99	21.84			
		816.5	23.54	22.91	21.77			
	1RB-Low (0)	846.5	23.38	22.77	21.78			
		831.5	23.46	22.80	21.75			
		816.5	23.45	22.67	21.74			
	12RB-High (13)	846.5	22.47	21.45	20.63	23.5	22.5	21.5
		831.5	22.55	21.59	20.61			
		816.5	22.56	21.53	20.72			
	12RB-Middle (6)	846.5	22.52	21.50	20.89			
		831.5	22.48	21.56	20.58			
		816.5	22.54	21.59	20.72			
	12RB-Low (0)	846.5	22.38	21.44	20.51			
		831.5	22.45	21.50	20.56			
		816.5	22.45	21.49	20.57			
	25RB (0)	846.5	22.46	21.51	20.60			
		831.5	22.47	21.44	20.55			
		816.5	22.56	21.55	20.64			
10MHz	1RB-High (49)	844.0	23.48	22.75	21.58	24.5	23.5	22.5
		831.5	23.40	22.86	21.88			
		819.0	23.45	22.84	21.65			
	1RB-Middle (24)	844.0	23.46	22.91	21.65			
		831.5	23.42	22.87	21.73			
		819.0	23.48	22.76	21.81			
	1RB-Low (0)	844.0	23.44	22.83	21.85			
		831.5	23.45	22.74	21.74			
		819.0	23.50	22.80	21.85			
	25RB-High (25)	844.0	22.50	21.50	20.65	23.5	22.5	21.5
		831.5	22.53	21.58	20.65			
		819.0	22.51	21.56	20.68			
	25RB-Middle (12)	844.0	22.45	21.42	20.55			
		831.5	22.48	21.46	20.56			
		819.0	22.53	21.59	20.66			
	25RB-Low (0)	844.0	22.40	21.44	20.54			
		831.5	22.45	21.47	20.61			
		819.0	22.39	21.40	20.53			
	50RB (0)	844.0	22.40	21.39	20.55			
		831.5	22.46	21.47	20.58			
		819.0	22.53	21.53	20.66			
15MHz	1RB-High (74)	841.5	23.21	22.73	21.68	24.5	23.5	22.5
		831.5	23.23	22.54	21.86			
		821.5	23.30	22.66	21.69			
	1RB-Middle (37)	841.5	23.28	22.58	21.49			
		831.5	23.33	22.60	21.70			
		821.5	23.31	22.62	21.62			
	1RB-Low (0)	841.5	23.27	22.34	21.58			
		831.5	23.19	22.54	21.51			
		821.5	23.18	22.47	21.83			
	36RB-High (38)	841.5	22.37	21.43	20.49	23.5	22.5	21.5
		831.5	22.43	21.40	20.53			
		821.5	22.45	21.44	20.58			
	36RB-Middle (19)	841.5	22.25	21.29	20.38			
		831.5	22.35	21.31	20.43			
		821.5	22.41	21.40	20.51			
	36RB-Low (0)	841.5	22.31	21.31	20.38			
		831.5	22.36	21.31	20.46			
		821.5	22.32	21.31	20.46			
	75RB (0)	841.5	22.33	21.31	20.45			
		831.5	22.28	21.38	20.44			
		821.5	22.39	21.46	20.51			

Ant.1 - LTE Band 38 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2617.5	18.80	18.93	18.71	19.8	19.8	19.8
		2595.0	18.83	18.86	18.71			
		2572.5	18.66	18.82	18.71			
	1RB-Middle (12)	2617.5	18.93	18.90	18.80			
		2595.0	18.83	18.81	18.91			
		2572.5	18.76	18.74	18.65			
	1RB-Low (0)	2617.5	18.85	18.85	18.74			
		2595.0	18.81	18.81	18.81			
		2572.5	18.65	18.72	18.59			
	12RB-High (13)	2617.5	18.87	18.88	18.88	19.8	19.8	19.8
		2595.0	18.86	18.86	18.82			
		2572.5	18.75	18.68	18.75			
	12RB-Middle (6)	2617.5	18.89	18.81	18.82			
		2595.0	18.88	18.90	18.91			
		2572.5	18.81	18.69	18.76			
	12RB-Low (0)	2617.5	18.86	18.75	18.81			
		2595.0	18.84	18.85	18.91			
		2572.5	18.75	18.69	18.61			
	25RB (0)	2617.5	18.88	18.83	18.86			
		2595.0	18.83	18.82	18.85			
		2572.5	18.73	18.71	18.74			
10MHz	1RB-High (49)	2615.0	18.84	18.89	19.04	19.8	19.8	19.8
		2595.0	18.88	18.85	18.92			
		2575.0	18.71	18.68	18.66			
	1RB-Middle (24)	2615.0	18.85	18.87	18.94			
		2595.0	18.90	18.67	18.79			
		2575.0	18.84	18.58	18.72			
	1RB-Low (0)	2615.0	18.91	18.83	18.60			
		2595.0	18.76	18.80	18.94			
		2575.0	18.73	18.77	18.80			
	25RB-High (25)	2615.0	18.88	18.93	18.90	19.8	19.8	19.8
		2595.0	18.88	18.90	18.93			
		2575.0	18.78	18.76	18.78			
	25RB-Middle (12)	2615.0	18.89	18.92	18.95			
		2595.0	18.87	18.86	18.92			
		2575.0	18.80	18.78	18.82			
	25RB-Low (0)	2615.0	18.90	18.89	18.88			
		2595.0	18.78	18.87	18.80			
		2575.0	18.77	18.80	18.80			
	50RB (0)	2615.0	18.86	18.84	18.90			
		2595.0	18.81	18.78	18.81			
		2575.0	18.78	18.76	18.80			
15MHz	1RB-High (74)	2612.5	18.71	18.57	18.57	19.8	19.8	19.8
		2595.0	18.56	18.77	18.65			
		2577.5	18.57	18.48	18.59			
	1RB-Middle (37)	2612.5	18.75	18.59	18.58			
		2595.0	18.66	18.66	18.65			
		2577.5	18.67	18.50	18.63			
	1RB-Low (0)	2612.5	18.72	18.51	18.76			
		2595.0	18.57	18.60	18.70			
		2577.5	18.56	18.66	18.45			
	36RB-High (38)	2612.5	18.77	18.78	18.82	19.8	19.8	19.8
		2595.0	18.76	18.72	18.80			
		2577.5	18.68	18.68	18.74			
	36RB-Middle (19)	2612.5	18.74	18.71	18.80			
		2595.0	18.65	18.61	18.64			
		2577.5	18.66	18.68	18.69			
	36RB-Low (0)	2612.5	18.74	18.71	18.77			
		2595.0	18.67	18.59	18.67			
		2577.5	18.68	18.68	18.68			
	75RB (0)	2612.5	18.75	18.74	18.78			
		2595.0	18.69	18.72	18.64			
		2577.5	18.70	18.70	18.71			
20MHz	1RB-High (99)	2610.0	18.73	18.71	18.55	19.8	19.8	19.8
		2595.0	18.65	18.87	18.58			
		2580.0	18.69	18.66	18.59			
	1RB-Middle (50)	2610.0	18.78	19.02	18.85			
		2595.0	18.77	18.82	18.56			
		2580.0	18.70	18.65	18.62			
	1RB-Low (0)	2610.0	18.59	18.64	18.58			
		2595.0	18.59	18.55	18.44			
		2580.0	18.68	18.63	18.43			
	50RB-High (50)	2610.0	18.81	18.79	18.78	19.8	19.8	19.8
		2595.0	18.80	18.78	18.75			
		2580.0	18.74	18.73	18.69			
	50RB-Middle (25)	2610.0	18.76	18.76	18.74			
		2595.0	18.67	18.66	18.67			
		2580.0	18.69	18.67	18.66			
	50RB-Low (0)	2610.0	18.78	18.73	18.70			
		2595.0	18.63	18.63	18.64			
		2580.0	18.57	18.53	18.55			
	100RB (0)	2610.0	18.79	18.73	18.76			
		2595.0	18.66	18.66	18.62			
		2580.0	18.66	18.71	18.69			

Ant.1 - LTE Band 38 Power Level DS14

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2617.5	18.17	18.25	17.96	18.8	18.8	18.8
		2595.0	18.16	18.09	17.96			
		2572.5	18.06	17.99	18.04			
	1RB-Middle (12)	2617.5	18.18	18.32	18.02			
		2595.0	18.21	18.18	17.84			
		2572.5	18.09	18.09	18.21			
	1RB-Low (0)	2617.5	18.15	18.38	18.03			
		2595.0	18.12	18.07	17.75			
		2572.5	18.01	18.05	17.99			
	12RB-High (13)	2617.5	18.19	18.23	18.20	18.8	18.8	18.8
		2595.0	18.17	18.23	18.06			
		2572.5	18.07	18.07	17.91			
	12RB-Middle (6)	2617.5	18.21	18.27	18.13			
		2595.0	18.24	18.22	18.07			
		2572.5	18.08	18.07	18.09			
	12RB-Low (0)	2617.5	18.20	18.13	18.08			
		2595.0	18.16	18.03	17.99			
		2572.5	18.08	18.15	17.91			
	25RB (0)	2617.5	18.16	18.24	18.03			
		2595.0	18.17	18.19	18.05			
		2572.5	18.04	18.04	17.92			
10MHz	1RB-High (49)	2615.0	18.17	18.04	17.99	18.8	18.8	18.8
		2595.0	18.19	18.23	17.94			
		2575.0	18.11	18.06	17.99			
	1RB-Middle (24)	2615.0	18.19	18.24	18.10			
		2595.0	18.22	18.22	18.11			
		2575.0	18.08	18.17	17.85			
	1RB-Low (0)	2615.0	18.16	18.20	17.97	18.8	18.8	18.8
		2595.0	18.09	18.23	17.90			
		2575.0	18.05	18.01	17.72			
	25RB-High (25)	2615.0	18.22	18.23	18.10			
		2595.0	18.23	18.20	18.11			
		2575.0	18.12	18.08	18.01			
	25RB-Middle (12)	2615.0	18.24	18.27	18.10			
		2595.0	18.23	18.24	18.15			
		2575.0	18.15	18.14	18.00			
	25RB-Low (0)	2615.0	18.21	18.25	18.09			
		2595.0	18.07	18.18	18.00			
		2575.0	18.10	18.14	17.94			
	50RB (0)	2615.0	18.21	18.25	18.11			
		2595.0	18.16	18.15	18.01			
		2575.0	18.11	18.12	18.01			
15MHz	1RB-High (74)	2612.5	18.01	18.23	17.86	18.8	18.8	18.8
		2595.0	18.00	17.98	17.92			
		2577.5	17.90	18.07	17.77			
	1RB-Middle (37)	2612.5	17.99	18.15	17.90			
		2595.0	18.03	18.00	17.79			
		2577.5	17.88	17.99	17.80			
	1RB-Low (0)	2612.5	18.03	17.94	17.70	18.8	18.8	18.8
		2595.0	17.87	17.94	17.80			
		2577.5	17.93	17.85	17.64			
	36RB-High (38)	2612.5	18.10	18.12	17.98			
		2595.0	18.12	18.08	18.00			
		2577.5	18.06	18.04	17.93			
	36RB-Middle (19)	2612.5	18.08	18.10	17.94			
		2595.0	18.03	17.99	17.90			
		2577.5	18.05	18.00	17.88			
	36RB-Low (0)	2612.5	18.10	18.12	17.96			
		2595.0	17.97	17.97	17.87			
		2577.5	17.96	17.98	17.87			
	75RB (0)	2612.5	18.11	18.09	17.93			
		2595.0	18.00	18.04	17.89			
		2577.5	17.99	18.06	17.85			
20MHz	1RB-High (99)	2610.0	18.00	18.13	17.76	18.8	18.8	18.8
		2595.0	18.01	17.92	17.67			
		2580.0	17.98	18.06	17.81			
	1RB-Middle (50)	2610.0	18.05	18.04	17.87			
		2595.0	18.02	18.17	18.01			
		2580.0	17.99	18.08	17.98			
	1RB-Low (0)	2610.0	17.99	18.09	17.91	18.8	18.8	18.8
		2595.0	17.90	17.92	17.85			
		2580.0	17.91	17.82	17.80			
	50RB-High (50)	2610.0	18.13	18.07	18.00			
		2595.0	18.12	18.08	18.03			
		2580.0	18.04	18.06	17.94			
	50RB-Middle (25)	2610.0	18.06	18.11	18.00			
		2595.0	18.01	18.02	17.92			
		2580.0	18.02	18.01	17.96			
	50RB-Low (0)	2610.0	18.08	18.05	17.97			
		2595.0	17.98	17.99	17.88			
		2580.0	17.90	17.88	17.79			
	100RB (0)	2610.0	18.11	18.04	17.97			
		2595.0	18.02	18.00	17.91			
		2580.0	18.03	18.03	17.88			



Ant.1 - LTE Band 38 Power Level DS11

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2617.5	21.96	21.45	20.38	22.6	22.4	21.4
		2595.0	21.86	21.50	20.45			
		2572.5	21.80	21.35	20.34			
	1RB-Middle (12)	2617.5	22.02	21.65	20.69			
		2595.0	22.01	21.48	20.62			
		2572.5	21.81	21.39	20.50			
	1RB-Low (0)	2617.5	21.90	21.54	20.59			
		2595.0	21.86	21.59	20.52			
		2572.5	21.78	21.25	20.28			
	12RB-High (13)	2617.5	21.55	20.52	19.57	22.4	21.4	20.4
		2595.0	21.59	20.56	19.58			
		2572.5	21.43	20.46	19.47			
	12RB-Middle (6)	2617.5	21.59	20.55	19.64			
		2595.0	21.55	20.67	19.67			
		2572.5	21.47	20.45	19.64			
	12RB-Low (0)	2617.5	21.54	20.56	19.63			
		2595.0	21.53	20.51	19.53			
		2572.5	21.41	20.43	19.39			
	25RB (0)	2617.5	21.51	20.59	19.61			
		2595.0	21.53	20.50	19.56			
		2572.5	21.48	20.35	19.39			
10MHz	1RB-High (49)	2615.0	21.93	21.46	20.51	22.6	22.4	21.4
		2595.0	22.01	21.61	20.59			
		2575.0	21.83	21.53	20.39			
	1RB-Middle (24)	2615.0	21.94	21.43	20.70			
		2595.0	21.90	21.60	20.41			
		2575.0	21.90	21.46	20.30			
	1RB-Low (0)	2615.0	21.91	21.48	20.74	22.4	21.4	20.4
		2595.0	21.86	21.49	20.46			
		2575.0	21.79	21.33	20.28			
	25RB-High (25)	2615.0	21.57	20.60	19.61			
		2595.0	21.57	20.58	19.66			
		2575.0	21.46	20.47	19.55			
	25RB-Middle (12)	2615.0	21.56	20.54	19.67			
		2595.0	21.54	20.58	19.62			
		2575.0	21.48	20.48	19.56			
	25RB-Low (0)	2615.0	21.55	20.52	19.61			
		2595.0	21.47	20.41	19.52			
		2575.0	21.45	20.44	19.47			
	50RB (0)	2615.0	21.56	20.53	19.61			
		2595.0	21.45	20.46	19.56			
		2575.0	21.49	20.46	19.49			
15MHz	1RB-High (74)	2612.5	21.86	21.33	20.24	22.6	22.4	21.4
		2595.0	21.73	21.28	20.26			
		2577.5	21.68	21.32	20.37			
	1RB-Middle (37)	2612.5	21.74	21.33	20.23			
		2595.0	21.73	21.43	20.30			
		2577.5	21.66	21.33	20.23			
	1RB-Low (0)	2612.5	21.77	21.37	20.33	22.4	21.4	20.4
		2595.0	21.64	21.35	20.34			
		2577.5	21.66	21.34	20.32			
	36RB-High (38)	2612.5	21.46	20.43	19.50			
		2595.0	21.49	20.44	19.49			
		2577.5	21.41	20.43	19.42			
	36RB-Middle (19)	2612.5	21.45	20.44	19.53			
		2595.0	21.35	20.39	19.38			
		2577.5	21.39	20.39	19.45			
	36RB-Low (0)	2612.5	21.47	20.43	19.52			
		2595.0	21.35	20.36	19.38			
		2577.5	21.32	20.34	19.37			
	75RB (0)	2612.5	21.46	20.51	19.51			
		2595.0	21.33	20.35	19.39			
		2577.5	21.37	20.34	19.43			
20MHz	1RB-High (99)	2610.0	21.79	21.47	20.44	22.6	22.4	21.4
		2595.0	21.76	21.50	20.15			
		2580.0	21.69	21.31	20.24			
	1RB-Middle (50)	2610.0	21.84	21.51	20.42			
		2595.0	21.77	21.30	20.51			
		2580.0	21.78	21.42	20.33			
	1RB-Low (0)	2610.0	21.77	21.32	20.43	22.4	21.4	20.4
		2595.0	21.69	21.21	20.40			
		2580.0	21.66	21.30	20.11			
	50RB-High (50)	2610.0	21.46	20.46	19.43			
		2595.0	21.44	20.43	19.50			
		2580.0	21.45	20.43	19.47			
	50RB-Middle (25)	2610.0	21.49	20.47	19.50			
		2595.0	21.36	20.39	19.40			
		2580.0	21.40	20.36	19.44			
	50RB-Low (0)	2610.0	21.45	20.45	19.48			
		2595.0	21.39	20.37	19.35			
		2580.0	21.29	20.23	19.29			
	100RB (0)	2610.0	21.45	20.47	19.44			
		2595.0	21.37	20.39	19.42			
		2580.0	21.40	20.40	19.43			

Ant.4 - LTE Band 38 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2617.5	22.95	22.05	21.07	24.0	23.0	22.0
		2595.0	22.99	21.92	20.96			
		2572.5	22.86	21.83	20.75			
	1RB-Middle (12)	2617.5	22.99	22.02	21.12			
		2595.0	22.98	21.97	21.10			
		2572.5	22.91	22.00	21.20			
	1RB-Low (0)	2617.5	22.93	22.01	21.06			
		2595.0	22.88	22.12	21.17			
		2572.5	22.87	21.93	20.91			
	12RB-High (13)	2617.5	21.98	21.08	20.05	23.0	22.0	21.0
		2595.0	22.01	21.01	20.09			
		2572.5	21.93	20.90	19.91			
	12RB-Middle (6)	2617.5	22.01	20.95	20.06			
		2595.0	21.99	21.03	20.14			
		2572.5	21.97	20.98	20.05			
	12RB-Low (0)	2617.5	21.97	20.98	20.15			
		2595.0	21.96	20.97	20.14			
		2572.5	21.94	20.94	20.01			
	25RB (0)	2617.5	21.96	20.97	20.09			
		2595.0	21.98	21.01	20.08			
		2572.5	21.94	20.81	20.00			
10MHz	1RB-High (49)	2615.0	22.95	21.96	21.20	24.0	23.0	22.0
		2595.0	22.99	21.99	21.11			
		2575.0	22.91	21.91	21.03			
	1RB-Middle (24)	2615.0	23.04	21.95	21.05			
		2595.0	23.03	22.04	21.03			
		2575.0	22.89	22.02	21.03			
	1RB-Low (0)	2615.0	22.98	21.87	20.89	23.0	22.0	21.0
		2595.0	22.88	21.98	20.87			
		2575.0	22.83	21.88	20.84			
	25RB-High (25)	2615.0	21.99	20.97	20.11			
		2595.0	21.99	20.99	20.12			
		2575.0	21.94	20.91	20.02			
	25RB-Middle (12)	2615.0	22.00	20.98	20.11			
		2595.0	22.00	21.05	20.15			
		2575.0	21.94	20.94	20.08			
	25RB-Low (0)	2615.0	21.96	20.96	20.07			
		2595.0	21.90	20.88	19.99			
		2575.0	21.91	20.88	20.04			
	50RB (0)	2615.0	22.00	21.00	20.07			
		2595.0	21.92	20.93	20.04			
		2575.0	21.93	20.93	20.06			
15MHz	1RB-High (74)	2612.5	22.78	21.86	20.72	24.0	23.0	22.0
		2595.0	22.71	22.02	20.79			
		2577.5	22.65	21.77	20.71			
	1RB-Middle (37)	2612.5	22.77	22.01	20.92			
		2595.0	22.76	21.90	20.93			
		2577.5	22.76	21.79	20.92			
	1RB-Low (0)	2612.5	22.78	21.95	20.65	23.0	22.0	21.0
		2595.0	22.68	21.74	21.01			
		2577.5	22.74	21.85	20.64			
	36RB-High (38)	2612.5	21.90	20.86	19.97			
		2595.0	21.92	20.90	19.99			
		2577.5	21.86	20.85	19.93			
	36RB-Middle (19)	2612.5	21.88	20.85	19.95			
		2595.0	21.78	20.80	19.88			
		2577.5	21.81	20.84	19.91			
	36RB-Low (0)	2612.5	21.87	20.85	19.98			
		2595.0	21.81	20.76	19.92			
		2577.5	21.80	20.77	19.90			
	75RB (0)	2612.5	21.87	20.91	19.97			
		2595.0	21.79	20.81	19.92			
		2577.5	21.84	20.85	19.94			
20MHz	1RB-High (99)	2610.0	22.73	21.86	20.67	24.0	23.0	22.0
		2595.0	22.75	21.78	20.97			
		2580.0	22.73	21.77	20.73			
	1RB-Middle (50)	2610.0	22.82	21.97	20.61			
		2595.0	22.83	21.91	20.87			
		2580.0	22.81	21.71	20.71			
	1RB-Low (0)	2610.0	22.81	21.90	20.83	23.0	22.0	21.0
		2595.0	22.69	21.68	20.76			
		2580.0	22.81	21.71	20.74			
	50RB-High (50)	2610.0	21.92	20.91	20.02			
		2595.0	21.93	20.92	19.96			
		2580.0	21.91	20.90	19.93			
	50RB-Middle (25)	2610.0	21.91	20.89	20.00			
		2595.0	21.80	20.83	19.89			
		2580.0	21.84	20.88	19.97			
	50RB-Low (0)	2610.0	21.88	20.86	19.94			
		2595.0	21.73	20.79	19.88			
		2580.0	21.70	20.75	19.85			
	100RB (0)	2610.0	21.88	20.88	20.02			
		2595.0	21.84	20.82	19.92			
		2580.0	21.87	20.85	19.93			

Ant.4 - LTE Band 38 Power Level DS11

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2617.5	22.31	22.04	21.00	23.0	23.0	22.0
		2595.0	22.30	22.04	20.96			
		2572.5	22.19	21.98	20.85			
	1RB-Middle (12)	2617.5	22.35	22.21	21.15			
		2595.0	22.35	22.28	21.05			
		2572.5	22.30	21.82	21.17			
	1RB-Low (0)	2617.5	22.25	22.36	20.87			
		2595.0	22.23	21.98	20.88			
		2572.5	22.15	21.99	20.80			
	12RB-High (13)	2617.5	22.07	20.97	20.27	23.0	22.0	21.0
		2595.0	22.09	21.12	20.09			
		2572.5	22.05	21.09	20.10			
	12RB-Middle (6)	2617.5	22.08	21.04	20.06			
		2595.0	22.10	21.11	20.15			
		2572.5	22.05	21.09	19.99			
	12RB-Low (0)	2617.5	22.06	21.05	20.06			
		2595.0	22.08	21.06	19.97			
		2572.5	22.06	21.05	20.08			
	25RB (0)	2617.5	22.07	21.06	20.10			
		2595.0	22.07	21.11	20.08			
		2572.5	22.02	21.04	20.01			
10MHz	1RB-High (49)	2615.0	22.29	22.12	20.99	23.0	23.0	22.0
		2595.0	22.31	21.96	20.96			
		2575.0	22.24	22.04	21.06			
	1RB-Middle (24)	2615.0	22.24	22.19	21.03			
		2595.0	22.29	22.02	20.99			
		2575.0	22.27	22.17	20.95			
	1RB-Low (0)	2615.0	22.23	22.08	21.09	23.0	22.0	21.0
		2595.0	22.22	22.20	21.19			
		2575.0	22.09	21.99	20.90			
	25RB-High (25)	2615.0	22.08	21.09	20.09			
		2595.0	22.09	21.10	20.12			
		2575.0	22.03	21.07	20.03			
	25RB-Middle (12)	2615.0	22.08	21.16	20.10			
		2595.0	22.13	21.15	20.18			
		2575.0	22.04	21.07	20.07			
	25RB-Low (0)	2615.0	22.05	21.05	20.10			
		2595.0	22.01	20.98	20.03			
		2575.0	21.99	21.02	20.02			
	50RB (0)	2615.0	22.11	21.12	20.07			
		2595.0	22.02	21.08	20.02			
		2575.0	21.99	21.07	20.07			
15MHz	1RB-High (74)	2612.5	22.07	21.92	20.78	23.0	23.0	22.0
		2595.0	22.01	21.83	20.65			
		2577.5	22.02	21.82	20.76			
	1RB-Middle (37)	2612.5	22.12	21.99	20.88			
		2595.0	22.08	21.98	21.11			
		2577.5	21.99	21.78	20.78			
	1RB-Low (0)	2612.5	22.00	21.76	20.80	23.0	22.0	21.0
		2595.0	22.05	22.13	20.88			
		2577.5	22.05	21.87	21.02			
	36RB-High (38)	2612.5	21.98	20.96	19.96			
		2595.0	21.94	20.99	20.04			
		2577.5	21.95	20.94	19.96			
	36RB-Middle (19)	2612.5	21.94	20.97	19.98			
		2595.0	21.85	20.88	19.91			
		2577.5	21.88	20.90	19.90			
	36RB-Low (0)	2612.5	21.94	20.95	19.94			
		2595.0	21.85	20.87	19.88			
		2577.5	21.89	20.92	19.88			
	75RB (0)	2612.5	21.96	20.96	19.98			
		2595.0	21.88	20.91	19.85			
		2577.5	21.92	20.92	19.89			
20MHz	1RB-High (99)	2610.0	22.04	21.75	20.76	23.0	23.0	22.0
		2595.0	22.04	21.75	21.01			
		2580.0	22.05	21.89	20.72			
	1RB-Middle (50)	2610.0	22.05	21.88	20.70			
		2595.0	22.08	22.01	20.95			
		2580.0	22.06	21.84	20.91			
	1RB-Low (0)	2610.0	22.03	21.93	20.84	23.0	22.0	21.0
		2595.0	22.04	21.84	20.87			
		2580.0	21.98	22.07	20.95			
	50RB-High (50)	2610.0	21.97	20.98	19.99			
		2595.0	21.98	20.97	20.00			
		2580.0	21.97	20.94	20.01			
	50RB-Middle (25)	2610.0	21.96	20.94	19.97			
		2595.0	21.88	20.84	19.94			
		2580.0	21.89	20.96	19.96			
	50RB-Low (0)	2610.0	21.93	20.95	19.98			
		2595.0	21.86	20.84	19.89			
		2580.0	21.82	20.78	19.85			
	100RB (0)	2610.0	21.94	20.93	19.98			
		2595.0	21.90	20.91	19.87			
		2580.0	21.91	20.91	19.93			

Ant.5 - LTE Band 38 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2617.5	19.20	19.33	18.74	20.2	20.2	19.7
		2595.0	19.16	19.29	18.83			
		2572.5	19.16	19.33	18.74			
	1RB-Middle (12)	2617.5	19.20	19.40	18.77			
		2595.0	19.21	19.43	19.17			
		2572.5	19.21	19.29	18.80			
	1RB-Low (0)	2617.5	19.10	19.34	18.69			
		2595.0	19.18	19.28	18.77			
		2572.5	19.14	19.34	18.77			
	12RB-High (13)	2617.5	19.23	18.83	17.78	20.2	19.7	18.7
		2595.0	19.25	18.90	17.84			
		2572.5	19.16	18.85	17.86			
	12RB-Middle (6)	2617.5	19.18	18.84	17.76			
		2595.0	19.12	18.82	17.73			
		2572.5	19.08	18.90	17.80			
	12RB-Low (0)	2617.5	19.25	18.86	17.80			
		2595.0	19.16	18.76	17.69			
		2572.5	19.10	18.82	17.69			
	25RB (0)	2617.5	19.23	18.92	17.80			
		2595.0	19.14	18.77	17.71			
		2572.5	19.19	18.83	17.88			
10MHz	1RB-High (49)	2615.0	19.23	19.28	18.79	20.2	20.2	19.7
		2595.0	19.17	19.29	18.81			
		2575.0	19.13	19.33	18.78			
	1RB-Middle (24)	2615.0	19.20	19.38	18.78			
		2595.0	19.26	19.46	19.18			
		2575.0	19.21	19.28	18.74			
	1RB-Low (0)	2615.0	19.07	19.33	18.66			
		2595.0	19.20	19.27	18.81			
		2575.0	19.17	19.30	18.72			
	25RB-High (25)	2615.0	19.26	18.89	17.72	20.2	19.7	18.7
		2595.0	19.22	18.84	17.84			
		2575.0	19.20	18.85	17.88			
	25RB-Middle (12)	2615.0	19.18	18.80	17.83			
		2595.0	19.14	18.82	17.68			
		2575.0	19.12	18.89	17.87			
	25RB-Low (0)	2615.0	19.25	18.84	17.83			
		2595.0	19.16	18.75	17.67			
		2575.0	19.17	18.84	17.72			
	50RB (0)	2615.0	19.28	18.93	17.83			
		2595.0	19.14	18.74	17.71			
		2575.0	19.17	18.83	17.86			
15MHz	1RB-High (74)	2612.5	19.21	19.34	18.77	20.2	20.2	19.7
		2595.0	19.16	19.30	18.83			
		2577.5	19.14	19.35	18.77			
	1RB-Middle (37)	2612.5	19.22	19.37	18.76			
		2595.0	19.20	19.41	19.19			
		2577.5	19.18	19.33	18.73			
	1RB-Low (0)	2612.5	19.08	19.32	18.70			
		2595.0	19.22	19.29	18.80			
		2577.5	19.15	19.36	18.74			
	36RB-High (38)	2612.5	19.22	18.83	17.77	20.2	19.7	18.7
		2595.0	19.27	18.85	17.85			
		2577.5	19.16	18.89	17.87			
	36RB-Middle (19)	2612.5	19.18	18.78	17.76			
		2595.0	19.13	18.77	17.68			
		2577.5	19.12	18.87	17.87			
	36RB-Low (0)	2612.5	19.20	18.82	17.85			
		2595.0	19.23	18.78	17.68			
		2577.5	19.13	18.85	17.71			
	75RB (0)	2612.5	19.29	18.97	17.80			
		2595.0	19.14	18.76	17.76			
		2577.5	19.19	18.84	17.83			
20MHz	1RB-High (99)	2610.0	19.20	19.31	18.75	20.2	20.2	19.7
		2595.0	19.19	19.31	18.81			
		2580.0	19.16	19.34	18.76			
	1RB-Middle (50)	2610.0	19.22	19.37	18.76			
		2595.0	19.23	19.45	19.17			
		2580.0	19.19	19.29	18.77			
	1RB-Low (0)	2610.0	19.11	19.32	18.68			
		2595.0	19.19	19.27	18.79			
		2580.0	19.14	19.32	18.74			
	50RB-High (50)	2610.0	19.23	18.86	17.76	20.2	19.7	18.7
		2595.0	19.25	18.87	17.83			
		2580.0	19.16	18.86	17.86			
	50RB-Middle (25)	2610.0	19.21	18.81	17.79			
		2595.0	19.11	18.80	17.70			
		2580.0	19.12	18.87	17.84			
	50RB-Low (0)	2610.0	19.22	18.84	17.81			
		2595.0	19.19	18.78	17.68			
		2580.0	19.14	18.81	17.69			
	100RB (0)	2610.0	19.27	18.94	17.81			
		2595.0	19.11	18.74	17.74			
		2580.0	19.16	18.84	17.86			

Ant.5 - LTE Band 38 Power Level DS14

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2617.5	16.15	16.30	16.03	17.2	17.2	17.2
		2595.0	16.23	16.39	16.18			
		2572.5	16.10	16.36	16.04			
	1RB-Middle (12)	2617.5	16.25	16.36	16.07			
		2595.0	16.26	16.43	16.52			
		2572.5	16.18	16.24	16.10			
	1RB-Low (0)	2617.5	16.12	16.28	16.01			
		2595.0	16.10	16.27	16.09			
		2572.5	16.21	16.30	16.05			
	12RB-High (13)	2617.5	16.29	16.19	16.12	17.2	17.2	17.2
		2595.0	16.31	16.24	16.15			
		2572.5	16.25	16.18	16.21			
	12RB-Middle (6)	2617.5	16.20	16.11	16.13			
		2595.0	16.15	16.13	16.08			
		2572.5	16.08	16.15	16.15			
	12RB-Low (0)	2617.5	16.19	16.16	16.14			
		2595.0	16.21	16.11	16.04			
		2572.5	16.09	16.09	16.01			
	25RB (0)	2617.5	16.20	16.30	16.13			
		2595.0	16.13	16.09	16.05			
		2572.5	16.08	16.14	16.16			
10MHz	1RB-High (49)	2615.0	16.17	16.32	16.03	17.2	17.2	17.2
		2595.0	16.26	16.38	16.16			
		2575.0	16.04	16.37	16.10			
	1RB-Middle (24)	2615.0	16.19	16.37	16.10			
		2595.0	16.23	16.45	16.46			
		2575.0	16.22	16.27	16.08			
	1RB-Low (0)	2615.0	16.10	16.28	16.02	17.2	17.2	17.2
		2595.0	16.14	16.28	16.07			
		2575.0	16.15	16.33	16.07			
	25RB-High (25)	2615.0	16.27	16.12	16.16			
		2595.0	16.28	16.19	16.13			
		2575.0	16.23	16.26	16.15			
	25RB-Middle (12)	2615.0	16.19	16.11	16.18			
		2595.0	16.12	16.17	16.09			
		2575.0	16.09	16.17	16.21			
	25RB-Low (0)	2615.0	16.16	16.14	16.19			
		2595.0	16.15	16.10	16.02			
		2575.0	16.08	16.07	16.04			
	50RB (0)	2615.0	16.24	16.24	16.14			
		2595.0	16.16	16.04	16.10			
		2575.0	16.10	16.09	16.20			
15MHz	1RB-High (74)	2612.5	16.15	16.30	16.06	17.2	17.2	17.2
		2595.0	16.21	16.34	16.19			
		2577.5	16.11	16.37	16.04			
	1RB-Middle (37)	2612.5	16.21	16.42	16.11			
		2595.0	16.23	16.46	16.50			
		2577.5	16.20	16.25	16.10			
	1RB-Low (0)	2612.5	16.12	16.28	16.04	17.2	17.2	17.2
		2595.0	16.11	16.27	16.08			
		2577.5	16.14	16.36	16.10			
	36RB-High (38)	2612.5	16.30	16.12	16.15			
		2595.0	16.34	16.18	16.13			
		2577.5	16.21	16.22	16.14			
	36RB-Middle (19)	2612.5	16.20	16.11	16.13			
		2595.0	16.10	16.14	16.03			
		2577.5	16.09	16.16	16.21			
	36RB-Low (0)	2612.5	16.16	16.13	16.16			
		2595.0	16.21	16.10	16.04			
		2577.5	16.12	16.09	16.04			
	75RB (0)	2612.5	16.26	16.30	16.18			
		2595.0	16.14	16.08	16.08			
		2577.5	16.10	16.10	16.17			
20MHz	1RB-High (99)	2610.0	16.16	16.33	16.05	17.2	17.2	17.2
		2595.0	16.24	16.35	16.15			
		2580.0	16.07	16.37	16.07			
	1RB-Middle (50)	2610.0	16.23	16.39	16.09			
		2595.0	16.26	16.44	16.49			
		2580.0	16.20	16.28	16.12			
	1RB-Low (0)	2610.0	16.09	16.30	16.00	17.2	17.2	17.2
		2595.0	16.12	16.25	16.08			
		2580.0	16.18	16.33	16.09			
	50RB-High (50)	2610.0	16.27	16.15	16.13			
		2595.0	16.31	16.21	16.16			
		2580.0	16.24	16.22	16.18			
	50RB-Middle (25)	2610.0	16.19	16.09	16.15			
		2595.0	16.12	16.14	16.07			
		2580.0	16.08	16.17	16.18			
	50RB-Low (0)	2610.0	16.17	16.13	16.16			
		2595.0	16.18	16.12	16.05			
		2580.0	16.09	16.10	16.00			
	100RB (0)	2610.0	16.24	16.27	16.16			
		2595.0	16.14	16.08	16.08			
		2580.0	16.11	16.12	16.17			

Ant.5 - LTE Band 38 Power Level DS11

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2617.5	20.69	19.86	18.72	21.7	20.7	19.7
		2595.0	20.71	19.83	18.79			
		2572.5	20.65	19.79	18.70			
	1RB-Middle (12)	2617.5	20.65	19.86	18.74			
		2595.0	20.72	19.95	19.14			
		2572.5	20.71	19.82	18.69			
	1RB-Low (0)	2617.5	20.65	19.77	18.68			
		2595.0	20.70	19.84	18.78			
		2572.5	20.66	19.85	18.72			
	12RB-High (13)	2617.5	19.73	18.86	17.76	20.7	19.7	18.7
		2595.0	19.78	18.90	17.87			
		2572.5	19.68	18.83	17.79			
	12RB-Middle (6)	2617.5	19.66	18.79	17.83			
		2595.0	19.60	18.72	17.68			
		2572.5	19.78	18.89	17.86			
	12RB-Low (0)	2617.5	19.72	18.89	17.83			
		2595.0	19.61	18.79	17.71			
		2572.5	19.67	18.80	17.72			
	25RB (0)	2617.5	19.70	18.86	17.85			
		2595.0	19.60	18.78	17.72			
		2572.5	19.70	18.81	17.87			
10MHz	1RB-High (49)	2615.0	20.65	19.81	18.70	21.7	20.7	19.7
		2595.0	20.70	19.85	18.78			
		2575.0	20.63	19.81	18.70			
	1RB-Middle (24)	2615.0	20.65	19.86	18.74			
		2595.0	20.73	19.99	19.13			
		2575.0	20.67	19.78	18.77			
	1RB-Low (0)	2615.0	20.66	19.75	18.71	20.7	19.7	18.7
		2595.0	20.72	19.83	18.79			
		2575.0	20.67	19.84	18.71			
	25RB-High (25)	2615.0	19.68	18.81	17.71			
		2595.0	19.80	18.88	17.81			
		2575.0	19.69	18.85	17.82			
	25RB-Middle (12)	2615.0	19.70	18.83	17.81			
		2595.0	19.65	18.74	17.68			
		2575.0	19.80	18.93	17.84			
	25RB-Low (0)	2615.0	19.72	18.90	17.82			
		2595.0	19.65	18.81	17.76			
		2575.0	19.62	18.83	17.71			
	50RB (0)	2615.0	19.73	18.91	17.82			
		2595.0	19.63	18.73	17.71			
		2575.0	19.71	18.80	17.85			
15MHz	1RB-High (74)	2612.5	20.66	19.85	18.70	21.7	20.7	19.7
		2595.0	20.72	19.81	18.76			
		2577.5	20.66	19.83	18.73			
	1RB-Middle (37)	2612.5	20.70	19.87	18.75			
		2595.0	20.70	19.95	19.19			
		2577.5	20.68	19.83	18.72			
	1RB-Low (0)	2612.5	20.61	19.79	18.65	20.7	19.7	18.7
		2595.0	20.73	19.80	18.72			
		2577.5	20.69	19.83	18.70			
	36RB-High (38)	2612.5	19.72	18.81	17.76			
		2595.0	19.80	18.93	17.87			
		2577.5	19.70	18.83	17.84			
	36RB-Middle (19)	2612.5	19.72	18.86	17.83			
		2595.0	19.62	18.76	17.71			
		2577.5	19.75	18.88	17.87			
	36RB-Low (0)	2612.5	19.76	18.88	17.84			
		2595.0	19.68	18.79	17.72			
		2577.5	19.65	18.79	17.71			
	75RB (0)	2612.5	19.70	18.92	17.87			
		2595.0	19.60	18.77	17.71			
		2577.5	19.70	18.87	17.86			
20MHz	1RB-High (99)	2610.0	20.66	19.83	18.74	21.7	20.7	19.7
		2595.0	20.69	19.82	18.78			
		2580.0	20.67	19.81	18.74			
	1RB-Middle (50)	2610.0	20.67	19.85	18.76			
		2595.0	20.70	19.96	19.16			
		2580.0	20.68	19.81	18.73			
	1RB-Low (0)	2610.0	20.63	19.78	18.69	20.7	19.7	18.7
		2595.0	20.69	19.81	18.76			
		2580.0	20.67	19.84	18.73			
	50RB-High (50)	2610.0	19.69	18.83	17.75			
		2595.0	19.77	18.91	17.84			
		2580.0	19.71	18.86	17.83			
	50RB-Middle (25)	2610.0	19.70	18.83	17.81			
		2595.0	19.63	18.76	17.71			
		2580.0	19.76	18.90	17.84			
	50RB-Low (0)	2610.0	19.73	18.88	17.81			
		2595.0	19.65	18.79	17.72			
		2580.0	19.65	18.79	17.69			
	100RB (0)	2610.0	19.72	18.90	17.83			
		2595.0	19.62	18.75	17.74			
		2580.0	19.71	18.84	17.83			



Ant.1 - LTE Band 41 Power Level DSI2

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2687.5	19.08	19.07	19.09	19.7	19.7	19.7
		2640.3	19.04	18.99	19.02			
		2593.0	19.07	19.05	18.96			
		2545.8	18.92	18.83	18.75			
		2498.5	18.88	18.76	18.59			
	1RB-Middle (12)	2687.5	19.12	19.10	19.07			
		2640.3	19.15	19.22	19.04			
		2593.0	19.07	19.03	19.07			
		2545.8	19.02	19.07	19.06			
		2498.5	18.95	18.97	18.80			
	1RB-Low (0)	2687.5	19.00	18.99	18.89			
		2640.3	19.09	19.09	19.00			
		2593.0	18.99	18.98	18.99			
		2545.8	18.87	18.92	18.79			
		2498.5	18.83	18.96	18.67			
	12RB-High (13)	2687.5	19.13	19.14	19.05			
		2640.3	19.05	19.10	19.10			
		2593.0	19.06	19.07	19.11			
		2545.8	18.91	18.93	18.88			
		2498.5	18.83	18.72	18.82			
	12RB-Middle (6)	2687.5	19.11	19.11	19.21			
		2640.3	19.10	19.18	19.21			
		2593.0	19.09	19.15	19.13			
		2545.8	19.02	18.93	19.08			
		2498.5	18.85	18.88	18.82			
	12RB-Low (0)	2687.5	19.01	19.00	19.04			
		2640.3	19.13	19.19	19.12			
		2593.0	19.08	19.00	19.00			
		2545.8	18.95	19.04	19.04			
		2498.5	18.90	19.03	18.98			
	25RB (0)	2687.5	19.04	19.04	18.98			
		2640.3	19.03	19.01	19.06			
		2593.0	19.06	19.01	19.06			
		2545.8	18.99	18.98	19.01			
		2498.5	18.83	18.89	18.78			
10MHz	1RB-High (49)	2685.0	19.03	19.15	18.93	19.7	19.7	19.7
		2639.0	19.08	19.07	18.83			
		2593.0	19.06	19.02	19.10			
		2547.0	19.03	18.97	18.96			
		2501.0	18.88	19.03	18.85			
	1RB-Middle (24)	2685.0	19.13	19.22	19.10			
		2639.0	19.15	19.28	19.13			
		2593.0	19.15	19.14	19.04			
		2547.0	19.02	19.03	19.08			
		2501.0	18.93	18.93	18.90			
	1RB-Low (0)	2685.0	19.10	18.99	18.99			
		2639.0	19.07	19.04	18.92			
		2593.0	18.97	18.97	18.82			
		2547.0	18.91	18.92	18.74			
		2501.0	18.92	18.88	18.98			
	25RB-High (25)	2685.0	19.08	19.12	19.05			
		2639.0	19.08	19.08	19.03			
		2593.0	19.10	19.13	19.12			
		2547.0	18.96	18.93	18.95			
		2501.0	18.85	18.80	18.83			
	25RB-Middle (12)	2685.0	19.14	19.15	19.15			
		2639.0	19.19	19.13	19.15			
		2593.0	19.12	19.06	19.10			
		2547.0	18.96	18.91	18.97			
		2501.0	18.92	18.88	18.89			
	25RB-Low (0)	2685.0	19.14	19.11	19.09			
		2639.0	19.15	19.12	19.09			
		2593.0	19.08	19.08	19.08			
		2547.0	18.99	18.99	18.99			
		2501.0	18.90	18.93	18.86			
	50RB (0)	2685.0	19.14	19.12	19.09			
		2639.0	19.12	19.16	19.15			
		2593.0	19.08	19.12	19.10			
		2547.0	18.93	18.95	18.92			
		2501.0	18.92	18.95	18.94			
15MHz	1RB-High (74)	2682.5	18.98	19.20	19.02	19.7	19.7	19.7
		2637.8	18.98	19.03	19.09			
		2593.0	18.98	19.00	18.98			
		2548.3	18.81	18.84	18.79			
		2503.5	18.65	18.57	18.56			
	1RB-Middle (37)	2682.5	18.90	19.05	19.14			
		2637.8	18.92	18.92	19.05			
		2593.0	18.93	18.78	18.94			
		2548.3	18.80	18.84	18.62			
		2503.5	18.78	18.91	18.81			
	1RB-Low (0)	2682.5	18.95	19.07	18.67			
		2637.8	18.89	18.90	19.07			
		2593.0	18.83	18.78	18.91			
		2548.3	18.89	18.82	18.84			
		2503.5	18.73	18.91	18.50			
	36RB-High (38)	2682.5	19.00	18.99	19.01			
		2637.8	18.98	18.93	18.88			
		2593.0	19.02	18.99	19.01			
		2548.3	18.83	18.85	18.79			
		2503.5	18.72	18.74	18.74			
	36RB-Middle (19)	2682.5	19.00	19.02	18.95			
		2637.8	19.03	19.04	18.99			
		2593.0	19.00	18.96	18.96			
		2548.3	18.90	18.89	18.87			
		2503.5	18.74	18.78	18.70			
	36RB-Low (0)	2682.5	18.92	18.95	18.88			
		2637.8	18.99	19.01	18.98			
		2593.0	18.98	18.99	18.90			
		2548.3	18.85	18.89	18.87			
		2503.5	18.78	18.79	18.80			
	75RB (0)	2682.5	18.89	19.00	19.02			
		2637.8	19.00	19.02	19.01			
		2593.0	18.95	18.96	18.94			
		2548.3	18.90	18.92	18.92			
		2503.5	18.76	18.73	18.71			
20MHz	1RB-High (99)	2680.0	19.04	18.96	19.00	19.7	19.7	19.7
		2636.5	19.05	19.02	18.80			
		2593.0	19.06	18.97	19.05			
		2549.5	18.85	18.82	18.81			
		2506.0	18.80	18.90	18.66			
	1RB-Middle (50)	2680.0	18.98	18.94	18.74			
		2636.5	18.98	19.11	18.92			
		2593.0	18.90	19.18	18.99			
		2549.5	18.84	18.85	18.76			
		2506.0	18.69	18.56	19.00			
	1RB-Low (0)	2680.0	19.03	18.90	19.12			
		2636.5	18.96	18.98	18.89			
		2593.0	18.87	18.95	18.78			
		2549.5	18.81	18.77	18.63			
		2506.0	18.79	18.68	18.61			
	50RB-High (50)	2680.0	19.02	19.01	19.02			
		2636.5	19.03	18.95	18.95			
		2593.0	19.11	19.00	18.99			
		2549.5	18.89	18.87	18.83			
		2506.0	18.85	18.78	18.73			
	50RB-Middle (25)	2680.0	18.93	18.95	18.93			
		2636.5	19.00	18.95	18.94			
		2593.0	18.97	18.99	18.97			
		2549.5	18.84	18.87	18.85			
		2506.0	18.82	18.82	18.84			
	50RB-Low (0)	2680.0	18.93	18.98	18.96			
		2636.5	19.02	19.01	19.01			
		2593.0	18.95	18.93	18.95			
		2549.5	18.88	18.90	18.85			
		2506.0	18.76	18.78	18.77			
	100RB (0)	2680.0	18.91	18.97	18.94			
		2636.5	18.94	18.97	18.95			
		2593.0	18.99	18.95	18.97			
		2549.5	18.84	18.87	18.79			
		2506.0	18.82	18.82	18.84			



Ant.1 - LTE Band 41 Power Level DSI4

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2687.5	18.03	18.08	18.04	18.7	18.7	18.7
		2640.3	18.04	18.21	17.86			
		2593.0	18.04	18.09	17.81			
		2545.8	17.87	17.89	17.67			
		2498.5	17.87	17.83	17.66			
		2687.5	18.01	18.13	17.81			
	1RB-Middle (12)	2640.3	18.14	18.03	18.03			
		2593.0	18.03	18.07	17.96			
		2545.8	17.90	18.10	17.90			
		2498.5	17.93	18.04	17.68			
		2687.5	17.97	18.10	17.85			
		2640.3	17.98	17.85	18.13			
	1RB-Low (0)	2593.0	17.99	17.98	17.87			
		2545.8	17.81	17.88	17.71			
		2498.5	17.82	17.81	17.57			
		2687.5	18.03	18.05	18.05			
		2640.3	18.07	18.05	18.07			
		2593.0	18.06	17.94	18.02			
	12RB-High (13)	2545.8	17.91	17.95	17.87			
		2498.5	17.84	17.88	17.78			
		2687.5	18.07	18.09	17.96			
		2640.3	18.04	17.94	18.01			
		2593.0	18.04	18.09	18.05			
		2545.8	17.91	17.91	17.84			
	12RB-Middle (6)	2498.5	17.83	17.90	17.86			
		2687.5	17.99	17.96	18.07			
		2640.3	17.97	17.96	18.01			
		2593.0	18.02	17.95	17.90			
		2545.8	17.84	17.92	17.80			
		2498.5	17.87	17.84	17.86			
	12RB-Low (0)	2687.5	18.05	18.03	17.99			
		2640.3	17.96	18.06	17.99			
		2593.0	18.05	18.06	17.97			
		2545.8	17.87	17.85	17.83			
		2498.5	17.84	17.78	17.79			
		2687.5	17.81	17.78	17.71			
10MHz	1RB-High (48)	2685.0	18.06	18.18	17.86	18.7	18.7	18.7
		2639.0	18.05	18.13	17.83			
		2593.0	18.06	18.16	17.77			
		2547.0	17.83	18.02	17.85			
		2501.0	17.87	17.85	17.81			
		2685.0	18.02	18.21	17.90			
	1RB-Middle (24)	2639.0	18.11	18.40	17.96			
		2593.0	18.01	18.09	18.11			
		2547.0	17.92	17.92	17.73			
		2501.0	17.93	17.89	17.88			
		2685.0	18.00	17.97	17.85			
		2639.0	18.05	18.24	18.03			
	1RB-Low (0)	2593.0	17.99	18.11	17.67			
		2547.0	17.82	17.82	17.67			
		2501.0	17.85	17.81	17.73			
		2685.0	18.05	18.05	18.03			
		2639.0	18.11	18.12	18.00			
		2593.0	18.10	18.08	17.96			
	25RB-High (25)	2547.0	17.93	17.96	17.90			
		2501.0	17.84	17.82	17.72			
		2685.0	18.01	17.96	17.96			
		2639.0	18.13	18.10	18.06			
		2593.0	18.12	18.06	18.03			
		2547.0	17.94	17.92	17.87			
	25RB-Middle (12)	2501.0	17.92	17.84	17.82			
		2685.0	17.99	17.95	17.90			
		2639.0	18.11	18.07	18.01			
		2593.0	18.05	18.06	18.00			
		2547.0	17.89	17.89	17.88			
		2501.0	17.85	17.85	17.84			
	25RB-Low (0)	2685.0	18.02	18.00	17.95			
		2639.0	18.10	18.12	18.01			
		2593.0	18.06	18.04	17.97			
		2547.0	17.92	17.92	17.86			
		2501.0	17.87	17.86	17.82			
		2687.5	17.81	17.78	17.71			
15MHz	1RB-High (74)	2682.5	17.93	17.89	17.94	18.7	18.7	18.7
		2637.8	17.94	17.89	17.97			
		2593.0	17.87	18.09	17.84			
		2548.3	17.86	17.62	17.71			
		2503.5	17.70	17.55	17.48			
		2682.5	17.85	17.70	17.57			
	1RB-Middle (37)	2637.8	17.88	17.99	17.69			
		2593.0	17.87	17.80	17.68			
		2548.3	17.75	17.82	17.47			
		2503.5	17.66	17.73	17.77			
		2682.5	17.89	17.83	17.75			
		2637.8	17.94	18.10	17.70			
	1RB-Low (0)	2593.0	17.84	17.75	17.73			
		2548.3	17.69	17.68	17.68			
		2503.5	17.65	17.96	17.63			
		2682.5	17.91	17.93	17.86			
		2637.8	17.97	17.96	17.94			
		2593.0	17.97	17.98	17.87			
	36RB-High (38)	2548.3	17.73	17.72	17.67			
		2503.5	17.73	17.70	17.65			
		2682.5	17.90	17.90	17.86			
		2637.8	17.97	17.94	17.94			
		2593.0	17.96	17.95	17.91			
		2548.3	17.82	17.80	17.69			
	36RB-Middle (19)	2503.5	17.78	17.80	17.69			
		2503.5	17.78	17.77	17.64			
		2682.5	17.94	17.88	17.85			
		2637.8	18.01	17.96	17.87			
		2593.0	17.92	17.94	17.84			
		2548.3	17.79	17.75	17.69			
	36RB-Low (0)	2503.5	17.72	17.71	17.66			
		2682.5	17.84	17.83	17.88			
		2637.8	18.00	17.98	17.90			
		2593.0	17.93	17.93	17.86			
		2548.3	17.81	17.80	17.72			
		2503.5	17.79	17.77	17.70			
20MHz	1RB-High (99)	2680.0	17.88	17.89	17.81	18.7	18.7	18.7
		2636.5	18.01	18.06	17.93			
		2593.0	18.06	17.91	17.84			
		2549.5	17.75	17.70	17.55			
		2506.0	17.70	17.73	17.67			
		2680.0	17.85	17.87	17.87			
	1RB-Middle (50)	2636.5	17.91	17.84	17.72			
		2593.0	17.91	18.00	17.77			
		2549.5	17.68	17.88	17.83			
		2506.0	17.72	18.03	17.65			
		2680.0	17.88	17.96	17.73			
		2636.5	18.01	17.87	17.91			
	1RB-Low (0)	2593.0	17.78	18.09	17.55			
		2549.5	17.68	17.69	17.70			
		2506.0	17.60	17.61	17.53			
		2680.0	17.91	17.92	17.85			
		2636.5	18.02	18.01	17.90			
		2593.0	18.05	18.01	17.91			
	50RB-High (50)	2549.5	17.74	17.72	17.70			
		2506.0	17.76	17.70	17.64			
		2680.0	17.98	17.95	17.87			
		2636.5	18.01	17.97	17.89			
		2593.0	17.92	17.96	17.86			
		2549.5	17.84	17.81	17.72			
	50RB-Middle (25)	2506.0	17.81	17.82	17.75			
		2680.0	17.86	17.84	17.82			
		2636.5	17.97	18.04	17.90			
		2593.0	17.93	17.93	17.86			
		2549.5	17.76	17.76	17.71			
		2506.0	17.78	17.80	17.66			
	50RB-Low (0)	2680.0	17.93	17.92	17.85			
		2593.0	17.83	17.87	17.87			
		2549.5	17.76	17.77	17.71			
		2506.0	17.78	17.80	17.66			
		2680.0	17.93	17.92	17.85			
		2593.0	17.83	17.87	17.87			
100RB (0)	2593.0	17.95	17.97	17.87				
	2549.5	17.82	17.86	17.75				
	2506.0	17.76	17.77	17.69				
	2680.0	17.96	17.97	17.89				
	2636.5	18.03	18.04	17.93				
	2593.0	18.04	18.04	17.93				



Ant.1 - LTE Band 41 Power Level DSI1

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2687.5	21.70	21.70	20.90	22.3	22.3	21.9
		2640.3	21.60	21.60	20.95			
		2593.0	21.65	21.73	20.92			
		2545.8	21.48	21.53	20.88			
	1RB-Middle (12)	2498.5	21.48	21.48	20.72			
		2687.5	21.70	21.82	21.06			
		2640.3	21.73	21.77	21.07			
		2593.0	21.67	21.72	20.80			
	1RB-Low (0)	2545.8	21.61	21.61	20.85			
		2498.5	21.58	21.47	20.71			
		2687.5	21.56	21.92	21.10			
		2640.3	21.60	21.74	20.94			
	12RB-High (13)	2593.0	21.55	21.62	20.77			
		2545.8	21.49	21.05	20.76			
		2498.5	21.52	21.59	20.91			
		2687.5	21.67	21.07	20.18			
	12RB-Middle (6)	2640.3	21.59	21.05	20.01			
		2593.0	21.66	21.01	20.06			
		2545.8	21.48	20.94	19.97			
		2498.5	21.42	20.74	19.83			
	12RB-Low (0)	2687.5	21.71	21.10	20.14			
		2640.3	21.71	21.15	20.20			
		2593.0	21.66	21.12	20.09			
		2545.8	21.58	21.18	20.02			
	25RB (0)	2498.5	21.49	20.85	19.68			
		2687.5	21.63	21.03	20.12			
		2640.3	21.71	21.15	20.06			
		2593.0	21.62	21.13	20.07			
10MHz	1RB-High (48)	2685.0	21.65	21.75	20.97	22.3	22.3	21.9
		2639.0	21.70	21.83	21.13			
		2593.0	21.67	21.80	21.00			
		2547.0	21.53	21.58	20.89			
	1RB-Middle (24)	2501.0	21.48	21.51	20.72			
		2685.0	21.74	21.82	21.18			
		2639.0	21.78	21.82	20.85			
		2593.0	21.65	21.64	21.25			
	1RB-Low (0)	2547.0	21.61	21.57	20.86			
		2501.0	21.52	21.40	20.97			
		2685.0	21.60	21.75	21.12			
		2639.0	21.63	21.55	21.01			
	25RB-High (25)	2593.0	21.56	21.69	20.98			
		2547.0	21.54	21.42	21.01			
		2501.0	21.59	21.23	20.90			
		2685.0	21.68	21.10	20.09			
	25RB-Middle (12)	2639.0	21.60	21.00	20.09			
		2593.0	21.71	21.08	20.16			
		2547.0	21.54	20.92	19.93			
		2501.0	21.45	20.81	19.89			
	25RB-Low (0)	2685.0	21.70	21.15	20.12			
		2639.0	21.72	21.25	20.23			
		2593.0	21.69	21.12	20.13			
		2547.0	21.53	20.99	20.00			
	50RB (0)	2501.0	21.57	20.95	19.91			
		2685.0	21.67	21.13	20.07			
		2639.0	21.69	21.15	20.11			
		2593.0	21.64	21.07	20.04			
15MHz	1RB-High (74)	2647.0	21.55	21.58	20.92	22.3	22.3	21.9
		2593.0	21.56	21.62	21.15			
		2548.3	21.50	21.58	20.84			
		2503.5	21.26	21.35	20.49			
	1RB-Middle (37)	2682.5	21.52	21.63	20.77			
		2637.8	21.56	21.53	20.81			
		2593.0	21.55	21.44	21.06			
		2548.3	21.43	21.42	21.00			
	1RB-Low (0)	2503.5	21.32	21.20	20.65			
		2682.5	21.61	21.58	20.90			
		2637.8	21.57	21.46	20.66			
		2593.0	21.48	21.59	20.77			
	36RB-High (38)	2548.3	21.35	21.36	20.71			
		2503.5	21.32	21.43	20.81			
		2682.5	21.58	20.97	19.99			
		2637.8	21.56	20.92	19.88			
	36RB-Middle (19)	2593.0	21.61	21.00	19.99			
		2548.3	21.40	20.81	19.83			
		2503.5	21.32	20.96	19.71			
		2682.5	21.58	20.96	19.98			
	36RB-Low (0)	2637.8	21.58	20.93	20.00			
		2593.0	21.59	20.95	19.92			
		2548.3	21.50	20.97	19.89			
		2503.5	21.28	20.89	19.74			
	75RB (0)	2682.5	21.50	20.94	19.96			
		2637.8	21.61	20.98	20.00			
		2593.0	21.55	20.93	19.95			
		2548.3	21.46	20.85	19.87			
20MHz	1RB-High (99)	2603.5	21.39	21.45	20.95	22.3	22.3	21.9
		2559.0	21.40	21.52	20.68			
		2514.5	21.48	21.52	20.68			
		2469.5	21.30	21.41	20.79			
	1RB-Middle (50)	2425.0	21.58	21.56	20.82			
		2380.5	21.56	21.87	20.91			
		2335.0	21.47	21.53	20.81			
		2290.5	21.38	21.45	20.93			
	1RB-Low (0)	2245.0	21.29	21.43	20.77			
		2200.0	21.55	21.60	20.92			
		2155.0	21.58	21.62	20.80			
		2110.0	21.46	21.43	21.01			
	50RB-High (50)	2065.0	21.41	21.42	20.72			
		2020.0	21.23	21.34	20.70			
		1975.0	21.59	20.99	20.03			
		1930.0	21.62	20.99	19.96			
	50RB-Middle (25)	1885.0	21.63	20.97	20.00			
		1840.0	21.46	20.80	19.95			
		1795.0	21.39	20.71	19.71			
		1750.0	21.50	20.93	19.88			
	50RB-Low (0)	1705.0	21.53	20.94	19.97			
		1660.0	21.58	20.95	19.99			
		1615.0	21.40	20.82	19.89			
		1570.0	21.38	20.75	19.78			
	100RB (0)	1525.0	21.51	20.91	19.89			
		1480.0	21.61	21.02	20.01			
		1435.0	21.51	20.97	19.96			
		1390.0	21.45	20.94	19.91			
	200RB (0)	1345.0	21.38	20.78	19.80			
		1300.0	21.51	20.91	19.91			
		1255.0	21.54	20.94	19.94			
		1210.0	21.58	20.95	20.00			
	400RB (0)	1165.0	21.39	20.81	19.80			
		1120.0	21.40	20.79	19.75			
		1075.0	21.40	20.79	19.75			
		1030.0	21.40	20.79	19.75			



Ant.4 - LTE Band 41 Power Level DSI2

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2687.5	23.25	22.27	21.32	24.5	23.5	22.5
		2640.3	23.43	22.49	21.51			
		2593.0	23.39	22.48	21.34			
		2545.8	23.41	22.50	21.46			
	1RB-Middle (12)	2498.5	23.35	22.47	21.39			
		2687.5	23.30	22.33	21.49			
		2640.3	23.47	22.49	21.56			
		2593.0	23.45	22.39	21.34			
	1RB-Low (0)	2545.8	23.47	22.48	21.57			
		2498.5	23.42	22.35	21.39			
		2687.5	23.27	22.21	21.42			
		2640.3	23.38	22.32	21.49			
	12RB-High (13)	2593.0	23.42	22.33	21.35			
		2545.8	23.36	22.37	21.39			
		2498.5	23.39	22.34	21.30			
		2687.5	22.39	21.36	20.54			
	12RB-Middle (6)	2640.3	22.49	21.60	20.69			
		2593.0	22.47	21.42	20.58			
		2545.8	22.46	21.56	20.64			
		2498.5	22.45	21.42	20.57			
	12RB-Low (0)	2687.5	22.37	21.35	20.54			
		2640.3	22.53	21.50	20.64			
		2593.0	22.47	21.50	20.55			
		2545.8	22.54	21.48	20.64			
	25RB (0)	2498.5	22.47	21.47	20.50			
		2687.5	22.35	21.42	20.38			
		2640.3	22.53	21.53	20.80			
		2593.0	22.41	21.39	20.56			
10MHz	1RB-High (49)	2685.0	23.32	22.33	21.40	24.5	23.5	22.5
		2639.0	23.47	22.58	21.52			
		2593.0	23.35	22.34	21.53			
		2547.0	23.54	22.57	21.55			
	1RB-Middle (24)	2501.0	23.32	22.31	21.51			
		2685.0	23.35	22.33	21.55			
		2639.0	23.44	22.43	21.70			
		2593.0	23.37	22.43	21.54			
	1RB-Low (0)	2547.0	23.50	22.38	21.64			
		2501.0	23.35	22.40	21.23			
		2685.0	23.38	22.33	21.29			
		2639.0	23.41	22.50	21.46			
	25RB-High (25)	2593.0	23.35	22.37	21.35			
		2547.0	23.38	22.48	21.40			
		2501.0	23.40	22.36	21.34			
		2685.0	22.37	21.33	20.49			
	25RB-Middle (12)	2639.0	22.54	21.54	20.68			
		2593.0	22.36	21.38	20.47			
		2547.0	22.53	21.50	20.70			
		2501.0	22.38	21.36	20.45			
	25RB-Low (0)	2685.0	22.27	21.33	20.49			
		2639.0	22.53	21.51	20.65			
		2593.0	22.45	21.48	20.61			
		2547.0	22.55	21.50	20.66			
	50RB (0)	2501.0	22.46	21.50	20.53			
		2685.0	22.32	21.30	20.42			
		2639.0	22.49	21.47	20.69			
		2593.0	22.42	21.46	20.59			
15MHz	1RB-High (74)	2547.0	22.52	21.39	20.71	24.5	23.5	22.5
		2501.0	22.40	21.41	20.53			
		2685.0	22.28	21.36	20.39			
		2639.0	22.53	21.52	20.61			
	1RB-Middle (37)	2593.0	22.43	21.49	20.59			
		2547.0	22.50	21.55	20.63			
		2501.0	22.42	21.48	20.60			
		2685.0	22.32	21.30	20.42			
	1RB-Low (0)	2639.0	22.49	21.47	20.69			
		2593.0	22.42	21.46	20.59			
		2547.0	22.52	21.39	20.71			
		2501.0	22.40	21.41	20.53			
	36RB-High (38)	2685.0	22.28	21.36	20.45			
		2639.0	22.40	21.39	20.43			
		2593.0	22.31	21.26	20.34			
		2548.3	22.35	21.40	20.45			
	36RB-Middle (19)	2501.5	22.24	21.21	20.31			
		2682.5	22.17	21.19	20.32			
		2637.8	22.34	21.36	20.48			
		2593.0	22.26	21.33	20.36			
	36RB-Low (0)	2548.3	22.38	21.37	20.51			
		2503.5	22.25	21.33	20.40			
		2682.5	22.21	21.27	20.29			
		2637.8	22.31	21.38	20.42			
	75RB (0)	2593.0	22.28	21.30	20.46			
		2548.3	22.33	21.35	20.42			
		2503.5	22.24	21.35	20.41			
		2682.5	22.19	21.17	20.30			
20MHz	1RB-High (99)	2637.8	22.42	21.34	20.46	24.5	23.5	22.5
		2593.0	22.34	21.25	20.44			
		2548.3	22.30	21.24	20.47			
		2682.5	22.26	21.22	20.37			
	1RB-Middle (50)	2637.8	22.31	21.38	20.42			
		2593.0	22.28	21.30	20.46			
		2548.3	22.33	21.35	20.42			
		2503.5	22.25	21.33	20.40			
	1RB-Low (0)	2682.5	22.21	21.27	20.29			
		2637.8	22.31	21.38	20.42			
		2593.0	22.28	21.30	20.46			
		2548.3	22.33	21.35	20.42			
	50RB-High (50)	2503.5	22.25	21.33	20.40			
		2682.5	22.21	21.27	20.29			
		2637.8	22.31	21.38	20.42			
		2593.0	22.28	21.30	20.46			
	50RB-Middle (25)	2548.3	22.33	21.35	20.42			
		2503.5	22.25	21.33	20.40			
		2682.5	22.21	21.27	20.29			
		2637.8	22.31	21.38	20.42			
	50RB-Low (0)	2593.0	22.28	21.30	20.46			
		2548.3	22.33	21.35	20.42			
		2503.5	22.25	21.33	20.40			
		2682.5	22.21	21.27	20.29			
	100RB (0)	2637.8	22.31	21.38	20.42			
		2593.0	22.28	21.30	20.46			
		2548.3	22.33	21.35	20.42			
		2503.5	22.25	21.33	20.40			



Ant.4 - LTE Band 41 Power Level DSI1

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2687.5	22.15	22.20	21.51	23.1	23.1	22.5
		2640.3	22.42	22.32	21.54			
		2593.0	22.33	22.13	21.34			
		2545.8	22.42	22.36	21.51			
	1RB-Middle (12)	2498.5	22.31	22.15	21.39			
		2687.5	22.27	22.36	21.56			
		2640.3	22.53	22.47	21.61			
		2593.0	22.41	22.34	21.47			
	1RB-Low (0)	2545.8	22.61	22.49	21.59			
		2498.5	22.46	22.34	21.47			
		2687.5	22.22	22.24	21.21			
		2640.3	22.35	22.50	21.46			
	12RB-High (13)	2593.0	22.33	22.39	21.49			
		2545.8	22.33	22.47	21.47			
		2498.5	22.33	22.33	21.51			
		2687.5	22.25	21.53	20.52			
	12RB-Middle (6)	2640.3	22.44	21.64	20.71			
		2593.0	22.40	21.46	20.63			
		2545.8	22.39	21.56	20.72			
		2498.5	22.40	21.47	20.58			
	12RB-Low (0)	2687.5	22.29	21.33	20.54			
		2640.3	22.44	21.67	20.67			
		2593.0	22.38	21.51	20.64			
		2545.8	22.43	21.63	20.71			
	25RB (0)	2498.5	22.41	21.57	20.66			
		2687.5	22.21	21.46	20.53			
		2640.3	22.42	21.57	20.72			
		2593.0	22.32	21.60	20.49			
10MHz	1RB-High (49)	2685.0	22.33	22.37	21.38	23.1	23.1	22.5
		2639.0	22.35	22.36	21.82			
		2593.0	22.38	22.30	21.60			
		2547.0	22.36	22.36	21.81			
	1RB-Middle (24)	2501.0	22.35	22.29	21.58			
		2685.0	22.33	22.29	21.51			
		2639.0	22.41	22.47	21.54			
		2593.0	22.36	22.34	21.47			
	1RB-Low (0)	2547.0	22.41	22.45	21.56			
		2501.0	22.41	22.32	21.47			
		2685.0	22.24	22.19	21.17			
		2639.0	22.38	22.29	21.58			
	25RB-High (25)	2593.0	22.38	22.28	21.41			
		2547.0	22.35	22.31	21.54			
		2501.0	22.39	22.28	21.44			
		2685.0	22.28	21.55	20.54			
	25RB-Middle (12)	2639.0	22.42	21.66	20.61			
		2593.0	22.34	21.57	20.43			
		2547.0	22.47	21.67	20.62			
		2501.0	22.32	21.52	20.47			
	25RB-Low (0)	2685.0	22.31	21.46	20.44			
		2639.0	22.46	21.65	20.69			
		2593.0	22.43	21.62	20.56			
		2547.0	22.46	21.66	20.66			
	50RB (0)	2501.0	22.36	21.60	20.61			
		2685.0	22.21	21.37	20.48			
		2639.0	22.46	21.65	20.66			
		2593.0	22.40	21.63	20.52			
15MHz	1RB-High (74)	2547.0	22.43	21.66	20.61	23.1	23.1	22.5
		2501.0	22.33	21.61	20.57			
		2685.0	22.15	21.46	20.43			
		2639.0	22.44	21.65	20.70			
	1RB-Middle (37)	2593.0	22.47	21.63	20.60			
		2547.0	22.43	21.66	20.62			
		2501.0	22.44	21.57	20.54			
		2682.5	22.14	22.32	21.29			
	1RB-Low (0)	2637.8	22.28	22.37	21.22			
		2593.0	22.11	22.41	21.31			
		2548.3	22.34	22.33	21.22			
		2503.5	22.11	22.46	21.32			
	36RB-High (38)	2682.5	22.18	22.20	21.20			
		2637.8	22.21	22.18	21.47			
		2593.0	22.25	22.13	21.29			
		2548.3	22.15	22.20	21.48			
	36RB-Middle (19)	2503.5	22.26	22.12	21.31			
		2682.5	22.19	22.07	21.18			
		2637.8	22.20	22.27	21.41			
		2593.0	22.12	22.09	21.52			
	36RB-Low (0)	2548.3	22.17	22.26	21.43			
		2503.5	22.17	22.09	21.56			
		2682.5	22.20	21.37	20.35			
		2637.8	22.28	21.49	20.52			
20MHz	1RB-High (99)	2593.0	22.19	21.33	20.40	23.1	23.1	22.5
		2548.3	22.34	21.47	20.50			
		2503.5	22.18	21.35	20.38			
		2682.5	22.13	21.40	20.28			
	1RB-Middle (50)	2637.8	22.27	21.49	20.49			
		2593.0	22.27	21.49	20.43			
		2548.3	22.31	21.49	20.47			
		2503.5	22.27	21.52	20.38			
	1RB-Low (0)	2682.5	22.15	21.41	20.32			
		2637.8	22.29	21.51	20.45			
		2593.0	22.17	21.41	20.42			
		2548.3	22.25	21.46	20.49			
	50RB-High (50)	2503.5	22.16	21.42	20.40			
		2682.5	22.13	21.39	20.33			
		2637.8	22.26	21.56	20.46			
		2593.0	22.27	21.43	20.44			
	50RB-Middle (25)	2548.3	22.29	21.50	20.48			
		2503.5	22.22	21.46	20.47			
		2680.0	22.12	22.29	21.31			
		2636.5	22.10	22.19	21.24			
	50RB-Low (0)	2593.0	22.31	22.23	21.51			
		2549.5	22.13	22.18	21.32			
		2506.0	22.20	22.14	21.29			
		2680.0	22.09	22.52	21.11			
25MHz	1RB-High (99)	2636.5	22.04	22.16	21.23	23.1	23.1	22.5
		2593.0	22.15	22.05	21.32			
		2549.5	22.08	22.17	21.40			
		2506.0	22.09	22.31	21.36			
	1RB-Middle (50)	2680.0	22.06	22.31	21.26			
		2636.5	22.02	22.24	21.38			
		2593.0	22.20	22.23	21.21			
		2549.5	22.09	22.19	21.45			
	1RB-Low (0)	2506.0	22.19	21.92	21.32			
		2680.0	22.18	21.32	20.35			
		2636.5	22.13	21.23	20.33			
		2593.0	22.32	21.53	20.48			
	50RB-High (50)	2549.5	22.23	21.40	20.38			
		2506.0	22.27	21.42	20.37			
		2680.0	22.17	21.35	20.34			
		2636.5	22.19	21.33	20.41			
	50RB-Middle (25)	2593.0	22.31	21.51	20.48			
		2549.5	22.16	21.42	20.25			
		2506.0	22.26	21.47	20.45			
		2680.0	22.07	21.33	20.32			
	50RB-Low (0)	2636.5	22.18	21.34	20.42			
		2593.0	22.25	21.48	20.47			
		2549.5	22.16	21.32	20.35			
		2506.0	22.21	21.43	20.43			
30MHz	1RB-High (99)	2680.0	22.17	21.39	20.32	23.1	22.5	21.5
		2636.5	22.15	21.36	20.36			
		2593.0	22.30	21.51	20.47			
		2549.5	22.28	21.48	20.42			
	1RB-Middle (50)	2506.0	22.29	21.44	20.45			
		2680.0	22.17	21.35	20.34			



Ant.5 - LTE Band 41 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2687.5	18.37	18.59	18.66	19.7	19.7	19.7
		2640.3	18.73	18.82	18.79			
		2593.0	18.69	18.96	18.82			
		2545.8	18.67	18.82	18.77			
		2498.5	18.72	18.93	18.74			
	1RB-Middle (12)	2687.5	18.47	18.57	18.60			
		2640.3	18.79	18.88	18.78			
		2593.0	18.83	18.97	19.19			
		2545.8	18.71	18.90	18.92			
		2498.5	18.76	18.98	18.93			
	1RB-Low (0)	2687.5	18.35	18.57	18.73			
		2640.3	18.66	18.80	18.71			
		2593.0	18.60	18.89	18.73			
		2545.8	18.61	18.87	18.75			
		2498.5	18.66	18.81	18.70			
10MHz	12RB-High (13)	2687.5	18.38	18.71	18.27			
		2640.3	18.70	18.83	18.23			
		2593.0	18.90	19.03	18.45			
		2545.8	18.68	18.98	18.37			
		2498.5	18.84	19.07	18.48			
	12RB-Middle (6)	2687.5	18.37	18.61	18.61			
		2640.3	18.71	18.87	18.23			
		2593.0	18.56	19.10	18.51			
		2545.8	18.71	18.94	18.33			
		2498.5	18.67	19.02	18.41			
	12RB-Low (0)	2687.5	18.31	18.59	18.28			
		2640.3	18.65	18.88	18.14			
		2593.0	18.85	19.09	18.51			
		2545.8	18.78	18.95	18.30			
		2498.5	18.74	19.00	18.41			
15MHz	1RB-High (49)	2685.0	18.39	18.55	18.62			
		2639.0	18.72	18.83	18.80			
		2593.0	18.69	18.99	18.86			
		2547.0	18.64	18.78	18.77			
		2501.0	18.73	18.93	18.73			
	1RB-Middle (24)	2685.0	18.46	18.65	18.62			
		2639.0	18.76	18.90	18.78			
		2593.0	18.83	18.98	19.20			
		2547.0	18.70	18.92	19.10			
		2501.0	18.78	18.98	18.90			
	1RB-Low (0)	2685.0	18.33	18.56	18.76			
		2639.0	18.66	18.78	18.70			
		2593.0	18.63	18.93	18.76			
		2547.0	18.64	18.88	18.72			
		2501.0	18.63	18.80	18.70			
20MHz	25RB-High (25)	2685.0	18.39	18.74	18.27			
		2639.0	18.74	18.85	18.23			
		2593.0	18.90	19.02	18.49			
		2547.0	18.70	19.01	18.34			
		2501.0	18.86	19.08	18.48			
	25RB-Middle (12)	2685.0	18.41	18.59	18.19			
		2639.0	18.71	18.87	18.23			
		2593.0	18.57	19.11	18.55			
		2547.0	18.68	18.91	18.32			
		2501.0	18.68	19.05	18.42			
	25RB-Low (0)	2685.0	18.29	18.62	18.27			
		2639.0	18.68	18.63	18.09			
		2593.0	18.67	18.92	18.22			
		2547.0	18.60	18.90	18.28			
		2501.0	18.84	18.93	18.36			
50RB (0)	2685.0	18.29	18.55	18.15				
	2639.0	18.65	18.86	18.13				
	2593.0	18.85	19.09	18.53				
	2547.0	18.80	18.98	18.28				
	2501.0	18.72	19.04	18.38				
25MHz	1RB-High (74)	2682.5	18.38	18.53	18.61			
		2637.8	18.71	18.86	18.77			
		2593.0	18.68	18.96	18.89			
		2548.3	18.67	18.79	18.81			
		2503.5	18.69	18.92	18.76			
	1RB-Middle (37)	2682.5	18.48	18.63	18.63			
		2637.8	18.77	18.92	18.75			
		2593.0	18.79	18.99	19.17			
		2548.3	18.73	18.92	18.92			
		2503.5	18.82	18.99	18.88			
	1RB-Low (0)	2682.5	18.36	18.55	18.77			
		2637.8	18.70	18.77	18.68			
		2593.0	18.66	18.95	18.74			
		2548.3	18.63	18.91	18.73			
		2503.5	18.62	18.83	18.74			
36RB-High (38)	2682.5	18.40	18.78	18.29				
	2637.8	18.77	18.85	18.23				
	2593.0	18.92	19.04	18.49				
	2548.3	18.71	19.03	18.32				
	2503.5	18.87	19.09	18.52				
36RB-Middle (19)	2682.5	18.41	18.55	18.18				
	2637.8	18.71	18.87	18.23				
	2593.0	18.58	19.12	18.54				
	2548.3	18.66	18.94	18.30				
	2503.5	18.69	19.03	18.45				
36RB-Low (0)	2682.5	18.32	18.64	18.29				
	2637.8	18.65	18.59	18.13				
	2593.0	18.69	18.95	18.25				
	2548.3	18.57	18.90	18.24				
	2503.5	18.81	18.93	18.33				
75RB (0)	2682.5	18.27	18.56	18.15				
	2637.8	18.68	18.88	18.15				
	2593.0	18.84	19.07	18.49				
	2548.3	18.78	18.99	18.28				
	2503.5	18.69	19.07	18.37				
30MHz	1RB-High (99)	2680.0	18.41	18.58	18.69			
		2636.5	18.74	18.85	18.79			
		2593.0	18.72	18.94	18.82			
		2549.5	18.65	18.84	18.73			
		2506.0	18.70	18.91	18.77			
	1RB-Middle (50)	2680.0	18.47	18.63	18.57			
		2636.5	18.77	18.90	18.79			
		2593.0	18.86	18.96	19.21			
		2549.5	18.74	18.92	18.88			
		2506.0	18.73	18.95	18.90			
	1RB-Low (0)	2680.0	18.36	18.58	18.73			
		2636.5	18.65	18.83	18.72			
		2593.0	18.63	18.90	18.71			
		2549.5	18.61	18.88	18.72			
		2506.0	18.70	18.81	18.67			
50RB-High (50)	2680.0	18.38	18.69	18.28				
	2636.5	18.73	18.84	18.21				
	2593.0	18.82	19.03	18.46				
	2549.5	18.69	19.00	18.35				
	2506.0	18.87	19.09	18.45				
50RB-Middle (25)	2680.0	18.36	18.60	18.17				
	2636.5	18.71	18.87	18.23				
	2593.0	18.55	19.11	18.50				
	2549.5	18.68	18.93	18.31				
	2506.0	18.64	19.02	18.43				
50RB-Low (0)	2680.0	18.33	18.58	18.28				
	2636.5	18.65	18.70	18.08				
	2593.0	18.66	18.92	18.28				
	2549.5	18.63	18.89	18.24				
	2506.0	18.83	18.94	18.39				
100RB (0)	2680.0	18.29	18.57	18.18				
	2636.5	18.62	18.86	18.15				
	2593.0	18.83	19.12	18.49				
	2549.5	18.77	18.98	18.33				
	2506.0	18.77	18.97	18.43				



Ant.5 - LTE Band 41 Power Level DSI4

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2687.5	15.35	15.38	15.63	16.7	16.7	16.7
		2640.3	15.73	15.69	15.73			
		2593.0	16.72	15.70	15.91			
		2545.8	15.77	15.64	15.61			
	1RB-Middle (12)	2498.5	15.70	15.70	15.98	16.7	16.7	16.7
		2687.5	15.53	15.42	15.55			
		2640.3	15.74	15.78	15.98			
		2593.0	15.84	15.84	15.99			
	1RB-Low (0)	2545.8	15.76	15.80	15.89	16.7	16.7	16.7
		2498.5	16.72	15.73	15.94			
		2687.5	15.29	15.34	15.59			
		2640.3	15.55	15.69	15.83			
	12RB-High (13)	2593.0	15.63	15.58	15.90	16.7	16.7	16.7
		2545.8	15.76	15.69	15.89			
		2498.5	15.91	15.90	16.11			
		2687.5	15.48	15.35	15.57			
	12RB-Middle (6)	2640.3	15.89	15.71	15.87	16.7	16.7	16.7
		2593.0	15.82	15.54	15.88			
		2545.8	15.59	15.65	15.90			
		2498.5	15.70	15.70	16.02			
	12RB-Low (0)	2687.5	15.32	15.30	15.65	16.7	16.7	16.7
		2640.3	15.61	15.58	15.69			
		2593.0	16.08	15.58	15.90			
		2545.8	15.59	15.61	15.83			
	25RB (0)	2498.5	15.81	15.89	15.95	16.7	16.7	16.7
		2687.5	15.41	15.27	15.57			
		2640.3	15.55	15.56	15.93			
		2593.0	15.93	15.85	16.10			
10MHz	1RB-High (49)	2685.0	15.32	15.39	15.60	16.7	16.7	16.7
		2639.0	15.80	15.70	15.76			
		2593.0	15.75	15.71	15.91			
		2547.0	15.78	15.66	15.89			
	1RB-Middle (24)	2501.0	15.70	15.67	15.98	16.7	16.7	16.7
		2685.0	15.50	15.44	15.57			
		2639.0	15.78	15.77	15.85			
		2593.0	15.82	15.82	16.00			
	1RB-Low (0)	2547.0	15.78	15.84	15.90	16.7	16.7	16.7
		2501.0	15.70	15.75	15.93			
		2685.0	15.32	15.33	15.61			
		2639.0	15.51	15.67	15.85			
	25RB-High (25)	2593.0	15.61	15.58	15.88	16.7	16.7	16.7
		2547.0	15.64	15.58	15.96			
		2501.0	15.69	15.68	15.78			
		2685.0	15.29	15.33	15.68			
	25RB-Middle (12)	2639.0	15.74	15.72	15.94	16.7	16.7	16.7
		2593.0	15.85	15.35	15.99			
		2547.0	15.77	15.65	16.04			
		2501.0	15.90	15.92	16.10			
	25RB-Low (0)	2685.0	15.48	15.35	15.55	16.7	16.7	16.7
		2639.0	15.69	15.71	15.87			
		2593.0	15.81	15.51	16.15			
		2547.0	15.60	15.65	15.90			
	50RB (0)	2501.0	15.71	15.70	16.06	16.7	16.7	16.7
		2685.0	15.30	15.33	15.68			
		2639.0	15.63	15.62	15.68			
		2593.0	15.08	15.60	15.96			
15MHz	1RB-High (74)	2547.0	15.56	15.81	15.85	16.7	16.7	16.7
		2501.0	15.78	15.93	15.98			
		2682.5	15.38	15.28	15.54			
		2639.0	15.55	15.56	15.82			
	1RB-Middle (37)	2593.0	15.90	15.82	16.13	16.7	16.7	16.7
		2547.0	15.78	15.81	16.04			
		2501.0	15.70	15.76	15.95			
		2682.5	15.34	15.35	15.60			
	1RB-Low (0)	2637.8	15.52	15.70	15.84	16.7	16.7	16.7
		2593.0	15.63	15.60	15.94			
		2548.3	15.62	15.55	15.88			
		2503.5	15.68	15.69	15.77			
	36RB-High (38)	2682.5	15.25	15.32	15.72	16.7	16.7	16.7
		2637.8	15.74	15.70	15.92			
		2593.0	15.85	15.98	15.97			
		2548.3	15.74	15.62	16.04			
	36RB-Middle (19)	2503.5	15.89	15.89	16.12	16.7	16.7	16.7
		2682.5	15.47	15.34	15.58			
		2637.8	15.69	15.71	15.87			
		2593.0	15.81	15.49	16.12			
	36RB-Low (0)	2548.3	15.59	15.65	15.94	16.7	16.7	16.7
		2503.5	15.68	15.70	16.09			
		2682.5	15.32	15.30	15.70			
		2637.8	15.62	15.64	15.68			
	75RB (0)	2593.0	16.11	15.62	15.82	16.7	16.7	16.7
		2548.3	15.58	15.65	15.98			
		2503.5	15.81	15.92	16.00			
		2682.5	15.34	15.25	15.54			
20MHz	1RB-High (99)	2637.8	15.54	15.56	15.95	16.7	16.7	16.7
		2593.0	15.91	15.85	16.15			
		2548.3	15.78	15.82	16.03			
		2503.5	15.72	15.83	15.93			
	1RB-Middle (50)	2680.0	15.37	15.41	15.60	16.7	16.7	16.7
		2636.5	15.77	15.71	15.89			
		2593.0	16.73	15.69	15.90			
		2549.5	15.74	15.63	15.84			
	1RB-Low (0)	2506.0	15.69	15.67	15.94	16.7	16.7	16.7
		2680.0	15.55	15.44	15.59			
		2636.5	15.76	15.80	15.88			
		2593.0	15.81	15.84	15.99			
	50RB-High (50)	2549.5	15.74	15.77	15.91	16.7	16.7	16.7
		2506.0	15.71	15.72	15.96			
		2680.0	15.30	15.35	15.60			
		2636.5	15.56	15.69	15.94			
	50RB-Middle (25)	2593.0	15.59	15.59	15.90	16.7	16.7	16.7
		2549.5	15.61	15.58	15.84			
		2506.0	15.72	15.74	15.77			
		2680.0	15.28	15.36	15.71			
	50RB-Low (0)	2636.5	15.66	15.75	15.87	16.7	16.7	16.7
		2593.0	15.86	15.91	16.04			
		2549.5	15.74	15.69	16.02			
		2506.0	15.84	15.87	16.13			
	100RB (0)	2680.0	15.45	15.38	15.57	16.7	16.7	16.7
		2636.5	15.69	15.71	15.87			
		2593.0	15.82	15.53	16.15			
		2549.5	15.59	15.68	15.91			
		2506.0	15.70	15.68	16.04	16.7	16.7	16.7
		2680.0	15.36	15.31	15.63			
		2636.5	15.65	15.61	15.69			
		2593.0	15.85	15.62	15.91			
		2549.5	15.59	15.63	15.96	16.7	16.7	16.7
		2506.0	15.80	15.88	15.94			
		2680.0	15.37	15.31	15.55			
		2636.5	15.57	15.59	15.89			
		2593.0	15.92	15.82	16.10	16.7	16.7	16.7
		2549.5	15.84	15.80	16.00			
		2506.0	15.67	15.71	15.98			
		2680.0	15.45	15.38	15.57			



Ant.5 - LTE Band 41 Power Level DSI1

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
5MHz	1RB-High (24)	2687.5	20.82	20.09	19.12	22.2	21.2	20.2
		2640.3	21.10	20.36	19.24			
		2593.0	21.19	20.40	19.31			
		2545.8	21.10	20.37	19.21			
	1RB-Middle (12)	2498.5	21.14	20.40	19.27			
		2687.5	20.88	20.13	19.07			
		2640.3	21.20	20.46	19.33			
		2593.0	21.20	20.50	19.68			
	1RB-Low (0)	2545.8	21.21	20.47	19.35			
		2498.5	21.21	20.46	19.37			
		2687.5	20.77	20.08	19.26			
		2640.3	21.13	20.33	19.18			
	12RB-High (13)	2593.0	21.17	20.35	19.21			
		2545.8	21.13	20.39	19.19			
		2498.5	21.10	20.37	19.17			
		2687.5	19.91	19.11	18.30			
	12RB-Middle (6)	2640.3	20.10	19.30	18.23			
		2593.0	20.34	19.53	18.43			
		2545.8	20.21	19.51	18.35			
		2498.5	20.29	19.57	18.41			
	12RB-Low (0)	2687.5	19.86	19.10	18.18			
		2640.3	20.11	19.35	18.23			
		2593.0	20.31	19.54	18.44			
		2545.8	20.19	19.42	18.34			
	25RB (0)	2498.5	20.29	19.51	18.45			
		2687.5	19.80	19.05	18.25			
		2640.3	19.95	19.23	18.09			
		2593.0	20.21	19.41	18.32			
10MHz	1RB-High (49)	2685.0	20.79	20.12	19.12	22.2	21.2	20.2
		2639.0	21.11	20.38	19.26			
		2593.0	21.16	20.39	19.34			
		2547.0	21.12	20.36	19.20			
	1RB-Middle (24)	2501.0	21.14	20.42	19.28			
		2685.0	20.86	20.10	19.06			
		2639.0	21.23	20.42	19.30			
		2593.0	21.21	20.49	19.65			
	1RB-Low (0)	2547.0	21.24	20.47	19.33			
		2501.0	21.19	20.45	19.41			
		2685.0	20.73	20.06	19.24			
		2639.0	21.16	20.31	19.21			
	25RB-High (25)	2593.0	21.21	20.39	19.25			
		2547.0	21.15	20.42	19.19			
		2501.0	21.07	20.35	19.19			
		2685.0	19.90	19.12	18.28			
	25RB-Middle (12)	2639.0	20.12	19.32	18.19			
		2593.0	20.32	19.56	18.40			
		2547.0	20.23	19.48	18.36			
		2501.0	20.29	19.55	18.43			
	25RB-Low (0)	2685.0	19.88	19.10	18.19			
		2639.0	20.11	19.35	18.23			
		2593.0	20.31	19.56	18.41			
		2547.0	20.18	19.45	18.33			
	50RB (0)	2501.0	20.29	19.53	18.45			
		2685.0	19.83	19.02	18.24			
		2639.0	19.98	19.24	18.07			
		2593.0	20.21	19.42	18.35			
15MHz	1RB-High (74)	2547.0	20.15	19.35	18.21	22.2	21.2	20.2
		2501.0	20.20	19.43	18.41			
		2685.0	19.81	19.08	18.21			
		2639.0	20.11	19.38	18.15			
	1RB-Middle (37)	2593.0	20.36	19.61	18.49			
		2547.0	20.23	19.44	18.26			
		2501.0	20.21	19.44	18.38			
		2682.5	20.84	20.10	19.12			
	1RB-Low (0)	2637.8	21.13	20.35	19.24			
		2593.0	21.22	20.36	19.34			
		2548.3	21.09	20.39	19.26			
		2503.5	21.13	20.36	19.27			
	36RB-High (38)	2682.5	20.89	20.13	19.05			
		2637.8	21.24	20.49	19.32			
		2593.0	21.18	20.47	19.61			
		2548.3	21.23	20.51	19.38			
	36RB-Middle (19)	2503.5	21.20	20.44	19.35			
		2682.5	20.77	20.12	19.26			
		2637.8	21.14	20.28	19.13			
		2593.0	21.12	20.35	19.20			
	36RB-Low (0)	2548.3	21.11	20.45	19.21			
		2503.5	21.07	20.37	19.19			
		2682.5	19.90	19.11	18.31			
		2637.8	20.09	19.32	18.16			
	75RB (0)	2593.0	20.30	19.53	18.45	21.2	20.2	19.2
		2548.3	20.14	19.46	18.42			
		2503.5	20.32	19.62	18.42			
		2682.5	19.86	19.07	18.25			
1RB-High (99)	2637.8	20.11	19.35	18.23				
	2593.0	20.34	19.50	18.44				
	2548.3	20.15	19.37	18.30				
	2503.5	20.31	19.55	18.45				
1RB-Middle (50)	2682.5	19.80	19.06	18.27				
	2637.8	19.95	19.27	18.11				
	2593.0	20.21	19.47	18.36				
	2548.3	20.14	19.41	18.18				
1RB-Low (0)	2503.5	20.18	19.48	18.34				
	2682.5	19.77	19.12	18.19				
	2637.8	20.04	19.39	18.17				
	2593.0	20.37	19.60	18.52				
20MHz	1RB-High (99)	2548.3	20.19	19.50	18.36	21.2	20.2	19.2
		2503.5	20.21	19.44	18.38			
		2680.0	20.82	20.06	19.15			
		2636.5	21.14	20.35	19.26			
	1RB-Middle (50)	2593.0	21.16	20.42	19.31			
		2549.5	21.09	20.34	19.18			
		2506.0	21.17	20.41	19.27			
		2680.0	20.91	20.12	19.05			
	1RB-Low (0)	2636.5	21.18	20.43	19.30			
		2593.0	21.23	20.48	19.69			
		2549.5	21.19	20.45	19.33			
		2506.0	21.21	20.47	19.36			
	50RB-High (50)	2680.0	20.80	20.08	19.24			
		2636.5	21.10	20.34	19.21			
		2593.0	21.13	20.36	19.22			
		2549.5	21.10	20.36	19.18			
	50RB-Middle (25)	2506.0	21.06	20.34	19.18			
		2680.0	19.89	19.14	18.28			
		2636.5	20.12	19.34	18.20			
		2593.0	20.33	19.54	18.47			
	50RB-Low (0)	2549.5	20.25	19.50	18.38			
		2506.0	20.30	19.53	18.43			
		2680.0	19.87	19.08	18.16			
		2636.5	20.11	19.35	18.23			
	100RB (0)	2593.0	20.31	19.56	18.46			
		2549.5	20.17	19.44	18.31			
		2506.0	20.30	19.53	18.42			
		2680.0	19.79	19.06	18.27			
100RB (0)	2636.5	19.96	19.20	18.07				
	2593.0	20.17	19.43	18.31				
	2549.5	20.12	19.39	18.25				
	2506.0	20.22	19.44	18.35				
100RB (0)	2680.0	19.84	19.05	18.20				
	2636.5	20.08	19.35	18.18				
	2593.0	20.37	19.61	18.46				
	2549.5	20.18	19.45	18.30				



Ant.1 - LTE Band 66 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1779.3	17.51	17.81	17.75	18.5	18.5	18.5
		1745.0	17.42	17.82	17.65			
		1710.7	17.39	17.57	17.50			
	1RB-Middle (3)	1779.3	17.44	17.89	17.70			
		1745.0	17.43	17.72	17.62			
		1710.7	17.36	17.65	17.64			
	1RB-Low (0)	1779.3	17.44	17.72	17.56			
		1745.0	17.39	17.72	17.72			
		1710.7	17.32	17.90	17.45			
	3RB-High (3)	1779.3	17.47	17.61	17.66			
		1745.0	17.48	17.67	17.65			
		1710.7	17.37	17.55	17.51			
	3RB-Middle (1)	1779.3	17.49	17.73	17.63			
		1745.0	17.43	17.59	17.58			
		1710.7	17.36	17.54	17.52			
	3RB-Low (0)	1779.3	17.48	17.60	17.56			
		1745.0	17.45	17.48	17.63			
		1710.7	17.39	17.50	17.50			
	6RB (0)	1779.3	17.50	17.55	17.53			
		1745.0	17.46	17.58	17.46			
		1710.7	17.40	17.45	17.50			
3MHz	1RB-High (14)	1778.5	17.43	17.77	17.72	18.5	18.5	18.5
		1745.0	17.39	17.77	17.62			
		1711.5	17.34	17.74	17.75			
	1RB-Middle (7)	1778.5	17.49	17.85	17.87			
		1745.0	17.48	17.71	17.68			
		1711.5	17.41	17.73	17.67			
	1RB-Low (0)	1778.5	17.39	17.84	17.71			
		1745.0	17.37	17.78	17.57			
		1711.5	17.29	17.59	17.60			
	8RB-High (7)	1778.5	17.51	17.57	17.56			
		1745.0	17.51	17.59	17.57			
		1711.5	17.46	17.54	17.49			
	8RB-Middle (4)	1778.5	17.49	17.65	17.61			
		1745.0	17.49	17.64	17.63			
		1711.5	17.48	17.54	17.56			
	8RB-Low (0)	1778.5	17.47	17.56	17.62			
		1745.0	17.48	17.57	17.60			
		1711.5	17.42	17.53	17.51			
	15RB (0)	1778.5	17.43	17.52	17.54			
		1745.0	17.46	17.61	17.52			
		1711.5	17.39	17.50	17.46			
5MHz	1RB-High (24)	1777.5	17.39	17.76	17.70	18.5	18.5	18.5
		1745.0	17.39	17.76	17.51			
		1712.5	17.33	17.77	17.56			
	1RB-Middle (12)	1777.5	17.52	17.91	17.76			
		1745.0	17.51	17.75	17.75			
		1712.5	17.43	17.90	17.68			
	1RB-Low (0)	1777.5	17.45	17.86	17.62			
		1745.0	17.42	17.69	17.47			
		1712.5	17.39	17.66	17.64			
	12RB-High (13)	1777.5	17.50	17.55	17.56			
		1745.0	17.48	17.50	17.56			
		1712.5	17.43	17.45	17.53			
	12RB-Middle (6)	1777.5	17.56	17.60	17.57			
		1745.0	17.50	17.55	17.56			
		1712.5	17.45	17.49	17.48			
	12RB-Low (0)	1777.5	17.44	17.43	17.44			
		1745.0	17.40	17.46	17.45			
		1712.5	17.44	17.48	17.45			
	25RB (0)	1777.5	17.40	17.43	17.52			
		1745.0	17.38	17.48	17.48			
		1712.5	17.42	17.49	17.47			
10MHz	1RB-High (49)	1775.0	17.42	17.71	17.70	18.5	18.5	18.5
		1745.0	17.44	17.78	17.58			
		1715.0	17.39	17.88	17.55			
	1RB-Middle (24)	1775.0	17.52	17.76	17.85			
		1745.0	17.45	17.87	17.59			
		1715.0	17.40	17.67	17.76			
	1RB-Low (0)	1775.0	17.45	17.99	17.73			
		1745.0	17.44	17.92	17.67			
		1715.0	17.33	17.82	17.66			
	25RB-High (25)	1775.0	17.49	17.54	17.52			
		1745.0	17.50	17.52	17.49			
		1715.0	17.43	17.49	17.47			
	25RB-Middle (12)	1775.0	17.52	17.57	17.61			
		1745.0	17.44	17.44	17.50			
		1715.0	17.49	17.53	17.56			
	25RB-Low (0)	1775.0	17.49	17.58	17.61			
		1745.0	17.43	17.47	17.49			
		1715.0	17.45	17.48	17.53			
	50RB (0)	1775.0	17.51	17.56	17.57			
		1745.0	17.40	17.43	17.49			
		1715.0	17.42	17.49	17.48			
15MHz	1RB-High (74)	1772.5	17.24	17.62	17.59	18.5	18.5	18.5
		1745.0	17.30	17.49	17.65			
		1717.5	17.28	17.55	17.41			
	1RB-Middle (37)	1772.5	17.29	17.60	17.60			
		1745.0	17.25	17.62	17.54			
		1717.5	17.21	17.74	17.31			
	1RB-Low (0)	1772.5	17.26	17.32	17.56			
		1745.0	17.24	17.50	17.69			
		1717.5	17.19	17.47	17.72			
	36RB-High (38)	1772.5	17.37	17.42	17.40			
		1745.0	17.34	17.38	17.41			
		1717.5	17.29	17.36	17.35			
	36RB-Middle (19)	1772.5	17.35	17.45	17.37			
		1745.0	17.30	17.28	17.31			
		1717.5	17.33	17.33	17.30			
	36RB-Low (0)	1772.5	17.34	17.36	17.35			
		1745.0	17.30	17.34	17.30			
		1717.5	17.24	17.26	17.36			
	75RB (0)	1772.5	17.41	17.45	17.38			
		1745.0	17.29	17.32	17.30			
		1717.5	17.34	17.36	17.37			
20MHz	1RB-High (99)	1770.0	17.20	17.62	17.64	18.5	18.5	18.5
		1745.0	17.24	17.63	17.66			
		1720.0	17.22	17.37	17.38			
	1RB-Middle (50)	1770.0	17.31	17.56	17.60			
		1745.0	17.29	17.49	17.50			
		1720.0	17.27	17.36	17.41			
	1RB-Low (0)	1770.0	17.24	17.59	17.57			
		1745.0	17.26	17.66	17.65			
		1720.0	17.27	17.74	17.73			
	50RB-High (50)	1770.0	17.38	17.40	17.42			
		1745.0	17.34	17.39	17.35			
		1720.0	17.34	17.35	17.35			
	50RB-Middle (25)	1770.0	17.30	17.36	17.32			
		1745.0	17.32	17.30	17.27			
		1720.0	17.32	17.34	17.31			
	50RB-Low (0)	1770.0	17.32	17.34	17.32			
		1745.0	17.33	17.35	17.39			
		1720.0	17.30	17.35	17.33			
	100RB (0)	1770.0	17.31	17.35	17.32			
		1745.0	17.30	17.31	17.30			
		1720.0	17.33	17.34	17.38			



Ant.1 - LTE Band 66 Power Level DS14

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1779.3	16.55	16.82	16.68	17.5	17.5	17.5
		1745.0	16.55	17.02	16.73			
		1710.7	16.49	16.88	16.59			
	1RB-Middle (3)	1779.3	16.57	17.00	16.84			
		1745.0	16.55	16.97	16.80			
		1710.7	16.50	16.82	16.81			
	1RB-Low (0)	1779.3	16.57	16.94	16.75			
		1745.0	16.51	16.80	16.77			
		1710.7	16.49	16.81	16.59			
	3RB-High (3)	1779.3	16.60	16.78	16.68			
		1745.0	16.57	16.70	16.59			
		1710.7	16.53	16.72	16.71			
	3RB-Middle (1)	1779.3	16.58	16.71	16.84			
		1745.0	16.58	16.77	16.65			
		1710.7	16.51	16.66	16.63			
	3RB-Low (0)	1779.3	16.59	16.74	16.72			
		1745.0	16.56	16.67	16.76			
		1710.7	16.52	16.54	16.72			
	6RB (0)	1779.3	16.61	16.71	16.65			
		1745.0	16.60	16.61	16.62			
		1710.7	16.51	16.58	16.55			
3MHz	1RB-High (14)	1778.5	16.54	16.96	16.95	17.5	17.5	17.5
		1745.0	16.53	16.84	16.71			
		1711.5	16.45	16.81	16.68			
	1RB-Middle (7)	1778.5	16.58	17.09	16.83			
		1745.0	16.64	16.99	16.81			
		1711.5	16.56	16.98	16.70			
	1RB-Low (0)	1778.5	16.55	16.94	16.81			
		1745.0	16.55	16.78	16.72			
		1711.5	16.45	16.77	16.73			
	8RB-High (7)	1778.5	16.59	16.70	16.63			
		1745.0	16.65	16.67	16.63			
		1711.5	16.57	16.61	16.56			
	8RB-Middle (4)	1778.5	16.65	16.67	16.69			
		1745.0	16.62	16.76	16.76			
		1711.5	16.60	16.65	16.67			
	8RB-Low (0)	1778.5	16.64	16.69	16.65			
		1745.0	16.61	16.66	16.63			
		1711.5	16.52	16.56	16.60			
	15RB (0)	1778.5	16.61	16.61	16.66			
		1745.0	16.58	16.67	16.61			
		1711.5	16.58	16.59	16.58			
5MHz	1RB-High (24)	1777.5	16.56	16.75	16.99	17.5	17.5	17.5
		1745.0	16.58	16.89	16.78			
		1712.5	16.53	16.91	16.66			
	1RB-Middle (12)	1777.5	16.59	16.97	16.73			
		1745.0	16.65	16.97	16.79			
		1712.5	16.54	16.91	16.88			
	1RB-Low (0)	1777.5	16.53	16.80	16.77			
		1745.0	16.57	16.81	16.77			
		1712.5	16.51	16.89	16.63			
	12RB-High (13)	1777.5	16.63	16.59	16.62			
		1745.0	16.59	16.65	16.59			
		1712.5	16.61	16.61	16.61			
	12RB-Middle (6)	1777.5	16.69	16.69	16.65			
		1745.0	16.66	16.62	16.67			
		1712.5	16.63	16.65	16.62			
	12RB-Low (0)	1777.5	16.56	16.57	16.66			
		1745.0	16.55	16.52	16.59			
		1712.5	16.55	16.55	16.56			
	25RB (0)	1777.5	16.55	16.55	16.56			
		1745.0	16.56	16.53	16.59			
		1712.5	16.57	16.54	16.62			
10MHz	1RB-High (48)	1775.0	16.56	16.99	16.82	17.5	17.5	17.5
		1745.0	16.59	16.87	16.86			
		1715.0	16.53	16.87	16.51			
	1RB-Middle (24)	1775.0	16.65	17.09	16.82			
		1745.0	16.63	16.79	16.84			
		1715.0	16.49	16.88	16.61			
	1RB-Low (0)	1775.0	16.61	16.94	16.78			
		1745.0	16.56	16.83	16.87			
		1715.0	16.54	16.92	16.69			
	25RB-High (25)	1775.0	16.64	16.64	16.65			
		1745.0	16.63	16.62	16.65			
		1715.0	16.58	16.62	16.63			
	25RB-Middle (12)	1775.0	16.69	16.70	16.68			
		1745.0	16.57	16.59	16.62			
		1715.0	16.65	16.66	16.65			
	25RB-Low (0)	1775.0	16.67	16.64	16.70			
		1745.0	16.54	16.60	16.58			
		1715.0	16.60	16.57	16.54			
	50RB (0)	1775.0	16.66	16.65	16.68			
		1745.0	16.56	16.56	16.58			
		1715.0	16.57	16.60	16.60			
15MHz	1RB-High (74)	1772.5	16.36	16.61	16.44	17.5	17.5	17.5
		1745.0	16.44	16.80	16.77			
		1717.5	16.41	16.56	16.56			
	1RB-Middle (37)	1772.5	16.50	16.74	16.63			
		1745.0	16.42	16.73	16.61			
		1717.5	16.35	16.74	16.52			
	1RB-Low (0)	1772.5	16.42	16.73	16.52			
		1745.0	16.40	16.68	16.78			
		1717.5	16.36	16.66	16.53			
	36RB-High (38)	1772.5	16.52	16.53	16.55			
		1745.0	16.50	16.51	16.56			
		1717.5	16.46	16.46	16.48			
	36RB-Middle (19)	1772.5	16.57	16.49	16.54			
		1745.0	16.46	16.45	16.38			
		1717.5	16.51	16.44	16.47			
	36RB-Low (0)	1772.5	16.45	16.48	16.50			
		1745.0	16.45	16.44	16.48			
		1717.5	16.41	16.40	16.37			
	75RB (0)	1772.5	16.55	16.57	16.55			
		1745.0	16.45	16.44	16.41			
		1717.5	16.47	16.45	16.48			
20MHz	1RB-High (99)	1770.0	16.38	16.64	16.57	17.5	17.5	17.5
		1745.0	16.32	16.83	16.63			
		1720.0	16.34	16.61	16.50			
	1RB-Middle (50)	1770.0	16.46	16.72	16.75			
		1745.0	16.38	16.69	16.72			
		1720.0	16.36	16.95	16.52			
	1RB-Low (0)	1770.0	16.37	16.87	16.76			
		1745.0	16.34	16.67	16.60			
		1720.0	16.29	16.43	16.51			
	50RB-High (50)	1770.0	16.47	16.49	16.54			
		1745.0	16.45	16.55	16.54			
		1720.0	16.43	16.49	16.43			
	50RB-Middle (25)	1770.0	16.37	16.43	16.45			
		1745.0	16.36	16.45	16.44			
		1720.0	16.39	16.54	16.48			
	50RB-Low (0)	1770.0	16.36	16.51	16.49			
		1745.0	16.37	16.45	16.44			
		1720.0	16.38	16.49	16.44			
	100RB (0)	1770.0	16.34	16.45	16.48			
		1745.0	16.36	16.44	16.43			
		1720.0	16.36	16.49	16.45			



Ant.1 - LTE Band 66 Power Level DSI1

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1779.3	21.79	21.83	20.48	22.8	22.4	21.4
		1745.0	21.74	21.67	20.53			
		1710.7	21.61	21.64	20.45			
	1RB-Middle (3)	1779.3	21.82	21.68	20.59			
		1745.0	21.79	21.78	20.69			
		1710.7	21.66	21.77	20.59			
	1RB-Low (0)	1779.3	21.71	21.76	20.48			
		1745.0	21.79	21.83	20.52			
		1710.7	21.64	21.61	20.45			
	3RB-High (3)	1779.3	21.80	21.57	20.58			
		1745.0	21.83	21.58	20.44			
		1710.7	21.71	21.38	20.46			
	3RB-Middle (1)	1779.3	21.87	21.70	20.57			
		1745.0	21.85	21.45	20.59			
		1710.7	21.72	21.44	20.45			
	3RB-Low (0)	1779.3	21.82	21.56	20.46			
		1745.0	21.81	21.55	20.44			
		1710.7	21.71	21.56	20.34			
	6RB (0)	1779.3	21.37	20.48	19.39			
		1745.0	21.36	20.50	19.41			
		1710.7	21.34	20.34	19.35			
3MHz	1RB-High (14)	1778.5	21.78	21.56	20.53	22.8	22.4	21.4
		1745.0	21.73	21.65	20.50			
		1711.5	21.63	21.58	20.54			
	1RB-Middle (7)	1778.5	21.87	21.71	20.80			
		1745.0	21.84	21.74	20.64			
		1711.5	21.72	21.68	20.65			
	1RB-Low (0)	1778.5	21.76	21.54	20.59			
		1745.0	21.79	21.70	20.47			
		1711.5	21.61	21.50	20.46			
	8RB-High (7)	1778.5	21.46	20.48	19.53			
		1745.0	21.38	20.43	19.48			
		1711.5	21.35	20.43	19.37			
	8RB-Middle (4)	1778.5	21.44	20.50	19.45			
		1745.0	21.41	20.48	19.45			
		1711.5	21.39	20.40	19.40			
	8RB-Low (0)	1778.5	21.44	20.49	19.40			
		1745.0	21.44	20.54	19.43			
		1711.5	21.36	20.45	19.39			
	15RB (0)	1778.5	21.40	20.44	19.38			
		1745.0	21.40	20.45	19.39			
		1711.5	21.37	20.36	19.41			
5MHz	1RB-High (24)	1777.5	21.76	21.95	20.61	22.8	22.4	21.4
		1745.0	21.75	21.72	20.49			
		1712.5	21.69	21.72	20.48			
	1RB-Middle (12)	1777.5	21.88	21.83	20.59			
		1745.0	21.85	21.58	20.72			
		1712.5	21.77	21.81	20.33			
	1RB-Low (0)	1777.5	21.72	21.73	20.45			
		1745.0	21.77	21.60	20.76			
		1712.5	21.68	21.63	20.52			
	12RB-High (13)	1777.5	21.43	20.51	19.41			
		1745.0	21.45	20.47	19.49			
		1712.5	21.36	20.40	19.37			
	12RB-Middle (6)	1777.5	21.51	20.50	19.43			
		1745.0	21.45	20.46	19.44			
		1712.5	21.38	20.40	19.38			
	12RB-Low (0)	1777.5	21.35	20.41	19.38			
		1745.0	21.37	20.33	19.38			
		1712.5	21.37	20.36	19.34			
	25RB (0)	1777.5	21.34	20.38	19.33			
		1745.0	21.34	20.36	19.33			
		1712.5	21.39	20.34	19.39			
10MHz	1RB-High (48)	1775.0	21.80	21.72	20.50	22.8	22.4	21.4
		1745.0	21.82	21.81	20.60			
		1715.0	21.73	21.73	20.38			
	1RB-Middle (24)	1775.0	21.78	21.79	20.71			
		1745.0	21.88	21.85	20.58			
		1715.0	21.71	21.86	20.46			
	1RB-Low (0)	1775.0	21.85	21.71	20.62			
		1745.0	21.86	21.81	20.36			
		1715.0	21.70	21.64	20.47			
	25RB-High (25)	1775.0	21.42	20.48	19.44			
		1745.0	21.44	20.46	19.40			
		1715.0	21.39	20.44	19.38			
	25RB-Middle (12)	1775.0	21.46	20.50	19.51			
		1745.0	21.42	20.46	19.33			
		1715.0	21.42	20.43	19.38			
	25RB-Low (0)	1775.0	21.43	20.51	19.46			
		1745.0	21.35	20.43	19.37			
		1715.0	21.35	20.40	19.37			
	50RB (0)	1775.0	21.45	20.44	19.41			
		1745.0	21.34	20.38	19.35			
		1715.0	21.37	20.42	19.39			
15MHz	1RB-High (74)	1772.5	21.52	21.37	20.43	22.8	22.4	21.4
		1745.0	21.65	21.55	20.50			
		1717.5	21.57	21.52	20.17			
	1RB-Middle (37)	1772.5	21.63	21.52	20.32			
		1745.0	21.61	21.52	20.16			
		1717.5	21.50	21.52	20.39			
	1RB-Low (0)	1772.5	21.59	21.60	20.49			
		1745.0	21.59	21.52	20.28			
		1717.5	21.56	21.59	20.40			
	36RB-High (38)	1772.5	21.35	20.34	19.31			
		1745.0	21.31	20.29	19.34			
		1717.5	21.26	20.29	19.26			
	36RB-Middle (19)	1772.5	21.34	20.34	19.30			
		1745.0	21.23	20.24	19.19			
		1717.5	21.25	20.26	19.23			
	36RB-Low (0)	1772.5	21.26	20.33	19.27			
		1745.0	21.21	20.30	19.20			
		1717.5	21.18	20.23	19.17			
	75RB (0)	1772.5	21.34	20.33	19.31			
		1745.0	21.19	20.23	19.28			
		1717.5	21.25	20.30	19.21			
20MHz	1RB-High (99)	1770.0	21.57	21.69	20.39	22.8	22.4	21.4
		1745.0	21.58	21.52	20.35			
		1720.0	21.57	21.59	20.26			
	1RB-Middle (50)	1770.0	21.74	21.38	20.58			
		1745.0	21.62	21.52	20.43			
		1720.0	21.59	21.62	20.50			
	1RB-Low (0)	1770.0	21.60	21.64	20.53			
		1745.0	21.65	21.64	20.45			
		1720.0	21.54	21.51	20.38			
	50RB-High (50)	1770.0	21.32	20.38	19.33			
		1745.0	21.27	20.28	19.27			
		1720.0	21.27	20.24	19.26			
	50RB-Middle (25)	1770.0	21.25	20.25	19.22			
		1745.0	21.26	20.23	19.24			
		1720.0	21.26	20.28	19.22			
	50RB-Low (0)	1770.0	21.25	20.26	19.29			
		1745.0	21.23	20.21	19.22			
		1720.0	21.25	20.28	19.25			
	100RB (0)	1770.0	21.27	20.27	19.24			
		1745.0	21.22	20.23	19.21			
		1720.0	21.21	20.29	19.23			



Ant.1 - LTE Band 66 Power Level DSI3

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1779.3	20.79	21.32	20.63	21.8	21.8	21.4
		1745.0	20.80	21.25	20.46			
		1710.7	20.69	21.16	20.40			
	1RB-Middle (3)	1779.3	20.82	21.05	20.66			
		1745.0	20.79	21.38	20.58			
		1710.7	20.77	21.05	20.44			
	1RB-Low (0)	1779.3	20.81	21.19	20.59			
		1745.0	20.78	21.21	20.54			
		1710.7	20.72	20.98	20.45			
	3RB-High (3)	1779.3	20.82	20.90	20.52			
		1745.0	20.84	21.04	20.49			
		1710.7	20.73	20.93	20.28			
	3RB-Middle (1)	1779.3	20.82	21.03	20.47			
		1745.0	20.82	21.01	20.55			
		1710.7	20.74	20.90	20.39			
	3RB-Low (0)	1779.3	20.86	21.00	20.49			
		1745.0	20.83	21.05	20.51			
		1710.7	20.76	20.82	20.40			
	6RB (0)	1779.3	20.86	20.49	19.43			
		1745.0	20.80	20.49	19.38			
		1710.7	20.72	20.35	19.33			
3MHz	1RB-High (14)	1778.5	20.75	21.09	20.59	21.8	21.8	21.4
		1745.0	20.72	21.07	20.51			
		1711.5	20.71	20.99	20.40			
	1RB-Middle (7)	1778.5	20.83	21.32	20.77			
		1745.0	20.84	21.20	20.65			
		1711.5	20.81	21.02	20.50			
	1RB-Low (0)	1778.5	20.82	21.17	20.53			
		1745.0	20.72	21.10	20.40			
		1711.5	20.74	21.11	20.59			
	8RB-High (7)	1778.5	20.91	20.53	19.39			
		1745.0	20.82	20.46	19.40			
		1711.5	20.83	20.46	19.31			
	8RB-Middle (4)	1778.5	20.88	20.57	19.48			
		1745.0	20.84	20.52	19.48			
		1711.5	20.80	20.54	19.39			
	8RB-Low (0)	1778.5	20.85	20.45	19.40			
		1745.0	20.88	20.50	19.38			
		1711.5	20.77	20.47	19.29			
	15RB (0)	1778.5	20.84	20.50	19.41			
		1745.0	20.83	20.38	19.40			
		1711.5	20.79	20.40	19.37			
5MHz	1RB-High (24)	1777.5	20.79	21.11	20.73	21.8	21.8	21.4
		1745.0	20.79	21.09	20.63			
		1712.5	20.72	21.15	20.41			
	1RB-Middle (12)	1777.5	20.88	21.31	20.45			
		1745.0	20.80	21.27	20.55			
		1712.5	20.80	21.07	20.65			
	1RB-Low (0)	1777.5	20.78	21.23	20.58			
		1745.0	20.73	21.10	20.38			
		1712.5	20.72	20.98	20.47			
	12RB-High (13)	1777.5	20.84	20.45	19.44			
		1745.0	20.83	20.49	19.35			
		1712.5	20.76	20.39	19.31			
	12RB-Middle (6)	1777.5	20.89	20.54	19.48			
		1745.0	20.93	20.53	19.43			
		1712.5	20.80	20.43	19.37			
	12RB-Low (0)	1777.5	20.78	20.45	19.35			
		1745.0	20.78	20.39	19.30			
		1712.5	20.78	20.37	19.34			
	25RB (0)	1777.5	20.77	20.35	19.29			
		1745.0	20.75	20.39	19.31			
		1712.5	20.80	20.38	19.37			
10MHz	1RB-High (49)	1775.0	20.68	21.25	20.59	21.8	21.8	21.4
		1745.0	20.80	21.15	20.51			
		1715.0	20.75	21.17	20.48			
	1RB-Middle (24)	1775.0	20.84	21.13	20.72			
		1745.0	20.83	21.04	20.54			
		1715.0	20.80	21.12	20.59			
	1RB-Low (0)	1775.0	20.81	21.13	20.52			
		1745.0	20.76	21.23	20.60			
		1715.0	20.69	21.06	20.30			
	25RB-High (25)	1775.0	20.88	20.48	19.42			
		1745.0	20.84	20.46	19.38			
		1715.0	20.78	20.39	19.37			
	25RB-Middle (12)	1775.0	20.88	20.51	19.43			
		1745.0	20.82	20.45	19.38			
		1715.0	20.80	20.44	19.34			
	25RB-Low (0)	1775.0	20.89	20.50	19.43			
		1745.0	20.79	20.40	19.31			
		1715.0	20.79	20.44	19.36			
	50RB (0)	1775.0	20.86	20.48	19.41			
		1745.0	20.80	20.39	19.28			
		1715.0	20.81	20.36	19.30			
15MHz	1RB-High (74)	1772.5	20.62	21.04	20.37	21.8	21.8	21.4
		1745.0	20.67	20.80	20.31			
		1717.5	20.60	20.91	20.43			
	1RB-Middle (37)	1772.5	20.71	21.00	20.38			
		1745.0	20.69	20.86	20.43			
		1717.5	20.59	20.82	20.32			
	1RB-Low (0)	1772.5	20.66	20.99	20.50			
		1745.0	20.64	20.90	20.47			
		1717.5	20.57	20.88	20.33			
	36RB-High (38)	1772.5	20.74	20.32	19.32			
		1745.0	20.73	20.34	19.29			
		1717.5	20.65	20.24	19.24			
	36RB-Middle (19)	1772.5	20.76	20.36	19.34			
		1745.0	20.62	20.23	19.18			
		1717.5	20.67	20.27	19.23			
	36RB-Low (0)	1772.5	20.68	20.30	19.23			
		1745.0	20.65	20.33	19.15			
		1717.5	20.61	20.22	19.18			
	75RB (0)	1772.5	20.78	20.35	19.30			
		1745.0	20.64	20.31	19.21			
		1717.5	20.70	20.30	19.28			
20MHz	1RB-High (99)	1770.0	20.62	20.98	20.30	21.8	21.8	21.4
		1745.0	20.57	20.98	20.29			
		1720.0	20.60	20.80	20.44			
	1RB-Middle (50)	1770.0	20.65	20.88	20.35			
		1745.0	20.61	21.30	20.45			
		1720.0	20.56	20.93	20.37			
	1RB-Low (0)	1770.0	20.55	21.08	20.54			
		1745.0	20.48	20.86	20.53			
		1720.0	20.60	20.74	20.35			
	50RB-High (50)	1770.0	20.73	20.36	19.37			
		1745.0	20.70	20.32	19.31			
		1720.0	20.68	20.29	19.25			
	50RB-Middle (25)	1770.0	20.66	20.30	19.26			
		1745.0	20.65	20.24	19.24			
		1720.0	20.69	20.30	19.28			
	50RB-Low (0)	1770.0	20.70	20.27	19.23			
		1745.0	20.64	20.26	19.22			
		1720.0	20.71	20.24	19.22			
	100RB (0)	1770.0	20.68	20.26	19.30			
		1745.0	20.64	20.32	19.20			
		1720.0	20.70	20.25	19.27			



Ant.4 - LTE Band 66 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1779.3	22.75	22.22	20.98	24.0	23.0	22.0
		1745.0	22.79	22.19	21.30			
		1710.7	22.72	22.13	20.96			
	1RB-Middle (3)	1779.3	22.84	22.24	21.17			
		1745.0	22.82	22.21	21.08			
		1710.7	22.76	22.02	21.12			
	1RB-Low (0)	1779.3	22.82	22.09	21.06			
		1745.0	22.80	22.26	21.06			
		1710.7	22.65	22.06	21.11			
	3RB-High (3)	1779.3	22.84	22.05	21.09			
		1745.0	22.88	21.97	21.05			
		1710.7	22.78	21.91	21.04			
	3RB-Middle (1)	1779.3	22.82	21.92	21.07			
		1745.0	22.82	22.01	21.11			
		1710.7	22.73	21.94	21.02			
	3RB-Low (0)	1779.3	22.84	22.19	21.05			
		1745.0	22.86	21.93	21.10			
		1710.7	22.75	21.90	20.93			
	6RB (0)	1779.3	21.85	20.95	19.94			
		1745.0	21.84	20.92	20.00			
		1710.7	21.79	20.86	19.92			
3MHz	1RB-High (14)	1778.5	22.79	22.19	21.28	24.0	23.0	22.0
		1745.0	22.84	22.09	21.21			
		1711.5	22.74	22.06	20.95			
	1RB-Middle (7)	1778.5	22.83	22.29	21.13			
		1745.0	22.91	22.18	21.21			
		1711.5	22.79	22.14	21.16			
	1RB-Low (0)	1778.5	22.77	22.15	21.04			
		1745.0	22.76	22.07	21.30			
		1711.5	22.74	21.97	20.99			
	8RB-High (7)	1778.5	21.87	20.92	19.96			
		1745.0	21.92	20.96	19.97			
		1711.5	21.83	20.94	19.90			
	8RB-Middle (4)	1778.5	21.88	21.00	20.00			
		1745.0	21.94	21.05	20.04			
		1711.5	21.88	20.86	20.01			
	8RB-Low (0)	1778.5	21.87	20.98	19.99			
		1745.0	21.86	21.00	20.01			
		1711.5	21.79	20.93	19.92			
	15RB (0)	1778.5	21.85	20.91	19.96			
		1745.0	21.86	20.92	19.97			
		1711.5	21.78	20.85	19.90			
5MHz	1RB-High (24)	1777.5	22.83	22.15	21.04	24.0	23.0	22.0
		1745.0	22.85	22.17	21.16			
		1712.5	22.74	22.03	21.05			
	1RB-Middle (12)	1777.5	22.82	22.17	21.22			
		1745.0	22.87	22.35	21.15			
		1712.5	22.76	22.21	21.09			
	1RB-Low (0)	1777.5	22.75	22.19	21.18			
		1745.0	22.85	22.18	21.04			
		1712.5	22.74	22.17	21.09			
	12RB-High (13)	1777.5	21.87	20.94	19.97			
		1745.0	21.91	20.87	19.90			
		1712.5	21.82	20.85	19.89			
	12RB-Middle (6)	1777.5	21.93	20.97	20.02			
		1745.0	21.94	20.99	20.00			
		1712.5	21.85	20.85	19.93			
	12RB-Low (0)	1777.5	21.81	20.87	19.89			
		1745.0	21.83	20.88	19.87			
		1712.5	21.81	20.89	19.93			
	25RB (0)	1777.5	21.80	20.81	19.85			
		1745.0	21.80	20.82	19.88			
		1712.5	21.84	20.85	19.90			
10MHz	1RB-High (49)	1775.0	22.86	22.20	21.21	24.0	23.0	22.0
		1745.0	22.79	22.24	21.08			
		1715.0	22.80	22.17	21.15			
	1RB-Middle (24)	1775.0	22.85	22.21	21.20			
		1745.0	22.88	22.26	21.23			
		1715.0	22.79	22.11	21.07			
	1RB-Low (0)	1775.0	22.84	22.24	21.20			
		1745.0	22.82	22.00	21.18			
		1715.0	22.86	22.07	20.99			
	25RB-High (25)	1775.0	21.93	20.89	19.94			
		1745.0	21.90	20.90	19.95			
		1715.0	21.83	20.84	19.89			
	25RB-Middle (12)	1775.0	21.93	20.97	20.04			
		1745.0	21.86	20.87	19.90			
		1715.0	21.85	20.91	19.98			
	25RB-Low (0)	1775.0	21.93	20.92	19.98			
		1745.0	21.85	20.84	19.88			
		1715.0	21.80	20.81	19.93			
	50RB (0)	1775.0	21.91	20.93	20.00			
		1745.0	21.84	20.88	19.87			
		1715.0	21.82	20.86	19.87			
15MHz	1RB-High (74)	1772.5	22.69	21.92	21.06	24.0	23.0	22.0
		1745.0	22.76	22.05	20.99			
		1717.5	22.73	21.93	21.13			
	1RB-Middle (37)	1772.5	22.68	21.90	21.04			
		1745.0	22.75	22.06	21.03			
		1717.5	22.60	22.01	20.91			
	1RB-Low (0)	1772.5	22.75	21.95	21.09			
		1745.0	22.70	21.87	20.93			
		1717.5	22.63	21.99	20.96			
	36RB-High (38)	1772.5	21.82	20.82	19.87			
		1745.0	21.77	20.80	19.77			
		1717.5	21.75	20.75	19.80			
	36RB-Middle (19)	1772.5	21.79	20.84	19.90			
		1745.0	21.71	20.77	19.77			
		1717.5	21.76	20.72	19.78			
	36RB-Low (0)	1772.5	21.74	20.77	19.77			
		1745.0	21.75	20.76	19.82			
		1717.5	21.69	20.67	19.75			
	75RB (0)	1772.5	21.81	20.85	19.87			
		1745.0	21.71	20.75	19.79			
		1717.5	21.70	20.72	19.82			
20MHz	1RB-High (99)	1770.0	22.67	22.02	21.09	24.0	23.0	22.0
		1745.0	22.74	21.89	20.99			
		1720.0	22.70	22.02	20.96			
	1RB-Middle (50)	1770.0	22.76	21.97	20.91			
		1745.0	22.74	21.94	20.95			
		1720.0	22.66	21.97	20.78			
	1RB-Low (0)	1770.0	22.77	22.08	21.17			
		1745.0	22.79	22.14	21.06			
		1720.0	22.71	22.03	20.79			
	50RB-High (50)	1770.0	21.78	20.83	19.89			
		1745.0	21.79	20.80	19.82			
		1720.0	21.74	20.75	19.74			
	50RB-Middle (25)	1770.0	21.73	20.75	19.79			
		1745.0	21.76	20.75	19.80			
		1720.0	21.72	20.74	19.79			
	50RB-Low (0)	1770.0	21.77	20.76	19.84			
		1745.0	21.78	20.73	19.76			
		1720.0	21.70	20.77	19.82			
	100RB (0)	1770.0	21.76	20.76	19.77			
		1745.0	21.73	20.72	19.72			
		1720.0	21.72	20.81	19.80			



Ant.4 - LTE Band 66 Power Level DSI1

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1779.3	22.34	22.36	21.06	23.4	23.0	22.0
		1745.0	22.31	22.17	21.12			
		1710.7	22.16	22.22	21.03			
	1RB-Middle (3)	1779.3	22.39	22.29	21.11			
		1745.0	22.36	22.27	21.10			
		1710.7	22.25	22.29	21.15			
	1RB-Low (0)	1779.3	22.32	22.17	21.12			
		1745.0	22.25	22.20	20.91			
		1710.7	22.12	22.13	21.08			
	3RB-High (3)	1779.3	22.39	22.03	21.11			
		1745.0	22.33	22.07	20.99			
		1710.7	22.25	21.98	20.98			
	3RB-Middle (1)	1779.3	22.33	22.10	21.08			
		1745.0	22.40	22.08	21.07			
		1710.7	22.25	22.03	21.01			
	3RB-Low (0)	1779.3	22.35	22.07	21.10			
		1745.0	22.37	22.01	21.00			
		1710.7	22.24	21.94	21.01			
	6RB (0)	1779.3	21.91	21.01	19.97			
		1745.0	21.86	20.88	19.97			
		1710.7	21.81	20.91	19.89			
3MHz	1RB-High (14)	1778.5	22.28	22.21	21.19	23.4	23.0	22.0
		1745.0	22.27	22.26	21.21			
		1711.5	22.19	22.12	21.01			
	1RB-Middle (7)	1778.5	22.35	22.25	21.12			
		1745.0	22.43	22.51	21.22			
		1711.5	22.26	22.02	21.37			
	1RB-Low (0)	1778.5	22.25	22.22	21.13			
		1745.0	22.28	22.27	21.10			
		1711.5	22.17	22.07	21.09			
	8RB-High (7)	1778.5	21.91	21.09	19.96			
		1745.0	21.95	20.94	20.00			
		1711.5	21.90	20.93	19.95			
	8RB-Middle (4)	1778.5	21.93	21.05	19.98			
		1745.0	21.98	21.05	19.96			
		1711.5	21.94	20.96	19.97			
	8RB-Low (0)	1778.5	21.94	20.97	19.92			
		1745.0	21.99	20.99	19.97			
		1711.5	21.93	20.93	20.01			
	15RB (0)	1778.5	21.97	20.95	19.88			
		1745.0	21.98	20.95	20.02			
		1711.5	21.91	20.91	19.91			
5MHz	1RB-High (24)	1777.5	22.30	22.39	21.21	23.4	23.0	22.0
		1745.0	22.37	22.24	21.12			
		1712.5	22.20	22.24	21.17			
	1RB-Middle (12)	1777.5	22.41	22.32	21.31			
		1745.0	22.38	22.39	21.37			
		1712.5	22.28	22.18	21.10			
	1RB-Low (0)	1777.5	22.29	22.24	21.04			
		1745.0	22.36	22.22	20.95			
		1712.5	22.16	22.01	21.19			
	12RB-High (13)	1777.5	21.94	20.91	19.96			
		1745.0	21.95	20.98	20.01			
		1712.5	21.86	20.89	19.89			
	12RB-Middle (6)	1777.5	21.97	21.01	20.00			
		1745.0	22.02	20.97	20.00			
		1712.5	21.91	20.92	19.95			
	12RB-Low (0)	1777.5	21.90	20.87	19.89			
		1745.0	21.87	20.94	19.89			
		1712.5	21.89	20.96	19.92			
	25RB (0)	1777.5	21.90	20.90	19.86			
		1745.0	21.86	20.89	19.85			
		1712.5	21.90	20.86	19.91			
10MHz	1RB-High (49)	1775.0	22.31	22.27	21.01	23.4	23.0	22.0
		1745.0	22.32	22.33	20.89			
		1715.0	22.21	22.08	21.10			
	1RB-Middle (24)	1775.0	22.39	22.28	21.06			
		1745.0	22.38	22.34	21.06			
		1715.0	22.27	22.33	21.18			
	1RB-Low (0)	1775.0	22.35	22.25	21.07			
		1745.0	22.35	22.29	21.10			
		1715.0	22.25	22.25	21.15			
	25RB-High (25)	1775.0	21.94	20.98	19.96			
		1745.0	21.96	20.97	19.93			
		1715.0	21.90	20.93	19.89			
	25RB-Middle (12)	1775.0	22.01	21.06	20.01			
		1745.0	21.89	20.92	19.92			
		1715.0	21.96	20.96	19.93			
	25RB-Low (0)	1775.0	21.97	21.01	20.00			
		1745.0	21.93	20.94	19.82			
		1715.0	21.89	20.90	19.96			
	50RB (0)	1775.0	21.97	21.01	19.97			
		1745.0	21.89	20.93	19.90			
		1715.0	21.90	20.92	19.94			
15MHz	1RB-High (74)	1772.5	22.09	21.95	20.80	23.4	23.0	22.0
		1745.0	22.15	22.15	20.96			
		1717.5	22.13	22.06	21.02			
	1RB-Middle (37)	1772.5	22.14	22.24	21.08			
		1745.0	22.15	22.04	21.03			
		1717.5	22.04	22.07	20.73			
	1RB-Low (0)	1772.5	22.10	22.17	20.87			
		1745.0	22.16	22.06	20.91			
		1717.5	22.05	22.18	20.96			
	36RB-High (38)	1772.5	21.83	20.87	19.84			
		1745.0	21.82	20.86	19.85			
		1717.5	21.78	20.79	19.79			
	36RB-Middle (19)	1772.5	21.88	20.87	19.81			
		1745.0	21.78	20.75	19.75			
		1717.5	21.82	20.78	19.75			
	36RB-Low (0)	1772.5	21.82	20.78	19.80			
		1745.0	21.79	20.78	19.79			
		1717.5	21.71	20.73	19.74			
	75RB (0)	1772.5	21.90	20.92	19.86			
		1745.0	21.78	20.82	19.75			
		1717.5	21.82	20.79	19.76			
20MHz	1RB-High (99)	1770.0	22.11	21.97	20.97	23.4	23.0	22.0
		1745.0	22.16	22.22	20.88			
		1720.0	22.14	21.95	20.99			
	1RB-Middle (50)	1770.0	22.20	22.12	20.99			
		1745.0	22.12	22.20	20.84			
		1720.0	22.11	22.31	20.94			
	1RB-Low (0)	1770.0	22.20	22.21	20.81			
		1745.0	22.21	22.12	21.10			
		1720.0	22.15	22.00	21.05			
	50RB-High (50)	1770.0	21.90	20.82	19.83			
		1745.0	21.92	20.87	19.83			
		1720.0	21.84	20.83	19.76			
	50RB-Middle (25)	1770.0	21.80	20.81	19.78			
		1745.0	21.78	20.78	19.74			
		1720.0	21.83	20.84	19.79			
	50RB-Low (0)	1770.0	21.77	20.82	19.85			
		1745.0	21.75	20.81	19.77			
		1720.0	21.80	20.82	19.74			
	100RB (0)	1770.0	21.83	20.76	19.72			
		1745.0	21.84	20.76	19.71			
		1720.0	21.79	20.81	19.76			



Ant.4 - LTE Band 66 Power Level DSI3

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1779.3	21.20	21.60	21.16	22.4	22.4	22.0
		1745.0	21.25	21.48	21.03			
		1710.7	21.16	21.45	20.95			
	1RB-Middle (3)	1779.3	21.27	21.83	21.18			
		1745.0	21.30	21.73	21.05			
		1710.7	21.21	21.48	21.03			
	1RB-Low (0)	1779.3	21.27	21.74	21.11			
		1745.0	21.23	21.66	21.05			
		1710.7	21.18	21.52	20.89			
	3RB-High (3)	1779.3	21.25	21.34	20.98			
		1745.0	21.29	21.37	20.90			
		1710.7	21.20	21.36	20.83			
	3RB-Middle (1)	1779.3	21.25	21.46	20.92			
		1745.0	21.31	21.34	20.96			
		1710.7	21.20	21.32	20.97			
	3RB-Low (0)	1779.3	21.26	21.42	21.03			
		1745.0	21.31	21.35	20.93			
		1710.7	21.19	21.38	20.86			
	6RB (0)	1779.3	21.25	20.94	19.86			
		1745.0	21.25	20.91	19.84			
		1710.7	21.22	20.85	19.83			
3MHz	1RB-High (14)	1778.5	21.23	21.76	21.06	22.4	22.4	22.0
		1745.0	21.23	21.75	21.04			
		1711.5	21.08	21.39	21.00			
	1RB-Middle (7)	1778.5	21.29	21.55	21.12			
		1745.0	21.30	21.81	21.06			
		1711.5	21.21	21.59	21.04			
	1RB-Low (0)	1778.5	21.17	21.73	21.06			
		1745.0	21.23	21.71	20.99			
		1711.5	21.09	21.50	20.81			
	8RB-High (7)	1778.5	21.32	20.97	19.92			
		1745.0	21.33	20.92	19.91			
		1711.5	21.24	20.83	19.87			
	8RB-Middle (4)	1778.5	21.34	21.02	19.90			
		1745.0	21.32	20.98	19.93			
		1711.5	21.26	20.91	19.86			
	8RB-Low (0)	1778.5	21.32	20.96	19.89			
		1745.0	21.33	20.98	19.93			
		1711.5	21.27	20.92	19.89			
	15RB (0)	1778.5	21.30	20.93	19.91			
		1745.0	21.30	20.92	19.87			
		1711.5	21.24	20.83	19.89			
5MHz	1RB-High (24)	1777.5	21.24	21.62	21.04	22.4	22.4	22.0
		1745.0	21.19	21.55	20.91			
		1712.5	21.15	21.46	21.07			
	1RB-Middle (12)	1777.5	21.25	21.73	21.16			
		1745.0	21.31	21.67	21.20			
		1712.5	21.24	21.54	21.00			
	1RB-Low (0)	1777.5	21.21	21.50	21.08			
		1745.0	21.20	21.51	21.08			
		1712.5	21.17	21.49	20.86			
	12RB-High (13)	1777.5	21.30	20.91	19.87			
		1745.0	21.32	20.97	19.95			
		1712.5	21.23	20.86	19.88			
	12RB-Middle (6)	1777.5	21.34	21.01	19.98			
		1745.0	21.33	20.98	19.92			
		1712.5	21.31	20.90	19.91			
	12RB-Low (0)	1777.5	21.23	20.88	19.87			
		1745.0	21.26	20.94	19.86			
		1712.5	21.25	20.88	19.85			
	25RB (0)	1777.5	21.26	20.89	19.84			
		1745.0	21.26	20.88	19.82			
		1712.5	21.22	20.82	19.86			
10MHz	1RB-High (49)	1775.0	21.26	21.56	21.03	22.4	22.4	22.0
		1745.0	21.25	21.63	20.89			
		1715.0	21.17	21.46	21.15			
	1RB-Middle (24)	1775.0	21.32	21.63	21.04			
		1745.0	21.29	21.63	21.18			
		1715.0	21.23	21.47	21.15			
	1RB-Low (0)	1775.0	21.26	21.66	21.29			
		1745.0	21.25	21.72	20.96			
		1715.0	21.16	21.45	20.91			
	25RB-High (25)	1775.0	21.30	20.94	19.96			
		1745.0	21.29	20.97	19.93			
		1715.0	21.28	20.90	19.87			
	25RB-Middle (12)	1775.0	21.40	20.96	19.97			
		1745.0	21.32	20.91	19.84			
		1715.0	21.32	20.91	19.89			
	25RB-Low (0)	1775.0	21.35	20.95	19.93			
		1745.0	21.23	20.83	19.83			
		1715.0	21.26	20.80	19.89			
	50RB (0)	1775.0	21.34	20.93	19.95			
		1745.0	21.30	20.84	19.85			
		1715.0	21.26	20.86	19.87			
15MHz	1RB-High (74)	1772.5	21.04	21.25	20.81	22.4	22.4	22.0
		1745.0	21.15	21.51	20.87			
		1717.5	21.03	21.50	20.92			
	1RB-Middle (37)	1772.5	21.06	21.37	20.83			
		1745.0	21.08	21.32	20.91			
		1717.5	21.04	21.32	20.74			
	1RB-Low (0)	1772.5	21.08	21.50	20.96			
		1745.0	21.14	21.39	21.08			
		1717.5	21.08	21.20	20.92			
	36RB-High (38)	1772.5	21.22	20.87	19.83			
		1745.0	21.16	20.78	19.80			
		1717.5	21.13	20.78	19.77			
	36RB-Middle (19)	1772.5	21.21	20.81	19.88			
		1745.0	21.13	20.73	19.70			
		1717.5	21.19	20.75	19.73			
	36RB-Low (0)	1772.5	21.18	20.77	19.77			
		1745.0	21.15	20.76	19.72			
		1717.5	21.12	20.74	19.71			
	75RB (0)	1772.5	21.27	20.86	19.85			
		1745.0	21.14	20.74	19.69			
		1717.5	21.17	20.72	19.76			
20MHz	1RB-High (99)	1770.0	21.06	21.33	20.70	22.4	22.4	22.0
		1745.0	21.17	21.57	21.13			
		1720.0	21.11	21.28	21.04			
	1RB-Middle (50)	1770.0	21.15	21.33	21.15			
		1745.0	21.09	21.69	21.08			
		1720.0	21.06	21.19	20.99			
	1RB-Low (0)	1770.0	21.09	21.40	20.94			
		1745.0	21.38	21.40	20.94			
		1720.0	21.09	21.32	20.76			
	50RB-High (50)	1770.0	21.22	20.82	19.83			
		1745.0	21.26	20.79	19.79			
		1720.0	21.20	20.72	19.79			
	50RB-Middle (25)	1770.0	21.17	20.77	19.80			
		1745.0	21.16	20.71	19.80			
		1720.0	21.18	20.78	19.77			
	50RB-Low (0)	1770.0	21.16	20.76	19.76			
		1745.0	21.16	20.73	19.77			
		1720.0	21.15	20.77	19.75			
	100RB (0)	1770.0	21.19	20.76	19.79			
		1745.0	21.17	20.73	19.74			
		1720.0	21.16	20.80	19.75			



Ant.5 - LTE Band 66 Power Level DS12

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1779.3	18.26	18.05	18.34	19.3	19.3	19.3
		1745.0	18.21	18.21	18.19			
		1710.7	18.17	18.22	18.13			
	1RB-Middle (3)	1779.3	18.21	18.18	18.22			
		1745.0	18.12	18.20	18.12			
		1710.7	18.19	18.24	18.20			
	1RB-Low (0)	1779.3	18.17	18.19	18.14			
		1745.0	18.14	18.24	18.19			
		1710.7	18.10	18.15	18.17			
	3RB-High (3)	1779.3	18.26	18.42	18.52			
		1745.0	18.11	18.30	18.28			
		1710.7	18.15	18.33	18.26			
	3RB-Middle (1)	1779.3	18.01	18.21	18.22			
		1745.0	18.02	18.17	18.12			
		1710.7	18.14	18.27	18.23			
	3RB-Low (0)	1779.3	18.04	18.25	18.26			
		1745.0	18.06	18.17	18.14			
		1710.7	18.20	18.22	18.31			
	6RB (0)	1779.3	18.18	18.16	18.18			
		1745.0	18.02	18.17	18.17			
		1710.7	18.17	18.33	18.33			
3MHz	1RB-High (14)	1778.5	18.27	18.00	18.33	19.3	19.3	19.3
		1745.0	18.16	18.16	18.23			
		1711.5	18.12	18.19	18.16			
	1RB-Middle (7)	1778.5	18.17	18.22	18.19			
		1745.0	18.18	18.16	18.10			
		1711.5	18.17	18.20	18.22			
	1RB-Low (0)	1778.5	18.17	18.21	18.20			
		1745.0	18.17	18.20	18.21			
		1711.5	18.16	18.17	18.17			
	8RB-High (7)	1778.5	18.31	18.40	18.51			
		1745.0	18.13	18.26	18.29			
		1711.5	18.15	18.29	18.33			
	8RB-Middle (4)	1778.5	18.05	18.22	18.22			
		1745.0	18.05	18.13	18.15			
		1711.5	18.10	18.29	18.23			
	8RB-Low (0)	1778.5	18.06	18.19	18.27			
		1745.0	18.04	18.16	18.15			
		1711.5	18.19	18.25	18.25			
	15RB (0)	1778.5	18.17	18.13	18.15			
		1745.0	18.01	18.17	18.15			
		1711.5	18.18	18.30	18.28			
5MHz	1RB-High (24)	1777.5	18.24	18.05	18.28	19.3	19.3	19.3
		1745.0	18.17	18.17	18.24			
		1712.5	18.19	18.23	18.16			
	1RB-Middle (12)	1777.5	18.16	18.23	18.20			
		1745.0	18.17	18.17	18.12			
		1712.5	18.17	18.24	18.20			
	1RB-Low (0)	1777.5	18.14	18.15	18.21			
		1745.0	18.11	18.20	18.18			
		1712.5	18.13	18.22	18.13			
	12RB-High (13)	1777.5	18.29	18.39	18.50			
		1745.0	18.09	18.33	18.27			
		1712.5	18.13	18.28	18.29			
	12RB-Middle (6)	1777.5	18.01	18.25	18.23			
		1745.0	18.01	18.16	18.18			
		1712.5	18.07	18.35	18.26			
	12RB-Low (0)	1777.5	18.01	18.24	18.26			
		1745.0	18.01	18.15	18.11			
		1712.5	18.16	18.20	18.31			
	25RB (0)	1777.5	18.19	18.16	18.18			
		1745.0	18.06	18.16	18.19			
		1712.5	18.17	18.31	18.32			
10MHz	1RB-High (49)	1775.0	18.28	18.06	18.28	19.3	19.3	19.3
		1745.0	18.20	18.20	18.23			
		1715.0	18.14	18.18	18.19			
	1RB-Middle (24)	1775.0	18.22	18.18	18.17			
		1745.0	18.12	18.22	18.14			
		1715.0	18.12	18.20	18.19			
	1RB-Low (0)	1775.0	18.17	18.22	18.16			
		1745.0	18.17	18.20	18.19			
		1715.0	18.13	18.19	18.12			
	25RB-High (25)	1775.0	18.26	18.45	18.53			
		1745.0	18.08	18.27	18.24			
		1715.0	18.14	18.36	18.29			
	25RB-Middle (12)	1775.0	18.01	18.22	18.20			
		1745.0	18.03	18.12	18.13			
		1715.0	18.09	18.32	18.23			
	25RB-Low (0)	1775.0	18.04	18.25	18.27			
		1745.0	18.07	18.16	18.12			
		1715.0	18.12	18.24	18.26			
	50RB (0)	1775.0	18.18	18.16	18.17			
		1745.0	18.01	18.22	18.19			
		1715.0	18.17	18.31	18.26			
15MHz	1RB-High (74)	1772.5	18.29	18.03	18.27	19.3	19.3	19.3
		1745.0	18.21	18.15	18.20			
		1717.5	18.20	18.21	18.14			
	1RB-Middle (37)	1772.5	18.22	18.17	18.19			
		1745.0	18.17	18.16	18.17			
		1717.5	18.12	18.20	18.20			
	1RB-Low (0)	1772.5	18.19	18.21	18.20			
		1745.0	18.10	18.22	18.17			
		1717.5	18.11	18.22	18.15			
	36RB-High (38)	1772.5	18.25	18.39	18.52			
		1745.0	18.10	18.27	18.25			
		1717.5	18.20	18.35	18.26			
	36RB-Middle (19)	1772.5	18.02	18.22	18.22			
		1745.0	18.02	18.16	18.12			
		1717.5	18.09	18.29	18.26			
	36RB-Low (0)	1772.5	18.02	18.22	18.23			
		1745.0	18.06	18.19	18.16			
		1717.5	18.19	18.26	18.29			
	75RB (0)	1772.5	18.16	18.10	18.16			
		1745.0	18.04	18.21	18.18			
		1717.5	18.15	18.31	18.32			
20MHz	1RB-High (99)	1770.0	18.27	18.03	18.30	19.3	19.3	19.3
		1745.0	18.18	18.19	18.21			
		1720.0	18.16	18.21	18.15			
	1RB-Middle (50)	1770.0	18.20	18.21	18.18			
		1745.0	18.16	18.18	18.14			
		1720.0	18.15	18.22	18.19			
	1RB-Low (0)	1770.0	18.18	18.19	18.17			
		1745.0	18.14	18.20	18.18			
		1720.0	18.13	18.19	18.15			
	50RB-High (50)	1770.0	18.29	18.43	18.49			
		1745.0	18.11	18.29	18.26			
		1720.0	18.16	18.32	18.29			
	50RB-Middle (25)	1770.0	18.03	18.21	18.22			
		1745.0	18.04	18.15	18.15			
		1720.0	18.11	18.31	18.25			
	50RB-Low (0)	1770.0	18.03	18.22	18.24			
		1745.0	18.04	18.16	18.14			
		1720.0	18.16	18.24	18.28			
	100RB (0)	1770.0	18.18	18.12	18.16			
		1745.0	18.04	18.20	18.19			
		1720.0	18.15	18.30	18.30			



Ant.5 - LTE Band 66 Power Level DSI4

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1779.3	17.26	17.04	17.31	18.3	18.3	18.3
		1745.0	17.23	17.24	17.20			
		1710.7	17.21	17.25	17.16			
	1RB-Middle (3)	1779.3	17.18	17.15	17.24			
		1745.0	17.15	17.23	17.11			
		1710.7	17.18	17.22	17.17			
	1RB-Low (0)	1779.3	17.21	17.19	17.12			
		1745.0	17.16	17.27	17.19			
		1710.7	17.11	17.18	17.15			
	3RB-High (3)	1779.3	17.29	17.44	17.54			
		1745.0	17.12	17.34	17.29			
		1710.7	17.16	17.36	17.27			
	3RB-Middle (1)	1779.3	17.03	17.20	17.24			
		1745.0	17.05	17.13	17.11			
		1710.7	17.16	17.25	17.20			
	3RB-Low (0)	1779.3	17.04	17.23	17.26			
		1745.0	17.09	17.18	17.17			
		1710.7	17.18	17.20	17.32			
	6RB (0)	1779.3	17.20	17.13	17.20			
		1745.0	16.99	17.14	17.17			
		1710.7	17.14	17.36	17.37			
3MHz	1RB-High (14)	1778.5	17.30	16.99	17.31	18.3	18.3	18.3
		1745.0	17.14	17.12	17.26			
		1711.5	17.13	17.15	17.14			
	1RB-Middle (7)	1778.5	17.14	17.24	17.18			
		1745.0	17.18	17.16	17.10			
		1711.5	17.15	17.22	17.24			
	1RB-Low (0)	1778.5	17.17	17.24	17.23			
		1745.0	17.17	17.21	17.19			
		1711.5	17.15	17.16	17.15			
	8RB-High (7)	1778.5	17.28	17.42	17.53			
		1745.0	17.09	17.24	17.32			
		1711.5	17.18	17.33	17.34			
	8RB-Middle (4)	1778.5	17.06	17.23	17.19			
		1745.0	17.04	17.16	17.13			
		1711.5	17.09	17.29	17.23			
	8RB-Low (0)	1778.5	17.08	17.19	17.30			
		1745.0	17.06	17.13	17.19			
		1711.5	17.15	17.22	17.21			
	15RB (0)	1778.5	17.15	17.17	17.18			
		1745.0	17.02	17.15	17.19			
		1711.5	17.15	17.28	17.31			
5MHz	1RB-High (24)	1777.5	17.27	17.08	17.26	18.3	18.3	18.3
		1745.0	17.16	17.15	17.25			
		1712.5	17.19	17.23	17.13			
	1RB-Middle (12)	1777.5	17.18	17.22	17.17			
		1745.0	17.20	17.15	17.13			
		1712.5	17.17	17.27	17.23			
	1RB-Low (0)	1777.5	17.13	17.19	17.25			
		1745.0	17.14	17.22	17.14			
		1712.5	17.10	17.22	17.10			
	12RB-High (13)	1777.5	17.30	17.38	17.51			
		1745.0	17.09	17.37	17.26			
		1712.5	17.13	17.31	17.29			
	12RB-Middle (6)	1777.5	17.02	17.26	17.25			
		1745.0	16.98	17.16	17.18			
		1712.5	17.04	17.31	17.22			
	12RB-Low (0)	1777.5	17.04	17.23	17.30			
		1745.0	17.02	17.17	17.14			
		1712.5	17.15	17.16	17.29			
	25RB (0)	1777.5	17.19	17.14	17.20			
		1745.0	17.02	17.12	17.19			
		1712.5	17.16	17.28	17.33			
10MHz	1RB-High (49)	1775.0	17.28	17.09	17.28	18.3	18.3	18.3
		1745.0	17.16	17.20	17.20			
		1715.0	17.14	17.20	17.21			
	1RB-Middle (24)	1775.0	17.18	17.19	17.14			
		1745.0	17.14	17.19	17.11			
		1715.0	17.14	17.17	17.19			
	1RB-Low (0)	1775.0	17.18	17.25	17.13			
		1745.0	17.14	17.17	17.22			
		1715.0	17.09	17.23	17.11			
	25RB-High (25)	1775.0	17.29	17.45	17.57			
		1745.0	17.05	17.26	17.20			
		1715.0	17.14	17.36	17.32			
	25RB-Middle (12)	1775.0	17.02	17.21	17.19			
		1745.0	17.05	17.12	17.16			
		1715.0	17.05	17.35	17.26			
	25RB-Low (0)	1775.0	17.04	17.26	17.25			
		1745.0	17.03	17.14	17.15			
		1715.0	17.09	17.22	17.23			
	50RB (0)	1775.0	17.20	17.13	17.16			
		1745.0	17.00	17.23	17.17			
		1715.0	17.21	17.29	17.26			
15MHz	1RB-High (74)	1772.5	17.26	17.00	17.25	18.3	18.3	18.3
		1745.0	17.19	17.16	17.21			
		1717.5	17.18	17.20	17.17			
	1RB-Middle (37)	1772.5	17.24	17.13	17.16			
		1745.0	17.21	17.19	17.14			
		1717.5	17.15	17.18	17.19			
	1RB-Low (0)	1772.5	17.19	17.17	17.21			
		1745.0	17.06	17.24	17.17			
		1717.5	17.10	17.21	17.14			
	36RB-High (38)	1772.5	17.23	17.42	17.54			
		1745.0	17.12	17.30	17.23			
		1717.5	17.18	17.33	17.28			
	36RB-Middle (19)	1772.5	17.02	17.22	17.20			
		1745.0	16.99	17.12	17.09			
		1717.5	17.05	17.30	17.24			
	36RB-Low (0)	1772.5	17.04	17.19	17.25			
		1745.0	17.06	17.17	17.15			
		1717.5	17.23	17.26	17.28			
	75RB (0)	1772.5	17.12	17.12	17.14			
		1745.0	17.05	17.19	17.15			
		1717.5	17.17	17.32	17.32			
20MHz	1RB-High (99)	1770.0	17.23	17.06	17.28	18.3	18.3	18.3
		1745.0	17.22	17.23	17.19			
		1720.0	17.19	17.23	17.18			
	1RB-Middle (50)	1770.0	17.20	17.20	17.14			
		1745.0	17.18	17.18	17.16			
		1720.0	17.17	17.22	17.18			
	1RB-Low (0)	1770.0	17.15	17.22	17.15			
		1745.0	17.12	17.21	17.16			
		1720.0	17.15	17.17	17.14			
	50RB-High (50)	1770.0	17.26	17.41	17.48			
		1745.0	17.23	17.27	17.30			
		1720.0	17.17	17.34	17.25			
	50RB-Middle (25)	1770.0	17.07	17.21	17.19			
		1745.0	17.08	17.11	17.15			
		1720.0	17.11	17.34	17.26			
	50RB-Low (0)	1770.0	17.01	17.25	17.27			
		1745.0	17.05	17.15	17.16			
		1720.0	17.12	17.24	17.30			
	100RB (0)	1770.0	17.20	17.12	17.14			
		1745.0	17.01	17.18	17.22			
		1720.0	17.17	17.28	17.30			



Ant.5 - LTE Band 66 Power Level DSI1

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1779.3	21.11	20.47	19.51	22.1	21.1	20.1
		1745.0	21.11	20.47	19.36			
		1710.7	21.05	20.41	19.29			
	1RB-Middle (3)	1779.3	21.06	20.44	19.33			
		1745.0	21.01	20.42	19.29			
		1710.7	21.08	20.41	19.36			
	1RB-Low (0)	1779.3	21.09	20.45	19.37			
		1745.0	21.07	20.45	19.35			
		1710.7	21.03	20.44	19.31			
	3RB-High (3)	1779.3	21.06	20.53	19.56			
		1745.0	21.09	20.46	19.31			
		1710.7	21.09	20.46	19.36			
	3RB-Middle (1)	1779.3	21.10	20.41	19.30			
		1745.0	21.01	20.44	19.28			
		1710.7	21.07	20.39	19.31			
	3RB-Low (0)	1779.3	21.04	20.45	19.36			
		1745.0	21.02	20.39	19.34			
		1710.7	21.05	20.43	19.29			
	6RB (0)	1779.3	19.97	19.34	18.22	21.1	20.1	19.1
		1745.0	20.03	19.40	18.29			
		1710.7	20.10	19.46	18.41			
3MHz	1RB-High (14)	1778.5	21.07	20.48	19.52	22.1	21.1	20.1
		1745.0	21.08	20.42	19.33			
		1711.5	21.08	20.45	19.34			
	1RB-Middle (7)	1778.5	21.07	20.42	19.30			
		1745.0	21.01	20.39	19.26			
		1711.5	21.04	20.43	19.33			
	1RB-Low (0)	1778.5	21.06	20.42	19.36			
		1745.0	21.05	20.42	19.31			
		1711.5	21.07	20.40	19.35			
	8RB-High (7)	1778.5	20.17	19.59	18.69	21.1	20.1	19.1
		1745.0	20.10	19.46	18.34			
		1711.5	20.11	19.48	18.37			
	8RB-Middle (4)	1778.5	20.02	19.43	18.31			
		1745.0	19.98	19.40	18.29			
		1711.5	20.14	19.51	18.40			
	8RB-Low (0)	1778.5	20.04	19.44	18.32			
		1745.0	20.01	19.34	18.27			
		1711.5	20.07	19.45	18.40			
	15RB (0)	1778.5	20.01	19.34	18.28			
		1745.0	19.98	19.34	18.27			
		1711.5	20.06	19.44	18.37			
5MHz	1RB-High (24)	1777.5	21.11	20.46	19.55	22.1	21.1	20.1
		1745.0	21.05	20.47	19.36			
		1712.5	21.09	20.40	19.29			
	1RB-Middle (12)	1777.5	21.02	20.40	19.35			
		1745.0	21.00	20.37	19.27			
		1712.5	21.09	20.44	19.31			
	1RB-Low (0)	1777.5	21.09	20.49	19.37			
		1745.0	21.02	20.41	19.30			
		1712.5	21.08	20.45	19.34			
	12RB-High (13)	1777.5	20.14	19.56	18.65	21.1	20.1	19.1
		1745.0	20.11	19.45	18.38			
		1712.5	20.15	19.52	18.37			
	12RB-Middle (6)	1777.5	20.02	19.40	18.34			
		1745.0	20.04	19.41	18.29			
		1712.5	20.11	19.48	18.39			
	12RB-Low (0)	1777.5	20.04	19.40	18.34			
		1745.0	20.00	19.33	18.22			
		1712.5	20.09	19.50	18.33			
	25RB (0)	1777.5	20.00	19.38	18.26			
		1745.0	20.02	19.41	18.31			
		1712.5	20.14	19.48	18.40			
10MHz	1RB-High (49)	1775.0	21.10	20.53	19.56	22.1	21.1	20.1
		1745.0	21.09	20.43	19.37			
		1715.0	21.08	20.47	19.35			
	1RB-Middle (24)	1775.0	21.07	20.42	19.29			
		1745.0	21.00	20.38	19.34			
		1715.0	21.08	20.43	19.31			
	1RB-Low (0)	1775.0	21.04	20.44	19.33			
		1745.0	21.02	20.43	19.34			
		1715.0	21.05	20.40	19.37			
	25RB-High (25)	1775.0	20.10	19.56	18.65	21.1	20.1	19.1
		1745.0	20.10	19.45	18.40			
		1715.0	20.16	19.51	18.37			
	25RB-Middle (12)	1775.0	20.04	19.42	18.34			
		1745.0	20.03	19.37	18.25			
		1715.0	20.11	19.49	18.40			
	25RB-Low (0)	1775.0	20.06	19.38	18.28			
		1745.0	19.98	19.37	18.22			
		1715.0	20.08	19.50	18.38			
	50RB (0)	1775.0	20.02	19.32	18.25			
		1745.0	20.03	19.40	18.31			
		1715.0	20.06	19.47	18.38			
15MHz	1RB-High (74)	1772.5	21.06	20.48	19.52	22.1	21.1	20.1
		1745.0	21.08	20.47	19.37			
		1717.5	21.02	20.46	19.30			
	1RB-Middle (37)	1772.5	21.05	20.46	19.35			
		1745.0	21.03	20.39	19.27			
		1717.5	21.05	20.38	19.33			
	1RB-Low (0)	1772.5	21.07	20.41	19.36			
		1745.0	21.05	20.45	19.29			
		1717.5	21.04	20.46	19.33			
	36RB-High (38)	1772.5	20.15	19.60	18.71	21.1	20.1	19.1
		1745.0	20.11	19.46	18.40			
		1717.5	20.08	19.52	18.39			
	36RB-Middle (19)	1772.5	20.00	19.38	18.31			
		1745.0	19.98	19.34	18.31			
		1717.5	20.15	19.48	18.34			
	36RB-Low (0)	1772.5	20.00	19.42	18.33			
		1745.0	19.96	19.35	18.23			
		1717.5	20.12	19.49	18.35			
	75RB (0)	1772.5	19.96	19.31	18.29			
		1745.0	19.98	19.38	18.25			
		1717.5	20.13	19.47	18.36			
20MHz	1RB-High (99)	1770.0	21.09	20.49	19.55	22.1	21.1	20.1
		1745.0	21.07	20.44	19.34			
		1720.0	21.06	20.43	19.33			
	1RB-Middle (50)	1770.0	21.06	20.43	19.33			
		1745.0	21.03	20.40	19.30			
		1720.0	21.05	20.42	19.32			
	1RB-Low (0)	1770.0	21.08	20.45	19.35			
		1745.0	21.05	20.42	19.32			
		1720.0	21.06	20.43	19.33			
	50RB-High (50)	1770.0	20.13	19.58	18.67	21.1	20.1	19.1
		1745.0	20.11	19.48	18.38			
		1720.0	20.12	19.49	18.39			
	50RB-Middle (25)	1770.0	20.03	19.40	18.30			
		1745.0	20.01	19.38	18.28			
		1720.0	20.11	19.48	18.38			
	50RB-Low (0)	1770.0	20.04	19.41	18.31			
		1745.0	19.99	19.36	18.26			
		1720.0	20.10	19.47	18.37			
	100RB (0)	1770.0	19.98	19.35	18.25			
		1745.0	20.01	19.38	18.28			
		1720.0	20.10	19.47	18.37			



Ant.5 - LTE Band 66 Power Level DSI3

Bandwidth	Number of RBs	Frequency	QPSK	16QAM	64QAM	QPSK Tune-up	16QAM Tune-up	64QAM Tune-up
1.4MHz	1RB-High (5)	1779.3	19.91	20.10	19.56	20.9	20.9	20.1
		1745.0	19.78	20.07	19.34			
		1710.7	19.75	20.01	19.27			
	1RB-Middle (3)	1779.3	19.70	20.07	19.33			
		1745.0	19.61	20.03	19.25			
		1710.7	19.63	20.07	19.30			
	1RB-Low (0)	1779.3	19.73	20.09	19.32			
		1745.0	19.69	20.06	19.33			
		1710.7	19.64	20.08	19.37			
	3RB-High (3)	1779.3	19.90	20.09	19.56			
		1745.0	19.75	20.09	19.35			
		1710.7	19.74	19.97	19.29			
	3RB-Middle (1)	1779.3	19.66	20.06	19.34			
		1745.0	19.62	19.98	19.31			
		1710.7	19.66	20.03	19.28			
	3RB-Low (0)	1779.3	19.74	20.10	19.32			
		1745.0	19.70	20.01	19.30			
		1710.7	19.66	20.04	19.37			
	6RB (0)	1779.3	19.71	19.34	18.33	20.9	20.1	19.1
		1745.0	19.75	19.38	18.21			
		1710.7	19.90	19.50	18.39			
3MHz	1RB-High (14)	1778.5	19.92	20.06	19.61	20.9	20.9	20.1
		1745.0	19.73	20.07	19.33			
		1711.5	19.75	19.98	19.29			
	1RB-Middle (7)	1778.5	19.66	20.04	19.34			
		1745.0	19.68	19.98	19.31			
		1711.5	19.67	20.04	19.30			
	1RB-Low (0)	1778.5	19.80	20.04	19.30			
		1745.0	19.72	20.03	19.33			
		1711.5	19.67	20.08	19.35			
	8RB-High (7)	1778.5	19.88	19.62	18.68	20.9	20.1	19.1
		1745.0	19.88	19.54	18.32			
		1711.5	19.89	19.50	18.37			
	8RB-Middle (4)	1778.5	19.84	19.41	18.31			
		1745.0	19.81	19.38	18.26			
		1711.5	19.90	19.44	18.38			
	8RB-Low (0)	1778.5	19.78	19.39	18.26			
		1745.0	19.77	19.36	18.27			
		1711.5	19.83	19.47	18.38			
	15RB (0)	1778.5	19.69	19.34	18.31			
		1745.0	19.79	19.40	18.23			
		1711.5	19.90	19.50	18.41			
5MHz	1RB-High (24)	1777.5	19.92	20.07	19.58	20.9	20.9	20.1
		1745.0	19.78	20.05	19.34			
		1712.5	19.78	20.02	19.26			
	1RB-Middle (12)	1777.5	19.72	20.10	19.37			
		1745.0	19.61	20.00	19.25			
		1712.5	19.69	20.03	19.27			
	1RB-Low (0)	1777.5	19.77	20.09	19.29			
		1745.0	19.66	20.04	19.35			
		1712.5	19.71	20.07	19.38			
	12RB-High (13)	1777.5	19.92	19.59	18.70	20.9	20.1	19.1
		1745.0	19.90	19.54	18.39			
		1712.5	19.83	19.48	18.37			
	12RB-Middle (6)	1777.5	19.78	19.37	18.32			
		1745.0	19.83	19.34	18.26			
		1712.5	19.93	19.45	18.44			
	12RB-Low (0)	1777.5	19.80	19.41	18.25			
		1745.0	19.77	19.36	18.24			
		1712.5	19.84	19.46	18.36			
	25RB (0)	1777.5	19.74	19.33	18.27			
		1745.0	19.75	19.40	18.27			
		1712.5	19.90	19.45	18.36			
10MHz	1RB-High (49)	1775.0	19.85	20.11	19.62	20.9	20.9	20.1
		1745.0	19.77	20.08	19.36			
		1715.0	19.71	20.00	19.30			
	1RB-Middle (24)	1775.0	19.70	20.06	19.36			
		1745.0	19.64	20.00	19.28			
		1715.0	19.67	20.09	19.29			
	1RB-Low (0)	1775.0	19.78	20.09	19.32			
		1745.0	19.69	20.07	19.31			
		1715.0	19.68	20.09	19.36			
	25RB-High (25)	1775.0	19.96	19.61	18.73	20.9	20.1	19.1
		1745.0	19.92	19.49	18.37			
		1715.0	19.84	19.43	18.42			
	25RB-Middle (12)	1775.0	19.78	19.38	18.34			
		1745.0	19.81	19.40	18.26			
		1715.0	19.93	19.45	18.45			
	25RB-Low (0)	1775.0	19.77	19.35	18.30			
		1745.0	19.70	19.36	18.24			
		1715.0	19.87	19.47	18.42			
	50RB (0)	1775.0	19.75	19.37	18.28			
		1745.0	19.78	19.41	18.28			
		1715.0	19.84	19.50	18.37			
15MHz	1RB-High (74)	1772.5	19.91	20.07	19.61	20.9	20.9	20.1
		1745.0	19.75	20.06	19.34			
		1717.5	19.76	20.00	19.27			
	1RB-Middle (37)	1772.5	19.65	20.08	19.36			
		1745.0	19.64	20.00	19.25			
		1717.5	19.69	20.09	19.30			
	1RB-Low (0)	1772.5	19.75	20.12	19.29			
		1745.0	19.66	20.02	19.34			
		1717.5	19.67	20.08	19.33			
	36RB-High (38)	1772.5	19.91	19.61	18.72	20.9	20.1	19.1
		1745.0	19.89	19.55	18.32			
		1717.5	19.83	19.46	18.44			
	36RB-Middle (19)	1772.5	19.83	19.38	18.27			
		1745.0	19.84	19.35	18.24			
		1717.5	19.92	19.47	18.38			
	36RB-Low (0)	1772.5	19.80	19.37	18.25			
		1745.0	19.73	19.33	18.23			
		1717.5	19.85	19.46	18.39			
	75RB (0)	1772.5	19.71	19.37	18.26			
		1745.0	19.74	19.41	18.26			
		1717.5	19.88	19.45	18.42			
20MHz	1RB-High (99)	1770.0	19.89	20.09	19.59	20.9	20.9	20.1
		1745.0	19.76	20.09	19.32			
		1720.0	19.75	20.01	19.29			
	1RB-Middle (50)	1770.0	19.68	20.07	19.37			
		1745.0	19.65	20.00	19.28			
		1720.0	19.67	20.05	19.31			
	1RB-Low (0)	1770.0	19.76	20.08	19.32			
		1745.0	19.69	20.04	19.31			
		1720.0	19.68	20.06	19.37			
	50RB-High (50)	1770.0	19.92	19.61	18.70	20.9	20.1	19.1
		1745.0	19.91	19.52	18.36			
		1720.0	19.86	19.47	18.40			
	50RB-Middle (25)	1770.0	19.80	19.40	18.31			
		1745.0	19.81	19.38	18.25			
		1720.0	19.90	19.45	18.41			
	50RB-Low (0)	1770.0	19.79	19.38	18.28			
		1745.0	19.74	19.36	18.25			
		1720.0	19.86	19.45	18.40			
	100RB (0)	1770.0	19.71	19.35	18.29			
		1745.0	19.76	19.38	18.24			
		1720.0	19.87	19.49	18.39			

The device supports Inter-band and Intra-band uplink LTE Carrier Aggregation. The conducted power measurement results of Intra-band uplink CA are provided as follow.

Configure		Antenna	Power Level	CA List	PCC						SCC						Power	
					LTE	BW	UL	Mod.	UL#	UL	LTE	BW	UL	Mod.	UL#	UL	With CA	Without CA
					Band	(MHz)	Freq. (MHz)		RB	RB	Band	(MHz)	Freq. (MHz)		RB	RB	Tx. Power	Tx. Power
																	Offset	Offset
Intra-Band	Contiguous	1	DSI2	CA_7C	Band 7	20M	2560.0	QPSK	1	99	Band 7	20M	2540.2	QPSK	1	0	16.18	16.24
		1	DSI1	CA_7C	Band 7	20M	2560.0	QPSK	1	99	Band 7	20M	2540.2	QPSK	1	0	21.65	21.74
		4	DSI2	CA_7C	Band 7	20M	2535.0	QPSK	1	0	Band 7	20M	2554.8	QPSK	1	99	22.06	22.15
		4	DSI1	CA_7C	Band 7	20M	2535.0	QPSK	1	0	Band 7	20M	2554.8	QPSK	1	99	20.11	20.19
		5	DSI2	CA_7C	Band 7	20M	2510.0	QPSK	1	99	Band 7	20M	2529.8	QPSK	1	0	18.95	19.02
		5	DSI1	CA_7C	Band 7	20M	2510.0	QPSK	1	99	Band 7	20M	2529.8	QPSK	1	0	20.11	20.19
		1	DSI2	CA_38C	Band 38	20M	2610.0	QPSK	1	0	Band 38	20M	2590.2	QPSK	1	99	18.71	18.78
		1	DSI1	CA_38C	Band 38	20M	2610.0	QPSK	1	0	Band 38	20M	2590.2	QPSK	1	99	21.77	21.84
		4	DSI2	CA_38C	Band 38	20M	2595.0	QPSK	1	0	Band 38	20M	2614.8	QPSK	1	99	22.72	22.83
		4	DSI1	CA_38C	Band 38	20M	2595.0	QPSK	1	0	Band 38	20M	2614.8	QPSK	1	99	22.00	22.08
		5	DSI2	CA_38C	Band 38	20M	2595.0	QPSK	1	0	Band 38	20M	2614.8	QPSK	1	99	19.16	19.23
		5	DSI1	CA_38C	Band 38	20M	2595.0	QPSK	1	0	Band 38	20M	2614.8	QPSK	1	99	20.61	20.70
		1	DSI2	CA_41C	Band 41	20M	2593.0	QPSK	1	99	Band 41	20M	2612.8	QPSK	1	0	18.98	19.06
		1	DSI1	CA_41C	Band 41	20M	2593.0	QPSK	1	99	Band 41	20M	2612.8	QPSK	1	0	21.61	21.68
		4	DSI2	CA_41C	Band 41	20M	2593.0	QPSK	1	99	Band 41	20M	2612.8	QPSK	1	0	23.26	23.38
		4	DSI1	CA_41C	Band 41	20M	2593.0	QPSK	1	99	Band 41	20M	2612.8	QPSK	1	0	22.25	22.31
		5	DSI2	CA_41C	Band 41	20M	2593.0	QPSK	1	0	Band 41	20M	2612.8	QPSK	1	99	18.80	18.86
		5	DSI1	CA_41C	Band 41	20M	2593.0	QPSK	1	0	Band 41	20M	2612.8	QPSK	1	99	21.14	21.23

11.4. NR Measurement result

Maximum power reduction (MPR) for power class 3

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	$\leq 3.5^1$	$\leq 1.2^1$	$\leq 0.2^1$
		0.5 ²		0 ²
	QPSK	≤ 1	0	
	16 QAM	≤ 2	≤ 1	
	64 QAM	≤ 2.5		
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3	≤ 1.5	
	16 QAM	≤ 3	≤ 2	
	64 QAM	≤ 3.5		
	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 <i>powerBoosting-pi2BPSK</i> and if the IE <i>powerBoostPi2BPSK</i> 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 with Pi/2 BPSK modulation and if the IE <i>powerBoostPi2BPSK</i> 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 11.4: The conducted Power for NR
Ant.1 - NR n5 Power Level DSI2/DSI1 (Tune up: 24.0)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	846.5	169300	22.67
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	836.5	167300	22.65
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	826.5	165300	22.66
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	839.0	167800	22.81
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	836.5	167300	22.82
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	834.0	166800	22.77
15	20	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	836.5	167300	22.75
15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	836.5	167300	21.75
15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	836.5	167300	20.34
15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	836.5	167300	18.22
15	20	CP-OFDM QPSK	Inner_Full	50@25	836.5	167300	21.23
15	20	CP-OFDM 16QAM	Inner_Full	50@25	836.5	167300	20.69
15	20	CP-OFDM 64QAM	Inner_Full	50@25	836.5	167300	19.25
15	20	CP-OFDM 256QAM	Inner_Full	50@25	836.5	167300	16.24
15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@104	836.5	167300	21.70
15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	836.5	167300	21.78
15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@104	836.5	167300	22.73
15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	836.5	167300	22.80
15	20	DFT-s-OFDM QPSK	Outer_Full	100@0	836.5	167300	21.79
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	836.5	167300	22.73
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	836.5	167300	22.71

Ant.0 - NR n5 Power Level DSI2/DSI1 (Tune up: 24.2)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	846.5	169300	22.85
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	836.5	167300	22.77
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	826.5	165300	22.82
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	839.0	167800	22.88
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	836.5	167300	22.94
15	20	DFT-s-OFDM QPSK	Inner_Full	50@25	834.0	166800	22.92
15	20	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	836.5	167300	22.82
15	20	DFT-s-OFDM 16QAM	Inner_Full	50@25	836.5	167300	21.78
15	20	DFT-s-OFDM 64QAM	Inner_Full	50@25	836.5	167300	20.34
15	20	DFT-s-OFDM 256QAM	Inner_Full	50@25	836.5	167300	18.29
15	20	CP-OFDM QPSK	Inner_Full	50@25	836.5	167300	21.28
15	20	CP-OFDM 16QAM	Inner_Full	50@25	836.5	167300	20.77
15	20	CP-OFDM 64QAM	Inner_Full	50@25	836.5	167300	19.32
15	20	CP-OFDM 256QAM	Inner_Full	50@25	836.5	167300	16.27
15	20	DFT-s-OFDM QPSK	Edge_Full_Right	2@104	836.5	167300	21.75
15	20	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	836.5	167300	21.97
15	20	DFT-s-OFDM QPSK	Inner_1RB_Right	1@104	836.5	167300	22.79
15	20	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	836.5	167300	22.93
15	20	DFT-s-OFDM QPSK	Outer_Full	100@0	836.5	167300	21.82
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	836.5	167300	22.85
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	836.5	167300	22.87

Ant.1 - NR n7 Power Level DSI2 (Tune up: 17.9)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	16.76
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	16.73
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	16.74
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	16.76
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	16.77
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	16.75
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	16.75
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	16.59
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	16.74
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.62
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	16.61
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	16.60
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	16.76
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	15.96
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535.0	507000	16.74
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535.0	507000	16.76
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535.0	507000	16.58
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2535.0	507000	16.64
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	16.68
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	16.64
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	16.66
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	16.59
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	16.67
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	16.62

Ant.1 - NR n7 Power Level DSI4 (Tune up: 16.9)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	15.71
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	15.78
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	15.65
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	15.82
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	15.83
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	15.72
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	15.80
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	15.64
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	15.82
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	15.79
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	15.78
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	15.71
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	15.78
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	15.71
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535.0	507000	15.81
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535.0	507000	15.78
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535.0	507000	15.79
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2535.0	507000	15.68
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	15.81
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	15.66
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	15.69
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	15.79
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	15.71
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	15.81

Ant.1 - NR n7 Power Level DSI1 (Tune up: 22.7)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	21.59
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	21.49
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	21.56
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	21.61
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	21.62
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	21.58
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	21.55
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	21.58
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	20.04
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	18.05
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	21.06
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	20.51
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	19.04
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.01
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535.0	507000	21.61
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535.0	507000	21.53
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535.0	507000	21.55
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2535.0	507000	21.46
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	21.57
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	21.49
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	21.43
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	21.52
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	21.48
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	21.57

Ant.1 - NR n7 Power Level DSI3 (Tune up: 21.7)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	20.60
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	20.55
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	20.52
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	20.60
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	20.62
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	20.61
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	20.53
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	20.57
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	20.02
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	18.09
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	20.55
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	20.46
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	19.01
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.00
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535.0	507000	20.57
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535.0	507000	20.45
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535.0	507000	20.56
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2535.0	507000	20.52
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	20.58
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	20.57
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	20.51
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	20.54
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	20.54
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	20.48

Ant.4 - NR n7 Power Level DSI2 (Tune up: 23.7)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	22.45
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	22.51
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	21.05
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	22.63
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	22.74
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	22.67
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	22.65
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	21.65
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	20.13
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	18.11
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	21.14
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	20.65
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	19.15
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.08
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535.0	507000	21.65
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535.0	507000	21.55
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535.0	507000	22.73
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2535.0	507000	22.48
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	21.68
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	22.52
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	22.72
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	21.85
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	21.69
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	22.68

Ant.4 - NR n7 Power Level DSI1 (Tune up: 21.1)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	19.90
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	19.96
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	19.73
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	19.98
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	20.12
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	20.07
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	19.95
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	19.99
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	19.98
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	18.11
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	20.01
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	20.00
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	19.15
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.08
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535.0	507000	19.99
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535.0	507000	20.02
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535.0	507000	20.11
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2535.0	507000	20.11
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	20.07
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	19.89
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	19.98
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	19.86
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	19.77
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	19.83

Ant.4 - NR n7 Power Level DSI3 (Tune up: 19.7)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	18.47
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	18.57
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	18.28
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	18.57
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	18.71
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	18.68
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	18.59
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	18.60
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	18.62
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	18.11
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	18.62
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	18.58
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	18.65
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.08
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535.0	507000	18.59
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535.0	507000	18.69
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535.0	507000	18.67
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2535.0	507000	18.70
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	18.62
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	18.51
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	18.62
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	18.45
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	18.36
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	18.43

Ant.5 - NR n7 Power Level DSI2 (Tune up: 19.4)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	18.20
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	18.24
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	18.20
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	18.23
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	18.27
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	18.18
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	18.21
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	18.24
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	18.23
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	17.81
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	18.20
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	18.22
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	18.26
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	15.80
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535.0	507000	18.25
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535.0	507000	18.20
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535.0	507000	18.24
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2535.0	507000	18.19
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	18.24
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	18.25
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	18.22
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	18.18
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	18.20
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	18.21

Ant.5 - NR n7 Power Level DSI4 (Tune up: 16.4)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	15.12
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	15.15
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	15.15
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	15.23
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	15.29
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	15.21
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	15.12
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	15.20
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	15.20
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	15.12
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	15.15
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	15.18
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	15.16
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	14.83
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535.0	507000	15.18
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535.0	507000	15.15
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535.0	507000	15.18
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2535.0	507000	15.16
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	15.16
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	15.13
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	15.17
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	15.19
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	15.13
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	15.14

Ant.5 - NR n7 Power Level DSI1 (Tune up: 21.4)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2567.5	513500	20.23
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2535.0	507000	20.12
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	2502.5	500500	20.22
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2550.0	510000	20.24
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2535.0	507000	20.25
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	2520.0	504000	20.21
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	2535.0	507000	20.24
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	20.24
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	18.78
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	16.78
15	40	CP-OFDM QPSK	Inner_Full	108@54	2535.0	507000	19.81
15	40	CP-OFDM 16QAM	Inner_Full	108@54	2535.0	507000	19.33
15	40	CP-OFDM 64QAM	Inner_Full	108@54	2535.0	507000	17.81
15	40	CP-OFDM 256QAM	Inner_Full	108@54	2535.0	507000	14.79
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	2535.0	507000	19.95
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2535.0	507000	19.56
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	2535.0	507000	20.07
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2535.0	507000	20.06
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	2535.0	507000	19.98
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	2535.0	507000	20.24
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	2535.0	507000	20.11
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	2535.0	507000	20.19
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	2535.0	507000	20.14
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	2535.0	507000	20.15

Ant.1 - NR n38 Power Level DSI2 (Tune up: 17.6)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2615.0	523000	16.26
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2595.0	519000	16.26
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2575.0	515000	16.38
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2600.0	520000	16.41
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2595.0	519000	16.42
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2590.0	518000	16.39
30	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	2595.0	519000	16.36
30	40	DFT-s-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	16.34
30	40	DFT-s-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	16.22
30	40	DFT-s-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	16.39
30	40	CP-OFDM QPSK	Inner_Full	50@25	2595.0	519000	16.33
30	40	CP-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	16.25
30	40	CP-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	16.23
30	40	CP-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	16.22
30	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@104	2595.0	519000	16.34
30	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595.0	519000	16.22
30	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@104	2595.0	519000	16.30
30	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2595.0	519000	16.28
30	40	DFT-s-OFDM QPSK	Outer_Full	100@0	2595.0	519000	16.24
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2595.0	519000	16.37
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595.0	519000	16.23
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2595.0	519000	16.37

Ant.1 - NR n38 Power Level DSI4 (Tune up: 16.6)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2615.0	523000	15.37
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2595.0	519000	15.31
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2575.0	515000	15.25
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2600.0	520000	15.39
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2595.0	519000	15.40
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2590.0	518000	15.37
30	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	2595.0	519000	15.23
30	40	DFT-s-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	15.24
30	40	DFT-s-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	15.21
30	40	DFT-s-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	15.22
30	40	CP-OFDM QPSK	Inner_Full	50@25	2595.0	519000	15.30
30	40	CP-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	15.36
30	40	CP-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	15.35
30	40	CP-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	15.32
30	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@104	2595.0	519000	15.39
30	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595.0	519000	15.23
30	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@104	2595.0	519000	15.33
30	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2595.0	519000	15.29
30	40	DFT-s-OFDM QPSK	Outer_Full	100@0	2595.0	519000	15.22
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2595.0	519000	15.24
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595.0	519000	15.31
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2595.0	519000	15.21

Ant.1 - NR n38 Power Level DSI1 (Tune up: 20.8)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2615.0	523000	19.64
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2595.0	519000	19.49
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2575.0	515000	19.50
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2600.0	520000	19.64
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2595.0	519000	19.67
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2590.0	518000	19.61
30	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	2595.0	519000	19.58
30	40	DFT-s-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	19.56
30	40	DFT-s-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	19.61
30	40	DFT-s-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	18.67
30	40	CP-OFDM QPSK	Inner_Full	50@25	2595.0	519000	19.61
30	40	CP-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	19.59
30	40	CP-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	19.60
30	40	CP-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	16.66
30	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@104	2595.0	519000	19.60
30	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595.0	519000	19.48
30	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@104	2595.0	519000	19.48
30	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2595.0	519000	19.59
30	40	DFT-s-OFDM QPSK	Outer_Full	100@0	2595.0	519000	19.57
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2595.0	519000	19.62
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595.0	519000	19.66
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2595.0	519000	19.49

Ant.4 - NR n38 Power Level DSI2 (Tune up: 24.2)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2615.0	523000	23.01
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2595.0	519000	22.91
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2575.0	515000	22.92
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2600.0	520000	23.05
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2595.0	519000	23.12
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2590.0	518000	22.96
30	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	2595.0	519000	23.07
30	40	DFT-s-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	21.95
30	40	DFT-s-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	20.62
30	40	DFT-s-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	18.56
30	40	CP-OFDM QPSK	Inner_Full	50@25	2595.0	519000	21.35
30	40	CP-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	20.96
30	40	CP-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	19.65
30	40	CP-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	16.59
30	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@104	2595.0	519000	21.96
30	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595.0	519000	21.60
30	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@104	2595.0	519000	22.79
30	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2595.0	519000	22.46
30	40	DFT-s-OFDM QPSK	Outer_Full	100@0	2595.0	519000	21.74
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2595.0	519000	23.11
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595.0	519000	23.07
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2595.0	519000	23.10

Ant.4 - NR n38 Power Level DSI1 (Tune up: 21.0)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2615.0	523000	19.76
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2595.0	519000	19.74
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2575.0	515000	19.73
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2600.0	520000	19.84
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2595.0	519000	20.01
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2590.0	518000	19.78
30	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	2595.0	519000	19.86
30	40	DFT-s-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	19.89
30	40	DFT-s-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	19.89
30	40	DFT-s-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	18.56
30	40	CP-OFDM QPSK	Inner_Full	50@25	2595.0	519000	19.92
30	40	CP-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	19.89
30	40	CP-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	19.65
30	40	CP-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	16.61
30	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@104	2595.0	519000	19.89
30	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595.0	519000	19.91
30	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@104	2595.0	519000	20.00
30	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2595.0	519000	19.98
30	40	DFT-s-OFDM QPSK	Outer_Full	100@0	2595.0	519000	19.92
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2595.0	519000	19.87
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595.0	519000	19.83
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2595.0	519000	19.85

Ant.4 - NR n38 Power Level DSI3 (Tune up: 19.7)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2615.0	523000	18.53
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2595.0	519000	18.40
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2575.0	515000	18.43
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2600.0	520000	18.54
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2595.0	519000	18.72
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2590.0	518000	18.46
30	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	2595.0	519000	18.53
30	40	DFT-s-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	18.59
30	40	DFT-s-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	18.55
30	40	DFT-s-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	18.56
30	40	CP-OFDM QPSK	Inner_Full	50@25	2595.0	519000	18.61
30	40	CP-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	18.62
30	40	CP-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	18.65
30	40	CP-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	16.58
30	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@104	2595.0	519000	18.65
30	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595.0	519000	18.58
30	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@104	2595.0	519000	18.71
30	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2595.0	519000	18.69
30	40	DFT-s-OFDM QPSK	Outer_Full	100@0	2595.0	519000	18.70
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2595.0	519000	18.58
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595.0	519000	18.56
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2595.0	519000	18.63

Ant.5 - NR n38 Power Level DSI2 (Tune up: 20.1)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2615.0	523000	18.95
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2595.0	519000	18.95
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2575.0	515000	18.92
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2600.0	520000	19.04
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2595.0	519000	19.05
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2590.0	518000	18.94
30	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	2595.0	519000	18.79
30	40	DFT-s-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	18.44
30	40	DFT-s-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	18.72
30	40	DFT-s-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	17.29
30	40	CP-OFDM QPSK	Inner_Full	50@25	2595.0	519000	18.88
30	40	CP-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	18.47
30	40	CP-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	18.29
30	40	CP-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	15.23
30	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@104	2595.0	519000	18.95
30	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595.0	519000	18.96
30	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@104	2595.0	519000	19.04
30	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2595.0	519000	18.89
30	40	DFT-s-OFDM QPSK	Outer_Full	100@0	2595.0	519000	19.03
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2595.0	519000	18.89
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595.0	519000	18.88
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2595.0	519000	18.96

Ant.5 - NR n38 Power Level DSI4 (Tune up: 19.1)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2615.0	523000	17.98
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2595.0	519000	17.95
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2575.0	515000	17.91
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2600.0	520000	17.99
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2595.0	519000	18.05
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2590.0	518000	18.04
30	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	2595.0	519000	17.99
30	40	DFT-s-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	17.96
30	40	DFT-s-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	18.01
30	40	DFT-s-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	17.27
30	40	CP-OFDM QPSK	Inner_Full	50@25	2595.0	519000	17.96
30	40	CP-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	17.90
30	40	CP-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	17.98
30	40	CP-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	15.19
30	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@104	2595.0	519000	17.89
30	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595.0	519000	17.97
30	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@104	2595.0	519000	17.88
30	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2595.0	519000	17.96
30	40	DFT-s-OFDM QPSK	Outer_Full	100@0	2595.0	519000	17.92
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2595.0	519000	17.94
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595.0	519000	18.04
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2595.0	519000	18.02

Ant.5 - NR n38 Power Level DSI1 (Tune up: 21.9)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2615.0	523000	20.69
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2595.0	519000	20.73
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2575.0	515000	20.65
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2600.0	520000	20.78
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2595.0	519000	20.84
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2590.0	518000	20.83
30	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	50@25	2595.0	519000	20.79
30	40	DFT-s-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	20.44
30	40	DFT-s-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	19.12
30	40	DFT-s-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	17.29
30	40	CP-OFDM QPSK	Inner_Full	50@25	2595.0	519000	19.88
30	40	CP-OFDM 16QAM	Inner_Full	50@25	2595.0	519000	19.47
30	40	CP-OFDM 64QAM	Inner_Full	50@25	2595.0	519000	18.29
30	40	CP-OFDM 256QAM	Inner_Full	50@25	2595.0	519000	15.23
30	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@104	2595.0	519000	20.77
30	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2595.0	519000	20.76
30	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@104	2595.0	519000	20.75
30	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2595.0	519000	20.69
30	40	DFT-s-OFDM QPSK	Outer_Full	100@0	2595.0	519000	20.83
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2595.0	519000	20.69
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2595.0	519000	20.62
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2595.0	519000	20.71

Ant.1 - NR n41 Power Level DSI2 (Tune up: 17.6)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2685.00	537000	16.42
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2592.99	518598	16.39
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2501.01	500202	16.33
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	16.48
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	16.49
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	16.46
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	16.44
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	16.44
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	16.37
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	16.31
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	16.38
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	16.46
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	16.43
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	16.30
30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	2592.99	518598	16.36
30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	16.36
30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	2592.99	518598	16.32
30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2592.99	518598	16.32
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	16.39
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2592.99	518598	16.44
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	16.42
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2592.99	518598	16.45
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	16.43
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	16.40
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	16.44
30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	2592.99	518598	16.35
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	16.40
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	16.33

Ant.1 - NR n41 Power Level DSI4 (Tune up: 16.6)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2685.00	537000	15.37
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2592.99	518598	15.24
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2501.01	500202	15.34
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	15.42
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	15.43
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	15.35
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	15.31
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	15.35
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	15.24
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	15.40
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	15.34
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	15.37
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	15.27
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	15.33
30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	2592.99	518598	15.28
30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	15.32
30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	2592.99	518598	15.33
30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2592.99	518598	15.34
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	15.39
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2592.99	518598	15.41
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	15.37
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2592.99	518598	15.40
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	15.39
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	15.24
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	15.32
30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	2592.99	518598	15.26
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	15.36
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	15.31

Ant.1 - NR n41 Power Level DSI1 (Tune up: 19.6)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2685.00	537000	18.31
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2592.99	518598	18.29
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2501.01	500202	18.44
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	18.47
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	18.48
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	18.39
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	18.44
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	18.45
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	18.39
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	18.43
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	18.42
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	18.40
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	18.37
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	16.55
30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	2592.99	518598	18.37
30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	18.45
30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	2592.99	518598	18.29
30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2592.99	518598	18.29
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	18.38
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2592.99	518598	18.46
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	18.36
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2592.99	518598	18.44
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	18.32
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	18.38
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	18.32
30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	2592.99	518598	18.46
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	18.40
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	18.30

Ant.4 - NR n41 Power Level DSI2 (Tune up: 24.2)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2685.00	537000	22.74
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2592.99	518598	22.99
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2501.01	500202	23.00
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	22.91
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	23.07
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	22.99
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	22.95
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	21.94
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	20.36
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	18.35
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	21.41
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	20.92
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	19.41
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	16.48
30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	2592.99	518598	21.86
30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	21.94
30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	2592.99	518598	22.95
30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2592.99	518598	22.96
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	21.91
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2592.99	518598	23.06
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	23.05
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2592.99	518598	23.00
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	22.99
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	23.04
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	22.98
30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	2592.99	518598	22.97
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	22.93
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	22.94

Ant.4 - NR n41 Power Level DSI1 (Tune up: 20.6)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2685.00	537000	19.13
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2592.99	518598	19.36
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2501.01	500202	19.37
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	19.33
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	19.39
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	19.37
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	19.35
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	19.28
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	19.36
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	18.48
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	19.28
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	19.25
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	19.32
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	16.48
30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	2592.99	518598	19.25
30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	19.28
30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	2592.99	518598	19.34
30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2592.99	518598	19.38
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	19.32
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2592.99	518598	19.36
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	19.28
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2592.99	518598	19.36
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	19.37
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	19.33
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	19.34
30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	2592.99	518598	19.35
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	19.37
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	19.34

Ant.4 - NR n41 Power Level DSI3 (Tune up: 19.2)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2685.00	537000	17.72
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2592.99	518598	17.94
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2501.01	500202	17.95
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	17.95
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	17.97
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	17.94
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	17.91
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	17.95
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	17.96
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	17.90
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	17.95
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	17.94
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	17.93
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	16.48
30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	2592.99	518598	17.91
30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	17.88
30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	2592.99	518598	17.93
30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2592.99	518598	17.94
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	17.95
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2592.99	518598	17.94
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	17.90
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2592.99	518598	17.95
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	17.92
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	17.95
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	17.93
30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	2592.99	518598	17.96
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	17.95
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	17.90

Ant.5 - NR n41 Power Level DSI2 (Tune up: 19.7)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2685.00	537000	18.29
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2592.99	518598	18.30
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2501.01	500202	18.39
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	18.23
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	18.42
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	18.40
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	18.27
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	18.41
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	18.29
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	16.97
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	18.31
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	18.28
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	18.10
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	15.03
30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	2592.99	518598	18.33
30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	18.23
30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	2592.99	518598	18.31
30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2592.99	518598	18.25
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	18.37
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2592.99	518598	18.34
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	18.38
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2592.99	518598	18.27
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	18.26
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	18.36
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	18.35
30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	2592.99	518598	18.37
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	18.39
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	18.34

Ant.5 - NR n41 Power Level DSI4 (Tune up: 18.7)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2685.00	537000	17.34
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2592.99	518598	17.36
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2501.01	500202	17.28
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	17.24
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	17.46
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	17.44
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	17.35
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	17.29
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	17.39
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	17.03
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	17.27
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	17.37
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	17.27
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	15.06
30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	2592.99	518598	17.39
30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	17.34
30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	2592.99	518598	17.42
30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2592.99	518598	17.34
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	17.28
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2592.99	518598	17.37
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	17.45
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2592.99	518598	17.32
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	17.43
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	17.45
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	17.36
30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	2592.99	518598	17.41
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	17.43
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	17.37

Ant.5 - NR n41 Power Level DSI1 (Tune up: 21.5)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2685.00	537000	20.20
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2592.99	518598	20.28
30	10	DFT-s-OFDM QPSK	Inner_Full	12@6	2501.01	500202	20.14
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2640.00	528000	19.99
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2592.99	518598	20.29
30	100	DFT-s-OFDM QPSK	Inner_Full	135@67	2546.01	509202	20.27
30	100	DFT-s-OFDM PI/2 BPSK	Inner_Full	135@67	2592.99	518598	20.26
30	100	DFT-s-OFDM 16QAM	Inner_Full	135@67	2592.99	518598	20.16
30	100	DFT-s-OFDM 64QAM	Inner_Full	135@67	2592.99	518598	19.12
30	100	DFT-s-OFDM 256QAM	Inner_Full	135@67	2592.99	518598	17.02
30	100	CP-OFDM QPSK	Inner_Full	137@68	2592.99	518598	20.06
30	100	CP-OFDM 16QAM	Inner_Full	137@68	2592.99	518598	19.57
30	100	CP-OFDM 64QAM	Inner_Full	137@68	2592.99	518598	18.06
30	100	CP-OFDM 256QAM	Inner_Full	137@68	2592.99	518598	15.04
30	100	DFT-s-OFDM QPSK	Edge_Full_Right	2@271	2592.99	518598	20.26
30	100	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	2592.99	518598	20.23
30	100	DFT-s-OFDM QPSK	Inner_1RB_Right	1@271	2592.99	518598	20.19
30	100	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	2592.99	518598	20.13
30	100	DFT-s-OFDM QPSK	Outer_Full	270@0	2592.99	518598	20.11
30	15	DFT-s-OFDM QPSK	Inner_Full	18@9	2592.99	518598	20.28
30	20	DFT-s-OFDM QPSK	Inner_Full	25@12	2592.99	518598	20.19
30	30	DFT-s-OFDM QPSK	Inner_Full	36@18	2592.99	518598	20.23
30	40	DFT-s-OFDM QPSK	Inner_Full	50@25	2592.99	518598	20.14
30	50	DFT-s-OFDM QPSK	Inner_Full	64@32	2592.99	518598	20.15
30	60	DFT-s-OFDM QPSK	Inner_Full	81@40	2592.99	518598	20.24
30	70	DFT-s-OFDM QPSK	Inner_Full	90@45	2592.99	518598	20.14
30	80	DFT-s-OFDM QPSK	Inner_Full	108@54	2592.99	518598	20.12
30	90	DFT-s-OFDM QPSK	Inner_Full	120@60	2592.99	518598	20.22

Ant.1 - NR n66 Power Level DSI2 (Tune up: 17.1)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1777.5	355500	15.81
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745.0	349000	15.89
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	15.80
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	15.86
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	15.91
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	15.84
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	15.82
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	15.73
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	15.78
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	15.79
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	15.81
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	15.74
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	15.77
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	15.76
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	1745.0	349000	15.82
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745.0	349000	15.85
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	1745.0	349000	15.88
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745.0	349000	15.77
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	15.84
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	15.73
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	15.86
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	15.86
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	15.75
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	15.87

Ant.1 - NR n66 Power Level DSI4 (Tune up: 16.1)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1777.5	355500	14.88
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745.0	349000	14.80
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	14.89
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	14.88
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	14.93
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	14.85
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	14.85
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	14.76
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	14.87
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	14.84
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	14.81
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	14.84
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	14.78
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	14.86
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	1745.0	349000	14.88
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745.0	349000	14.76
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	1745.0	349000	14.92
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745.0	349000	14.82
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	14.84
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	14.83
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	14.81
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	14.76
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	14.89
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	14.80

Ant.1 - NR n66 Power Level DSI1 (Tune up: 22.6)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1777.5	355500	21.26
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745.0	349000	21.25
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	21.40
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	21.40
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	21.43
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	21.39
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	21.37
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	21.41
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	20.42
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	18.43
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	21.42
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	20.93
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.44
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	16.43
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	1745.0	349000	21.36
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745.0	349000	21.42
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	1745.0	349000	21.31
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745.0	349000	21.27
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	21.29
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	21.35
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	21.28
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	21.30
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	21.41
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	21.31

Ant.1 - NR n66 Power Level DSI3 (Tune up: 21.2)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1777.5	355500	19.85
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745.0	349000	19.87
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	19.92
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	19.98
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	20.01
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	19.95
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	19.83
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	19.94
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.94
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	19.86
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	19.98
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	19.85
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.86
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	19.95
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	1745.0	349000	19.82
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745.0	349000	19.88
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	1745.0	349000	19.85
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745.0	349000	19.90
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	19.82
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	19.86
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	19.88
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	19.94
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	19.95
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	19.99

Ant.4 - NR n66 Power Level DSI2 (Tune up: 24.2)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1777.5	355500	22.62
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745.0	349000	22.53
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	22.00
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	22.75
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	22.76
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	22.46
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	22.62
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	21.64
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	20.10
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	18.09
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	21.11
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	20.59
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.14
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	16.12
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	1745.0	349000	21.66
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745.0	349000	21.30
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	1745.0	349000	22.67
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745.0	349000	22.35
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	21.68
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	22.51
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	22.59
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	22.56
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	21.62
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	22.58

Ant.4 - NR n66 Power Level DSI1 (Tune up: 22.2)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1777.5	355500	20.58
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745.0	349000	20.54
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	20.04
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	20.72
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	20.74
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	20.50
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	20.60
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	20.62
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	20.10
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	18.09
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	20.62
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	20.59
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.14
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	16.12
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	1745.0	349000	20.65
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745.0	349000	20.26
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	1745.0	349000	20.72
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745.0	349000	20.36
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	20.69
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	20.52
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	20.61
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	20.51
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	19.64
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	20.61

Ant.4 - NR n66 Power Level DSI3 (Tune up: 21.0)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1777.5	355500	19.34
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745.0	349000	19.39
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	18.84
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	19.47
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	19.51
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	19.34
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	19.40
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	19.41
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.42
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	18.09
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	19.40
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	19.37
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.14
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	16.12
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	1745.0	349000	19.50
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745.0	349000	19.09
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	1745.0	349000	19.47
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745.0	349000	19.14
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	19.42
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	19.27
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	19.46
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	19.29
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	18.48
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	19.44

Ant.5 - NR n66 Power Level DSI2/DSI3 (Tune up: 20.6)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1777.5	355500	19.57
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745.0	349000	19.55
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	19.57
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	19.62
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	19.63
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	19.59
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	19.56
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	19.61
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.55
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	17.91
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	19.54
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	19.62
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	18.83
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	15.84
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	1745.0	349000	19.58
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745.0	349000	19.61
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	1745.0	349000	19.62
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745.0	349000	19.56
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	19.62
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	19.55
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	19.54
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	19.55
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	19.59
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	19.58

Ant.5 - NR n66 Power Level DSI4 (Tune up: 19.6)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1777.5	355500	18.54
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745.0	349000	18.57
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	18.58
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	18.58
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	18.61
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	18.56
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	18.53
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	18.53
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	18.59
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	17.91
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	18.59
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	18.60
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	18.52
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	15.81
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	1745.0	349000	18.56
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745.0	349000	18.60
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	1745.0	349000	18.57
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745.0	349000	18.57
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	18.54
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	18.57
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	18.53
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	18.59
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	18.55
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	18.54

Ant.5 - NR n66 Power Level DSI1 (Tune up: 21.8)

SCS (kHz)	BW (MHz)	Modulation	RB allocation		Frequency (MHz)	Channel	Conducted Power (dBm)
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1777.5	355500	20.79
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1745.0	349000	20.83
15	5	DFT-s-OFDM QPSK	Inner_Full	12@6	1712.5	342500	20.77
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1760.0	352000	20.83
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1745.0	349000	20.84
15	40	DFT-s-OFDM QPSK	Inner_Full	108@54	1730.0	346000	20.78
15	40	DFT-s-OFDM PI/2 BPSK	Inner_Full	108@54	1745.0	349000	20.77
15	40	DFT-s-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	20.79
15	40	DFT-s-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	19.86
15	40	DFT-s-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	17.88
15	40	CP-OFDM QPSK	Inner_Full	108@54	1745.0	349000	20.75
15	40	CP-OFDM 16QAM	Inner_Full	108@54	1745.0	349000	20.32
15	40	CP-OFDM 64QAM	Inner_Full	108@54	1745.0	349000	18.83
15	40	CP-OFDM 256QAM	Inner_Full	108@54	1745.0	349000	15.85
15	40	DFT-s-OFDM QPSK	Edge_Full_Right	2@214	1745.0	349000	20.67
15	40	DFT-s-OFDM QPSK	Edge_Full_Left	2@0	1745.0	349000	20.76
15	40	DFT-s-OFDM QPSK	Inner_1RB_Right	1@214	1745.0	349000	20.72
15	40	DFT-s-OFDM QPSK	Inner_1RB_Left	1@1	1745.0	349000	20.81
15	40	DFT-s-OFDM QPSK	Outer_Full	216@0	1745.0	349000	20.82
15	10	DFT-s-OFDM QPSK	Inner_Full	25@12	1745.0	349000	20.77
15	15	DFT-s-OFDM QPSK	Inner_Full	36@18	1745.0	349000	20.77
15	10	DFT-s-OFDM QPSK	Inner_Full	50@25	1745.0	349000	20.79
15	20	DFT-s-OFDM QPSK	Inner_Full	64@32	1745.0	349000	20.78
15	30	DFT-s-OFDM QPSK	Inner_Full	80@40	1745.0	349000	20.78

11.5. Bluetooth and WLAN Measurement result

Table 11.5: The conducted Power measurement results for Bluetooth

Ant.12 - Power Level C1/C2/D1/D2				
Averaged Power (dBm)				
Mode	Tune up	Ch.0 (2402MHz)	Ch.39 (2441MHz)	Ch.78 (2480MHz)
GFSK	14.5	12.19	12.67	12.21
EDR2M-4_DQPSK	12.0	9.15	9.58	9.17
EDR3M-8DPSK	12.0	8.48	8.86	8.52
/	/	Ch.0 (2402MHz)	Ch.19 (2440MHz)	Ch.39 (2480MHz)
BLE(1M)	9.0	7.50	7.86	7.19
/	/	Ch.1 (2404MHz)	Ch.19 (2440MHz)	Ch.38 (2478MHz)
BLE(2M)	9.0	8.01	8.12	7.71
Ant.2 - Power Level C1/C2/D1/D2				
Averaged Power (dBm)				
Mode	Tune up	Ch.0 (2402MHz)	Ch.39 (2441MHz)	Ch.78 (2480MHz)
GFSK	14.5	12.40	12.69	12.24
EDR2M-4_DQPSK	12.0	9.55	9.62	9.27
EDR3M-8DPSK	12.0	8.84	9.04	8.71
/	/	Ch.0 (2402MHz)	Ch.19 (2440MHz)	Ch.39 (2480MHz)
BLE(1M)	9.0	7.67	7.94	7.40
/	/	Ch.1 (2404MHz)	Ch.19 (2440MHz)	Ch.38 (2478MHz)
BLE(2M)	9.0	8.06	8.23	7.81

Table 11.6: The conducted Power measurement results for WLAN 2.4GHz

Ant.12 - Power Level C1				
Averaged Power (dBm) Duty Cycle: 100%				
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	18.0	16.60	16.41	16.43
802.11g	18.0	16.55	16.23	16.29
802.11n(20MHz)	18.0	16.38	16.20	16.25
802.11ac(20MHz)	18.0	16.32	16.13	16.24
802.11ax(20MHz)	18.0	16.57	16.24	16.32
/	/	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	18.0	16.20	16.41	16.34
802.11ac(40MHz)	18.0	16.17	16.37	16.31
802.11ax(40MHz)	18.0	15.59	16.06	16.02
Ant.12 - Power Level C2				
Averaged Power (dBm) Duty Cycle: 100%				
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	15.5	13.91	13.72	13.74
802.11g	15.5	13.86	13.54	13.60
802.11n(20MHz)	15.5	13.69	13.51	13.56
802.11ac(20MHz)	15.5	13.63	13.44	13.55
802.11ax(20MHz)	15.5	13.88	13.55	13.63
/	/	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	15.5	13.75	13.96	13.89
802.11ac(40MHz)	15.5	13.72	13.92	13.86
802.11ax(40MHz)	15.5	13.52	13.68	13.64

Ant.12 - Power Level D1				
Averaged Power (dBm) Duty Cycle: 100%				
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	19.0	17.58	17.29	17.31
802.11g	19.0	17.43	17.11	17.17
802.11n(20MHz)	19.0	17.26	17.08	17.13
802.11ac(20MHz)	19.0	17.20	17.01	17.12
802.11ax(20MHz)	19.0	17.45	17.12	17.20
/	/	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	19.0	17.08	17.29	17.22
802.11ac(40MHz)	19.0	17.05	17.25	17.19
802.11ax(40MHz)	18.0	15.59	16.06	16.02
Ant.12 - Power Level D2				
Averaged Power (dBm) Duty Cycle: 100%				
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	16.0	14.65	14.46	14.48
802.11g	16.0	14.60	14.28	14.34
802.11n(20MHz)	16.0	14.43	14.25	14.30
802.11ac(20MHz)	16.0	14.37	14.18	14.29
802.11ax(20MHz)	16.0	14.62	14.29	14.37
/	/	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	16.0	14.25	14.46	14.39
802.11ac(40MHz)	16.0	14.22	14.42	14.36
802.11ax(40MHz)	16.0	14.02	14.18	14.14

Ant.2 - Power Level C1				
Averaged Power (dBm) Duty Cycle: 100%				
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	18.0	16.76	16.69	16.79
802.11g	18.0	16.64	16.61	16.72
802.11n(20MHz)	18.0	16.45	16.26	16.46
802.11ac(20MHz)	18.0	16.41	16.26	16.41
802.11ax(20MHz)	18.0	16.66	16.51	16.64
/	/	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	18.0	16.63	16.51	16.58
802.11ac(40MHz)	18.0	16.62	16.44	16.56
802.11ax(40MHz)	18.0	16.22	16.18	16.11
Ant.2 - Power Level C2				
Averaged Power (dBm) Duty Cycle: 100%				
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	15.5	14.18	14.11	14.21
802.11g	15.5	14.06	14.03	14.14
802.11n(20MHz)	15.5	13.87	13.67	13.88
802.11ac(20MHz)	15.5	13.83	13.68	13.83
802.11ax(20MHz)	15.5	14.08	13.93	14.06
/	/	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	15.5	14.18	14.06	14.13
802.11ac(40MHz)	15.5	14.17	13.99	14.11
802.11ax(40MHz)	15.5	13.77	13.8	13.73

Ant.2 - Power Level D1				
Averaged Power (dBm) Duty Cycle: 100%				
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	19.0	17.59	17.52	17.62
802.11g	19.0	17.47	17.44	17.55
802.11n(20MHz)	19.0	17.28	17.09	17.29
802.11ac(20MHz)	19.0	17.24	17.09	17.24
802.11ax(20MHz)	19.0	17.49	17.34	17.47
/	/	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	19.0	17.46	17.34	17.41
802.11ac(40MHz)	19.0	17.45	17.27	17.39
802.11ax(40MHz)	18.0	16.22	16.18	16.11
Ant.2 - Power Level D2				
Averaged Power (dBm) Duty Cycle: 100%				
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	16.0	14.81	14.74	14.84
802.11g	16.0	14.69	14.66	14.77
802.11n(20MHz)	16.0	14.50	14.30	14.51
802.11ac(20MHz)	16.0	14.46	14.31	14.46
802.11ax(20MHz)	16.0	14.71	14.56	14.69
/	/	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	16.0	14.68	14.56	14.63
802.11ac(40MHz)	16.0	14.67	14.49	14.61
802.11ax(40MHz)	16.0	14.27	14.30	14.23

MIMO				
Averaged Power (dBm) Duty Cycle: 100%				
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11n(20MHz)	22.0	20.25	19.94	19.99
802.11ac(20MHz)	22.0	20.22	19.99	19.96
802.11ax(20MHz)	22.0	20.42	20.23	20.26
/	/	Ch.3 (2422MHz)	Ch.6 (2437MHz)	Ch.9 (2452MHz)
802.11n(40MHz)	22.0	20.14	20.20	20.19
802.11ac(40MHz)	22.0	20.02	20.12	20.14
802.11ax(40MHz)	21.0	18.80	18.83	18.78

Note1: 11ax20(RU242), 11ax40(RU484) are the worst RU type.

Note2: WLAN 2.4GHz 802.11n/11ac/11ax of Ant.12 and Ant.2 can transmit in MIMO mode and the power level in MIMO mode are equivalent to SISO mode, so we choose the sum SAR values of 802.11b mode to evaluate simultaneous transmission SAR.

Table 11.7: The conducted Power measurement results for WLAN 5GHz

Ant.9														
Averaged Power (dBm) Duty Cycle: 100%														
Mode	802.11a	802.11n-20MHz	802.11ac-20MHz	802.11ax-20MHz	Mode	802.11n-40MHz	802.11ac-40MHz	802.11ax-40MHz	Mode	802.11ac-80MHz	802.11ax-80MHz	Mode	802.11ac-160MHz	802.11ax-160MHz
Channel	6Mbps	MCS0	MCS0	MCS0	Channel	MCS0	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0	MCS0
<U-NII-1> - Power Level C1														
Tune up	14.6	14.5	14.5	14.5	/	14.5	14.5	14.5	/	13.5	13.5	/	12.5	12.5
36(5180MHz)	12.16	11.88	11.85	12.14	38(5190MHz)	12.04	13.26	13.00	42(5210MHz)	11.92	11.82	50(5250MHz)	10.72	10.75
40(5200MHz)	13.18	12.74	12.73	13.02	46(5230MHz)	13.32	13.26	13.13	/	/	/	/	/	/
44(5220MHz)	13.27	12.82	12.72	13.04	/	/	/	/	/	/	/	/	/	/
48(5240MHz)	12.44	12.18	12.16	12.27	/	/	/	/	/	/	/	/	/	/
<U-NII-2A> - Power Level C1														
Tune up	14.6	14.5	14.5	14.5	/	14.5	14.5	14.5	/	12.0	12.0	/	/	/
52(5260MHz)	13.33	12.90	12.91	13.24	54(5270MHz)	13.17	13.16	13.03	58(5290MHz)	10.35	10.22	/	/	/
56(5280MHz)	13.19	12.73	12.75	13.08	62(5310MHz)	11.52	11.47	11.28	/	/	/	/	/	/
60(5300MHz)	13.13	12.74	12.70	13.01	/	/	/	/	/	/	/	/	/	/
64(5320MHz)	13.32	12.97	13.00	13.28	/	/	/	/	/	/	/	/	/	/
<U-NII-2C> - Power Level C1														
Tune up	18.6	18.5	18.5	18.5	/	18.5	18.5	18.5	/	16.5	16.5	/	13.0	13.0
100(5500MHz)	15.95	15.72	15.75	15.91	102(5510MHz)	14.01	13.94	13.68	106(5530MHz)	11.17	11.14	114(5570MHz)	10.57	10.60
116(5580MHz)	16.58	16.27	16.34	16.40	110(5550MHz)	16.70	16.67	16.55	122(5610MHz)	14.80	14.71	/	/	/
124(5620MHz)	16.83	16.35	16.46	16.63	126(5630MHz)	16.69	16.65	16.54	/	/	/	/	/	/
132(5660MHz)	16.86	16.63	16.68	16.84	134(5670MHz)	15.62	15.49	15.49	/	/	/	/	/	/
140(5700MHz)	14.48	13.60	13.66	14.26	/	/	/	/	/	/	/	/	/	/
<U-NII-3> - Power Level C1														
Tune up	14.1	14.0	14.0	14.0	/	14.0	14.0	14.0	/	14.0	14.0	/	/	/
149(5745MHz)	12.76	12.51	12.53	12.74	151(5755MHz)	12.61	12.58	12.43	155(5775MHz)	12.66	12.64	/	/	/
157(5785MHz)	12.72	12.45	12.44	12.61	159(5795MHz)	12.67	12.66	12.45	/	/	/	/	/	/
165(5825MHz)	12.85	12.64	12.56	12.90	/	/	/	/	/	/	/	/	/	/
<U-NII-1> - Power Level C2														
Tune up	12.6	12.5	12.5	12.5	/	12.5	12.5	12.5	/	12.5	12.5	/	12.5	12.5
36(5180MHz)	11.22	10.94	10.87	11.19	38(5190MHz)	11.09	11.22	11.09	42(5210MHz)	10.99	10.86	50(5250MHz)	10.72	10.75
40(5200MHz)	11.25	10.80	10.77	11.07	46(5230MHz)	11.37	11.28	11.15	/	/	/	/	/	/
44(5220MHz)	11.28	10.88	10.80	11.11	/	/	/	/	/	/	/	/	/	/
48(5240MHz)	11.45	11.13	11.19	11.30	/	/	/	/	/	/	/	/	/	/
<U-NII-2A> - Power Level C2														
Tune up	12.6	12.5	12.5	12.5	/	12.5	12.5	12.5	/	12.0	12.0	/	/	/
52(5260MHz)	11.45	10.93	10.98	11.28	54(5270MHz)	11.22	11.17	11.06	58(5290MHz)	10.35	10.22	/	/	/
56(5280MHz)	11.18	10.71	10.79	11.13	62(5310MHz)	11.14	10.94	10.89	/	/	/	/	/	/
60(5300MHz)	11.11	10.78	10.74	11.11	/	/	/	/	/	/	/	/	/	/
64(5320MHz)	11.36	11.05	11.08	11.25	/	/	/	/	/	/	/	/	/	/
<U-NII-2C> - Power Level C2														
Tune up	12.1	12.0	12.0	12.0	/	12.0	12.0	12.0	/	12.0	12.0	/	12.0	12.0
100(5500MHz)	10.45	10.39	10.38	10.57	102(5510MHz)	10.33	10.27	10.00	106(5530MHz)	10.20	10.18	114(5570MHz)	9.76	9.80
116(5580MHz)	10.24	10.17	10.30	10.04	110(5550MHz)	10.36	10.35	10.17	122(5610MHz)	10.47	10.34	/	/	/
124(5620MHz)	10.43	10.31	10.07	10.28	126(5630MHz)	10.34	10.29	10.20	/	/	/	/	/	/
132(5660MHz)	10.50	10.27	10.35	10.51	134(5670MHz)	10.56	10.40	10.46	/	/	/	/	/	/
140(5700MHz)	10.17	10.26	10.33	10.86	/	/	/	/	/	/	/	/	/	/
<U-NII-3> - Power Level C2														
Tune up	12.6	12.5	12.5	12.5	/	12.5	12.5	12.5	/	12.5	12.5	/	/	/
149(5745MHz)	11.30	11.03	11.02	11.24	151(5755MHz)	11.09	11.09	10.90	155(5775MHz)	11.15	11.17	/	/	/
157(5785MHz)	11.28	10.92	10.99	11.07	159(5795MHz)	11.18	11.18	10.96	/	/	/	/	/	/
165(5825MHz)	11.35	11.14	11.04	11.26	/	/	/	/	/	/	/	/	/	/

C

Ant.9														
Averaged Power (dBm) Duty Cycle: 100%														
Mode	802.11a	802.11n-20MHz	802.11ac-20MHz	802.11ax-20MHz	Mode	802.11n-40MHz	802.11ac-40MHz	802.11ax-40MHz	Mode	802.11ac-80MHz	802.11ax-80MHz	Mode	802.11ac-160MHz	802.11ax-160MHz
Channel	6Mbps	MCS0	MCS0	MCS0	Channel	MCS0	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0	MCS0
<U-NII-1> - Power Level D1/D2														
Tune up	16.1	16.0	16.0	16.0	/	16.0	16.0	16.0	/	13.5	13.5	/	12.5	12.5
36(5180MHz)	12.16	11.88	11.85	12.14	38(5190MHz)	12.04	14.88	14.62	42(5210MHz)	11.92	11.82	50(5250MHz)	10.72	10.75
40(5200MHz)	14.80	14.36	14.35	14.64	46(5230MHz)	14.94	14.88	14.75	/	/	/	/	/	/
44(5220MHz)	14.89	14.44	14.34	14.66	/	/	/	/	/	/	/	/	/	/
48(5240MHz)	12.44	12.18	12.16	12.27	/	/	/	/	/	/	/	/	/	/
<U-NII-2A> - Power Level D1/D2														
Tune up	16.1	16.0	16.0	16.0	/	16.0	16.0	16.0	/	12.0	12.0	/	/	/
52(5260MHz)	14.95	14.52	14.53	14.86	54(5270MHz)	14.79	14.78	14.65	58(5290MHz)	10.35	10.22	/	/	/
56(5280MHz)	14.81	14.35	14.37	14.70	62(5310MHz)	11.52	11.47	11.28	/	/	/	/	/	/
60(5300MHz)	14.64	14.25	14.21	14.52	/	/	/	/	/	/	/	/	/	/
64(5320MHz)	14.33	13.98	14.01	14.29	/	/	/	/	/	/	/	/	/	/
<U-NII-2C> - Power Level D1/D2														
Tune up	16.6	16.5	16.5	16.5	/	16.5	16.5	16.5	/	16.5	16.5	/	13.0	13.0
100(5500MHz)	14.87	14.84	14.87	15.03	102(5510MHz)	14.01	13.94	13.68	106(5530MHz)	11.17	11.14	114(5570MHz)	10.57	10.60
116(5580MHz)	14.70	14.39	14.46	14.52	110(5550MHz)	14.82	14.79	14.67	122(5610MHz)	14.80	14.71	/	/	/
124(5620MHz)	14.95	14.47	14.58	14.75	126(5630MHz)	14.81	14.77	14.66	/	/	/	/	/	/
132(5660MHz)	14.98	14.75	14.80	14.96	134(5670MHz)	15.62	15.49	15.49	/	/	/	/	/	/
140(5700MHz)	14.48	13.60	13.66	14.26	/	/	/	/	/	/	/	/	/	/
<U-NII-3> - Power Level D1														
Tune up	17.1	17.0	17.0	17.0	/	17.0	17.0	17.0	/	17.0	17.0	/	/	/
149(5745MHz)	15.64	15.39	15.41	15.62	151(5755MHz)	15.49	15.46	15.31	155(5775MHz)	15.54	15.52	/	/	/
157(5785MHz)	15.60	15.33	15.32	15.49	159(5795MHz)	15.55	15.54	15.33	/	/	/	/	/	/
165(5825MHz)	15.80	15.52	15.44	15.78	/	/	/	/	/	/	/	/	/	/
<U-NII-3> - Power Level D2														
Tune up	14.1	14.0	14.0	14.0	/	14.0	14.0	14.0	/	14.0	14.0	/	/	/
149(5745MHz)	12.73	12.51	12.53	12.74	151(5755MHz)	12.61	12.58	12.43	155(5775MHz)	12.66	12.64	/	/	/
157(5785MHz)	12.77	12.45	12.44	12.61	159(5795MHz)	12.67	12.66	12.45	/	/	/	/	/	/
165(5825MHz)	12.92	12.64	12.56	12.90	/	/	/	/	/	/	/	/	/	/

Ant.2														
Averaged Power (dBm) Duty Cycle: 100%														
Mode	802.11a	802.11n	802.11ac	802.11ax	Mode	802.11n	802.11ac	802.11ax	Mode	802.11ac	802.11ax	Mode	802.11ac	802.11ax
Channel	6Mbps	MCS0	MCS0	MCS0	Channel	MCS0	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0	MCS0
<U-NII-1> - Power Level C1														
Tune up	14.6	14.5	14.5	14.5	/	14.5	14.5	14.5	/	13.5	13.5	/	12.5	12.5
36(5180MHz)	11.85	11.67	11.70	11.87	38(5190MHz)	11.67	12.49	12.35	42(5210MHz)	11.18	11.08	50(5250MHz)	10.02	10.10
40(5200MHz)	12.72	12.44	12.47	12.65	46(5230MHz)	12.85	12.82	12.53	/	/	/	/	/	/
44(5220MHz)	12.66	12.41	12.43	12.60	/	/	/	/	/	/	/	/	/	/
48(5240MHz)	11.22	10.80	10.84	11.11	/	/	/	/	/	/	/	/	/	/
<U-NII-2A> - Power Level C1														
Tune up	14.6	14.5	14.5	14.5	/	14.5	14.5	14.5	/	12.0	12.0	/	/	/
52(5260MHz)	12.77	12.34	12.35	12.58	54(5270MHz)	12.81	12.78	12.79	58(5290MHz)	9.87	9.85	/	/	/
56(5280MHz)	12.80	12.41	12.38	12.66	62(5310MHz)	11.11	11.07	11.00	/	/	/	/	/	/
60(5300MHz)	12.96	12.60	12.57	12.81	/	/	/	/	/	/	/	/	/	/
64(5320MHz)	13.10	12.68	12.67	12.89	/	/	/	/	/	/	/	/	/	/
<U-NII-2C> - Power Level C1														
Tune up	18.6	18.5	18.5	18.5	/	18.5	18.5	18.5	/	16.5	16.5	/	13.0	13.0
100(5500MHz)	15.74	15.58	15.55	15.79	102(5510MHz)	13.73	13.70	13.64	106(5530MHz)	11.16	11.12	114(5570MHz)	10.72	10.79
116(5580MHz)	16.53	16.25	16.28	16.45	110(5550MHz)	16.55	16.51	16.51	122(5610MHz)	14.70	14.65	/	/	/
124(5620MHz)	16.59	16.34	16.30	16.54	126(5630MHz)	16.57	16.52	16.50	/	/	/	/	/	/
132(5660MHz)	16.78	16.62	16.60	16.72	134(5670MHz)	15.27	15.23	15.17	/	/	/	/	/	/
140(5700MHz)	14.44	13.56	13.47	14.18	/	/	/	/	/	/	/	/	/	/
<U-NII-3> - Power Level C1														
Tune up	14.1	14.0	14.0	14.0	/	14.0	14.0	14.0	/	14.0	14.0	/	/	/
149(5745MHz)	12.55	12.37	12.33	12.59	151(5755MHz)	12.55	12.52	12.36	155(5775MHz)	12.39	12.34	/	/	/
157(5785MHz)	12.48	12.20	12.21	12.39	159(5795MHz)	12.55	12.51	12.27	/	/	/	/	/	/
165(5825MHz)	12.16	11.80	11.78	12.04	/	/	/	/	/	/	/	/	/	/
<U-NII-1> - Power Level C2														
Tune up	12.6	12.5	12.5	12.5	/	12.5	12.5	12.5	/	12.5	12.5	/	12.5	12.5
36(5180MHz)	10.80	10.69	10.76	10.86	38(5190MHz)	10.69	10.47	10.38	42(5210MHz)	10.38	10.31	50(5250MHz)	10.02	10.10
40(5200MHz)	10.77	10.50	10.52	10.64	46(5230MHz)	10.87	10.84	10.49	/	/	/	/	/	/
44(5220MHz)	10.65	10.38	10.46	10.59	/	/	/	/	/	/	/	/	/	/
48(5240MHz)	10.35	10.35	10.23	10.12	/	/	/	/	/	/	/	/	/	/
<U-NII-2A> - Power Level C2														
Tune up	12.6	12.5	12.5	12.5	/	12.5	12.5	12.5	/	12.0	12.0	/	/	/
52(5260MHz)	10.65	10.35	10.36	10.56	54(5270MHz)	10.83	10.74	10.75	58(5290MHz)	9.87	9.85	/	/	/
56(5280MHz)	10.58	10.40	10.38	10.65	62(5310MHz)	10.62	10.56	10.53	/	/	/	/	/	/
60(5300MHz)	10.68	10.57	10.56	10.83	/	/	/	/	/	/	/	/	/	/
64(5320MHz)	10.51	10.67	10.68	10.92	/	/	/	/	/	/	/	/	/	/
<U-NII-2C> - Power Level C2														
Tune up	12.1	12.0	12.0	12.0	/	12.0	12.0	12.0	/	12.0	12.0	/	12.0	12.0
100(5500MHz)	10.33	10.20	10.19	10.47	102(5510MHz)	10.03	10.05	10.11	106(5530MHz)	10.19	10.13	114(5570MHz)	9.85	9.90
116(5580MHz)	10.20	10.19	10.26	10.05	110(5550MHz)	10.19	10.19	10.19	122(5610MHz)	10.37	10.32	/	/	/
124(5620MHz)	10.25	10.31	9.95	10.16	126(5630MHz)	10.19	10.20	10.12	/	/	/	/	/	/
132(5660MHz)	10.37	10.22	10.21	10.32	134(5670MHz)	10.17	10.21	10.14	/	/	/	/	/	/
140(5700MHz)	10.11	10.18	10.11	10.81	/	/	/	/	/	/	/	/	/	/
<U-NII-3> - Power Level C2														
Tune up	12.6	12.5	12.5	12.5	/	12.5	12.5	12.5	/	12.5	12.5	/	/	/
149(5745MHz)	11.10	10.90	10.87	11.11	151(5755MHz)	11.07	11.04	10.88	155(5775MHz)	10.86	10.85	/	/	/
157(5785MHz)	11.03	10.70	10.69	10.92	159(5795MHz)	11.06	10.97	10.78	/	/	/	/	/	/
165(5825MHz)	10.75	10.32	10.24	10.57	/	/	/	/	/	/	/	/	/	/

Ant.2														
Averaged Power (dBm) Duty Cycle: 100%														
Mode	802.11a	802.11n	802.11ac	802.11ax	Mode	802.11n	802.11ac	802.11ax	Mode	802.11ac	802.11ax	Mode	802.11ac	802.11ax
Channel	6Mbps	MCS0	MCS0	MCS0	Channel	MCS0	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0	MCS0
<U-NII-1> - Power Level D1/D2														
Tune up	16.1	16.0	16.0	16.0	/	16.0	16.0	16.0	/	13.5	13.5	/	12.5	12.5
36(5180MHz)	11.85	11.67	11.70	11.87	38(5190MHz)	11.67	13.87	13.63	42(5210MHz)	11.18	11.08	50(5250MHz)	10.02	10.10
40(5200MHz)	14.13	13.78	13.78	14.03	46(5230MHz)	14.23	14.20	13.91	/	/	/	/	/	/
44(5220MHz)	14.04	13.69	13.71	13.98	/	/	/	/	/	/	/	/	/	/
48(5240MHz)	11.22	10.80	10.84	11.11	/	/	/	/	/	/	/	/	/	/
<U-NII-2A> - Power Level D1/D2														
Tune up	16.1	16.0	16.0	16.0	/	16.0	16.0	16.0	/	12.0	12.0	/	/	/
52(5260MHz)	14.15	13.72	13.73	13.96	54(5270MHz)	14.19	14.16	14.17	58(5290MHz)	9.87	9.85	/	/	/
56(5280MHz)	14.18	13.79	13.76	14.04	62(5310MHz)	11.11	11.07	11.00	/	/	/	/	/	/
60(5300MHz)	14.34	13.98	13.95	14.19	/	/	/	/	/	/	/	/	/	/
64(5320MHz)	13.98	13.56	13.55	13.77	/	/	/	/	/	/	/	/	/	/
<U-NII-2C> - Power Level D1/D2														
Tune up	16.6	16.5	16.5	16.5	/	16.5	16.5	16.5	/	16.5	16.5	/	13.0	13.0
100(5500MHz)	14.88	14.70	14.67	14.91	102(5510MHz)	13.73	13.70	13.64	106(5530MHz)	11.16	11.12	114(5570MHz)	10.72	10.79
116(5580MHz)	14.65	14.37	14.40	14.57	110(5550MHz)	14.67	14.63	14.63	122(5610MHz)	14.70	14.65	/	/	/
124(5620MHz)	14.71	14.46	14.42	14.66	126(5630MHz)	14.69	14.64	14.62	/	/	/	/	/	/
132(5660MHz)	14.90	14.74	14.72	14.84	134(5670MHz)	15.27	15.23	15.17	/	/	/	/	/	/
140(5700MHz)	14.44	13.56	13.47	14.18	/	/	/	/	/	/	/	/	/	/
<U-NII-3> - Power Level D1														
Tune up	17.1	17.0	17.0	17.0	/	17.0	17.0	17.0	/	17.0	17.0	/	/	/
149(5745MHz)	15.57	15.25	15.21	15.47	151(5755MHz)	15.43	15.40	15.24	155(5775MHz)	15.27	15.22	/	/	/
157(5785MHz)	15.36	15.08	15.09	15.27	159(5795MHz)	15.43	15.39	15.15	/	/	/	/	/	/
165(5825MHz)	15.04	14.68	14.66	14.92	/	/	/	/	/	/	/	/	/	/
<U-NII-3> - Power Level D2														
Tune up	14.1	14.0	14.0	14.0	/	14.0	14.0	14.0	/	14.0	14.0	/	/	/
149(5745MHz)	12.69	12.37	12.33	12.59	151(5755MHz)	12.55	12.52	12.36	155(5775MHz)	12.39	12.34	/	/	/
157(5785MHz)	12.55	12.20	12.21	12.39	159(5795MHz)	12.55	12.51	12.27	/	/	/	/	/	/
165(5825MHz)	12.20	11.80	11.78	12.04	/	/	/	/	/	/	/	/	/	/

MIMO													
Averaged Power (dBm) Duty Cycle: 100%													
Mode	802.11a	802.11n-20MHz	802.11ac-20MHz	802.11ax-20MHz	Mode	802.11n-40MHz	802.11ac-40MHz	802.11ax-40MHz	Mode	802.11ac-80MHz	802.11ax-80MHz	Mode	802.11ac-160MHz
Channel	6Mbps	MCS0	MCS0	MCS0	Channel	MCS0	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>													
Tune up	/	19.0	19.0	19.0	/	19.0	19.0	19.0	/	16.5	16.5	/	15.5
36(5180MHz)	/	14.30	14.28	14.47	38(5190MHz)	14.51	17.13	16.84	42(5210MHz)	14.22	14.15	50(5250MHz)	12.93
40(5200MHz)	/	16.79	16.78	16.99	46(5230MHz)	17.11	17.09	16.79	/	/	/	/	/
44(5220MHz)	/	16.82	16.78	17.02	/	/	/	/	/	/	/	/	/
48(5240MHz)	/	14.29	14.27	14.56	/	/	/	/	/	/	/	/	/
<U-NII-2A>													
Tune up	/	19.0	19.0	19.0	/	19.0	19.0	19.0	/	15.0	15.0	/	/
52(5260MHz)	/	16.67	16.68	16.95	54(5270MHz)	17.02	17.00	16.70	58(5290MHz)	12.75	12.60	/	/
56(5280MHz)	/	16.61	16.59	16.86	62(5310MHz)	13.85	13.79	13.62	/	/	/	/	/
60(5300MHz)	/	16.58	16.57	16.81	/	/	/	/	/	/	/	/	/
64(5320MHz)	/	16.36	16.30	16.59	/	/	/	/	/	/	/	/	/
<U-NII-2C>													
Tune up	/	21.5	21.5	21.5	/	21.5	21.5	21.5	/	19.5	19.5	/	16.0
100(5500MHz)	/	18.12	18.09	18.36	102(5510MHz)	16.51	16.48	16.13	106(5530MHz)	13.57	13.46	114(5570MHz)	13.35
116(5580MHz)	/	18.85	18.82	19.09	110(5550MHz)	19.55	19.15	18.91	122(5610MHz)	17.06	16.99	/	/
124(5620MHz)	/	19.01	19.02	19.24	126(5630MHz)	19.64	19.35	19.08	/	/	/	/	/
132(5660MHz)	/	19.30	19.30	19.56	134(5670MHz)	18.16	18.14	17.84	/	/	/	/	/
140(5700MHz)	/	16.40	16.41	16.64	/	/	/	/	/	/	/	/	/
<U-NII-3>													
Tune up	/	20.0	20.0	20.0	/	20.0	20.0	20.0	/	20.0	20.0	/	/
149(5745MHz)	/	18.06	18.06	18.24	151(5755MHz)	18.12	18.09	17.96	155(5775MHz)	18.05	18.01	/	/
157(5785MHz)	/	17.98	17.94	18.13	159(5795MHz)	18.13	18.09	17.95	/	/	/	/	/
165(5825MHz)	/	17.82	17.79	18.11	/	/	/	/	/	/	/	/	/

Note1: 11ax20(RU242), 11ax40(RU484), 11ax80(RU996), 11ax160(RU996*2) are the worst RU type.

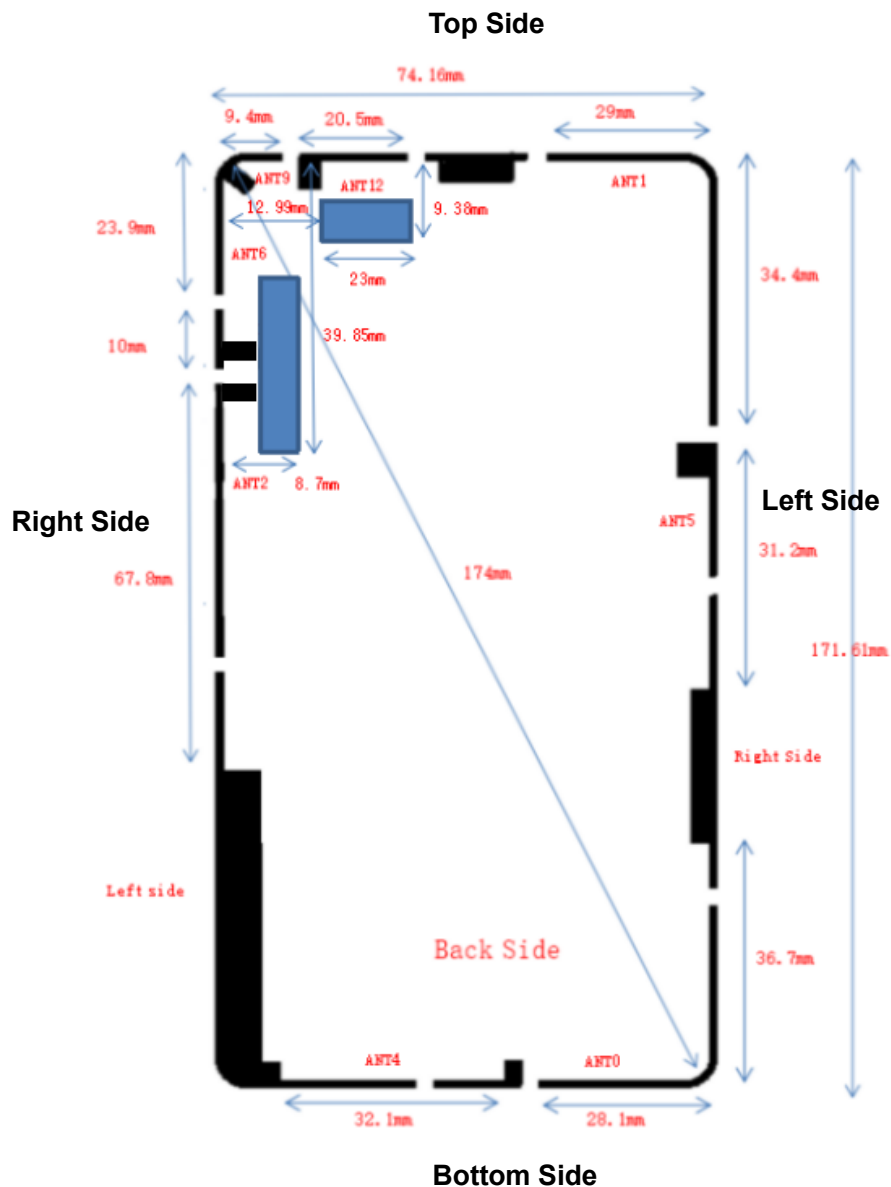
Note2: WLAN 5GHz 802.11n/11ac/11ax of Ant.9 and Ant.2 can transmit in MIMO mode and the power level in MIMO mode are equivalent to SISO mode, so we choose the sum SAR values of 802.11a mode to evaluate simultaneous transmission SAR.

12. Simultaneous TX SAR Considerations

12.1. 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 802.11 a/b/g and Bluetooth devices which may simultaneously transmit with the licensed transmitter. For this device, the Bluetooth and WLAN can transmit simultaneous with other transmitters.

12.2. Transmit Antenna Separation Distances



Picture 12.1 Antenna Locations (Back View)

Note:

Antenna	Frequency Bands
Ant.0	GSM850, WCDMA Band 5, LTE: Band 5/12/13/17/26, NR n5 TX
Ant.1	GSM850/1900MHz, WCDMA Band 2/4/5, LTE Band 2/4/5/7/12/13/17/26/66/38/41, NR n5/n7/n38/n41/n66 TX
Ant.2	WIFI2.4G CH1+WIFI5G CH1+BT
Ant.4	GSM1800, WCDMA Band 2/4, LTE Band 2/4/7/66/38/41, NR n7/n38/n41/n66 TX
Ant.5	LTE Band 4/7/66/38/41, NR n7/n38/n40/n41/n66 TX
Ant.6	RX
Ant.9	5GWIFI CH0
Ant.12	GPS L1+2.4G WIFI CH0+BT

12.3. SAR Measurement Positions

According to the KDB941225 D06 Hot Spot SAR, the edges with less than 25mm distance to the antennas need to be tested for SAR.

SAR measurement positions						
Antenna	Front Side	Rear Side	Left Side	Right Side	Top Side	Bottom Side
Ant.0	Yes	Yes	Yes	No	No	Yes
Ant.1	Yes	Yes	Yes	No	Yes	No
Ant.2	Yes	Yes	No	Yes	No	No
Ant.4	Yes	Yes	No	Yes	No	Yes
Ant.5	Yes	Yes	Yes	No	No	No
Ant.9	Yes	Yes	No	Yes	No	No
Ant.12	Yes	Yes	No	Yes	No	No

12.4. Evaluation of Simultaneous

No.	Simultaneous Transmission Configuration
1	WLAN 5GHz (chain 0) + Bluetooth (chain 0)
2	WLAN 5GHz (chain 1) + Bluetooth (chain 0)
3	WLAN 5GHz MIMO + Bluetooth (chain 0)
4	WWAN + WLAN 2.4GHz (chain 0)
5	WWAN + WLAN 2.4GHz (chain 1)
6	WWAN + WLAN 2.4GHz MIMO
7	WWAN + WLAN 5GHz (chain 0)
8	WWAN + WLAN 5GHz (chain 1)
9	WWAN + WLAN 5GHz MIMO
10	WWAN + Bluetooth (chain 0)
11	WWAN + Bluetooth (chain 1)
12	WWAN + WLAN 5GHz (chain 0) + Bluetooth (chain 0)
13	WWAN + WLAN 5GHz (chain 1) + Bluetooth (chain 0)
14	WWAN + WLAN 5GHz MIMO + Bluetooth (chain 0)

Table 12.1: Maximum Simultaneous Transmission SAR

<i>I</i>	Position	Sum (W/kg)
Highest reported SAR value for Head	Right Tilt (LTE Band 26 + WLAN 2.4GHz MIMO)	1.58
Highest reported SAR value for Hotspot	Top Side (LTE Band 2 + WLAN 5GHz MIMO + Bluetooth)	1.55
Highest reported SAR value for Body-worn	Rear Side (LTE Band 2 + WLAN 5GHz MIMO + Bluetooth)	1.14

Note: the test positions of above tables are for the worse case that has been evaluated.

Conclusion:

According to the above tables, the sum of reported SAR values is less than limit. So the simultaneous transmission SAR with volume scans is not required.

13. Summary of Test Results

According to the client's decision rule in the test registration form, which is "based on the measurement results as the basis of the conformity statement", the test conclusion of this report meets the limit requirements.

The calculated SAR is obtained by the following formula:

$$\text{Reported SAR} = \text{Measured SAR} \times 10^{(P_{\text{Target}} - P_{\text{Measured}})/10}$$

Where P_{Target} is the power of manufacturing upper limit;

P_{Measured} is the measured power in chapter 10.

General Note:

1. Per KDB648474 D04v01r03, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm, 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.

a. WLAN5GHz U-NII-2A and U-NII-2C tested the product specific 10g SAR since it has no hotspot mode.

b. When 10-g product specific 10g SAR is considered, SAR thresholds is specified in the procedures for SAR test reduction and exclusion should be multiplied by 2.5.

2. The device support dual SIMs, SIM1 was used for the all configuration SAR testing and SIM2 test the worst case SAR of SIM1.

Duty Cycle

Mode	Duty Cycle
Speech for GSM	1:8.3
GPRS	1:4
WCDMA	1:1
FDD_LTE	1:1
TDD_LTE	1:1.58
Bluetooth	1:1
WLAN	1:1

13.1. Testing Environment

Temperature:	18°C~25°C
Relative humidity:	30%~70%
Ambient noise & Reflection:	< 0.012 W/kg

13.2. Test Results for 2G/3G/4G

Table 13.1: GSM 850 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	DSI2	Head	GSM850	251	848.8	Speech	Left Cheek	0mm	\	1	32.56	33.50	0.116	0.14	0.084	0.10	-0.01
0	DSI2	Head	GSM850	251	848.8	Speech	Left Tilt	0mm	\	\	32.56	33.50	0.071	0.09	0.053	0.07	0.19
0	DSI2	Head	GSM850	251	848.8	Speech	Right Cheek	0mm	\	\	32.56	33.50	0.098	0.12	0.070	0.09	0.05
0	DSI2	Head	GSM850	251	848.8	Speech	Right Tilt	0mm	\	\	32.56	33.50	0.051	0.06	0.038	0.05	-0.17
0	DSI1	Hotspot	GSM850	251	848.8	GPRS(2TX)	Front	10mm	\	\	30.12	31.50	0.154	0.21	0.095	0.13	0.05
0	DSI1	Hotspot	GSM850	251	848.8	GPRS(2TX)	Rear	10mm	\	2	30.12	31.50	0.225	0.31	0.140	0.19	0.11
0	DSI1	Hotspot	GSM850	251	848.8	GPRS(2TX)	Left	10mm	\	\	30.12	31.50	0.109	0.15	0.063	0.09	-0.02
0	DSI1	Hotspot	GSM850	251	848.8	GPRS(2TX)	Bottom	10mm	\	\	30.12	31.50	0.150	0.21	0.086	0.12	0.03
0	DSI1	Body-Worn	GSM850	251	848.8	GPRS(2TX)	Front	15mm	\	\	30.12	31.50	0.078	0.11	0.054	0.07	0.10
0	DSI1	Body-Worn	GSM850	251	848.8	GPRS(2TX)	Rear	15mm	\	\	30.12	31.50	0.099	0.14	0.063	0.09	0.04

Table 13.2: GSM 1900 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	DSI2	Head	GSM1900	810	1909.8	Speech	Left Cheek	0mm	\	\	29.93	30.50	0.060	0.07	0.037	0.04	-0.16
4	DSI2	Head	GSM1900	810	1909.8	Speech	Left Tilt	0mm	\	\	29.93	30.50	0.043	0.05	0.026	0.03	0.11
4	DSI2	Head	GSM1900	810	1909.8	Speech	Right Cheek	0mm	\	3	29.93	30.50	0.064	0.07	0.038	0.04	-0.04
4	DSI2	Head	GSM1900	810	1909.8	Speech	Right Tilt	0mm	\	\	29.93	30.50	0.045	0.05	0.027	0.03	0.16
4	DSI1	Hotspot	GSM1900	810	1909.8	GPRS(2TX)	Front	10mm	\	\	27.33	28.50	0.204	0.27	0.114	0.15	0.04
4	DSI1	Hotspot	GSM1900	810	1909.8	GPRS(2TX)	Rear	10mm	\	\	27.33	28.50	0.339	0.44	0.191	0.25	0.13
4	DSI1	Hotspot	GSM1900	810	1909.8	GPRS(2TX)	Right	10mm	\	\	27.33	28.50	0.133	0.17	0.069	0.09	0.07
4	DSI1	Hotspot	GSM1900	810	1909.8	GPRS(2TX)	Bottom	10mm	\	4	27.33	28.50	0.562	0.74	0.312	0.41	-0.01
4	DSI1	Body-Worn	GSM1900	810	1909.8	GPRS(2TX)	Front	15mm	\	\	27.33	28.50	0.133	0.17	0.080	0.10	0.07
4	DSI1	Body-Worn	GSM1900	810	1909.8	GPRS(2TX)	Rear	15mm	\	\	27.33	28.50	0.203	0.27	0.124	0.16	0.04

Table 13.3: WCDMA Band 2 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	WCDMA Band 2	9262	1852.4	RMC	Left Cheek	0mm	\	\	17.42	18.10	0.375	0.44	0.251	0.29	0.14
1	DSI2	Head	WCDMA Band 2	9262	1852.4	RMC	Left Tilt	0mm	\	\	17.42	18.10	0.442	0.52	0.268	0.31	-0.17
1	DSI2	Head	WCDMA Band 2	9262	1852.4	RMC	Right Cheek	0mm	\	5	17.42	18.10	0.856	1.00	0.456	0.53	-0.13
1	DSI2	Head	WCDMA Band 2	9262	1852.4	RMC	Right Tilt	0mm	\	\	17.42	18.10	0.669	0.78	0.338	0.40	0.01
1	DSI2	Head	WCDMA Band 2	9538	1907.6	RMC	Right Cheek	0mm	\	\	17.17	18.10	0.802	0.99	0.426	0.53	-0.11
1	DSI2	Head	WCDMA Band 2	9400	1880.0	RMC	Right Cheek	0mm	\	\	17.18	18.10	0.772	0.95	0.409	0.51	-0.18
1	DSI4	Head	WCDMA Band 2	9262	1852.4	RMC	Left Cheek	0mm	\	\	16.30	17.10	0.294	0.35	0.198	0.24	-0.12
1	DSI4	Head	WCDMA Band 2	9262	1852.4	RMC	Left Tilt	0mm	\	\	16.30	17.10	0.347	0.42	0.211	0.25	0.05
1	DSI4	Head	WCDMA Band 2	9262	1852.4	RMC	Right Cheek	0mm	\	\	16.30	17.10	0.672	0.81	0.359	0.43	0.11
1	DSI4	Head	WCDMA Band 2	9262	1852.4	RMC	Right Tilt	0mm	\	\	16.30	17.10	0.525	0.63	0.266	0.32	-0.15
1	DSI4	Head	WCDMA Band 2	9538	1907.6	RMC	Right Cheek	0mm	\	\	16.19	17.10	0.630	0.78	0.335	0.41	0.02
1	DSI4	Head	WCDMA Band 2	9400	1880.0	RMC	Right Cheek	0mm	\	\	16.21	17.10	0.606	0.74	0.322	0.40	-0.13
1	DSI1	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Front	10mm	\	\	21.08	21.90	0.437	0.53	0.243	0.29	-0.07
1	DSI1	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Rear	10mm	\	\	21.08	21.90	0.678	0.82	0.373	0.45	-0.16
1	DSI1	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Left	10mm	\	\	21.08	21.90	0.504	0.61	0.246	0.30	0.08
1	DSI1	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Top	10mm	\	\	21.08	21.90	0.673	0.81	0.383	0.46	-0.04
1	DSI1	Hotspot	WCDMA Band 2	9538	1907.6	RMC	Rear	10mm	\	\	20.98	21.90	0.647	0.80	0.338	0.42	0.08
1	DSI1	Hotspot	WCDMA Band 2	9400	1880.0	RMC	Rear	10mm	\	\	20.94	21.90	0.631	0.79	0.333	0.42	0.08
1	DSI1	Hotspot	WCDMA Band 2	9538	1907.6	RMC	Top	10mm	\	\	20.98	21.90	0.666	0.82	0.372	0.46	0.09
1	DSI1	Hotspot	WCDMA Band 2	9400	1880.0	RMC	Top	10mm	\	\	20.94	21.90	0.651	0.81	0.364	0.45	-0.15
1	DSI3	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Front	10mm	\	\	20.04	20.70	0.344	0.40	0.193	0.22	-0.18
1	DSI3	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Rear	10mm	\	\	20.04	20.70	0.534	0.62	0.297	0.35	-0.08
1	DSI3	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Left	10mm	\	\	20.04	20.70	0.397	0.46	0.196	0.23	-0.04
1	DSI3	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Top	10mm	\	\	20.04	20.70	0.530	0.62	0.305	0.36	-0.13
1	DSI1	Body-Worn	WCDMA Band 2	9262	1852.4	RMC	Front	15mm	\	\	21.08	21.90	0.232	0.28	0.134	0.16	0.07
1	DSI1	Body-Worn	WCDMA Band 2	9262	1852.4	RMC	Rear	15mm	\	\	21.08	21.90	0.319	0.39	0.184	0.22	0.05

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	DSI2	Head	WCDMA Band 2	9262	1852.4	RMC	Left Cheek	0mm	\	\	23.17	24.50	0.101	0.14	0.062	0.08	-0.07
4	DSI2	Head	WCDMA Band 2	9262	1852.4	RMC	Left Tilt	0mm	\	\	23.17	24.50	0.079	0.11	0.047	0.06	-0.02
4	DSI2	Head	WCDMA Band 2	9262	1852.4	RMC	Right Cheek	0mm	\	\	23.17	24.50	0.102	0.14	0.062	0.08	0.01
4	DSI2	Head	WCDMA Band 2	9262	1852.4	RMC	Right Tilt	0mm	\	\	23.17	24.50	0.069	0.09	0.044	0.06	-0.08
4	DSI1	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Front	10mm	\	\	22.23	23.30	0.377	0.48	0.218	0.28	0.17
4	DSI1	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Rear	10mm	\	\	22.23	23.30	0.462	0.59	0.273	0.35	0.06
4	DSI1	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Right	10mm	\	\	22.23	23.30	0.202	0.26	0.112	0.14	0.01
4	DSI1	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Bottom	10mm	\	\	22.23	23.30	0.712	0.91	0.383	0.49	0.10
4	DSI1	Hotspot	WCDMA Band 2	9538	1907.6	RMC	Bottom	10mm	\	6	22.03	23.30	0.776	1.04	0.429	0.57	0.07
4	DSI1	Hotspot	WCDMA Band 2	9400	1880.0	RMC	Bottom	10mm	\	\	22.05	23.30	0.727	0.97	0.398	0.53	0.18
4	DSI3	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Front	10mm	\	\	21.02	22.10	0.299	0.38	0.178	0.23	-0.12
4	DSI3	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Rear	10mm	\	\	21.02	22.10	0.366	0.47	0.222	0.28	0.10
4	DSI3	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Right	10mm	\	\	21.02	22.10	0.160	0.21	0.091	0.12	-0.11
4	DSI3	Hotspot	WCDMA Band 2	9262	1852.4	RMC	Bottom	10mm	\	\	21.02	22.10	0.564	0.72	0.312	0.40	0.17
4	DSI1	Body-Worn	WCDMA Band 2	9262	1852.4	RMC	Front	15mm	\	\	22.23	23.30	0.192	0.25	0.122	0.16	0.02
4	DSI1	Body-Worn	WCDMA Band 2	9262	1852.4	RMC	Rear	15mm	\	\	22.23	23.30	0.241	0.31	0.149	0.19	0.15

Table 13.4: WCDMA Band 4 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	WCDMA Band 4	1513	1752.6	RMC	Left Cheek	0mm	\	\	18.15	19.00	0.433	0.53	0.293	0.36	-0.12
1	DSI2	Head	WCDMA Band 4	1513	1752.6	RMC	Left Tilt	0mm	\	\	18.15	19.00	0.481	0.58	0.295	0.36	0.17
1	DSI2	Head	WCDMA Band 4	1513	1752.6	RMC	Right Cheek	0mm	\	\	18.15	19.00	0.827	1.01	0.453	0.55	0.07
1	DSI2	Head	WCDMA Band 4	1513	1752.6	RMC	Right Tilt	0mm	\	\	18.15	19.00	0.492	0.60	0.276	0.34	0.15
1	DSI2	Head	WCDMA Band 4	1413	1732.6	RMC	Right Cheek	0mm	\	7	18.11	19.00	0.850	1.04	0.467	0.57	0.02
1	DSI2	Head	WCDMA Band 4	1312	1712.4	RMC	Right Cheek	0mm	\	\	18.06	19.00	0.728	0.90	0.405	0.50	0.06
1	DSI4	Head	WCDMA Band 4	1513	1752.6	RMC	Left Cheek	0mm	\	\	17.15	18.00	0.341	0.41	0.231	0.28	0.13
1	DSI4	Head	WCDMA Band 4	1513	1752.6	RMC	Left Tilt	0mm	\	\	17.15	18.00	0.379	0.46	0.232	0.28	0.05
1	DSI4	Head	WCDMA Band 4	1513	1752.6	RMC	Right Cheek	0mm	\	\	17.15	18.00	0.651	0.79	0.357	0.43	0.02
1	DSI4	Head	WCDMA Band 4	1513	1752.6	RMC	Right Tilt	0mm	\	\	17.15	18.00	0.387	0.47	0.218	0.27	0.02
1	DSI1	Hotspot	WCDMA Band 4	1513	1752.6	RMC	Front	10mm	\	\	22.59	23.50	0.427	0.53	0.247	0.30	-0.17
1	DSI1	Hotspot	WCDMA Band 4	1513	1752.6	RMC	Rear	10mm	\	\	22.59	23.50	0.636	0.78	0.361	0.45	-0.01
1	DSI1	Hotspot	WCDMA Band 4	1513	1752.6	RMC	Left	10mm	\	\	22.59	23.50	0.358	0.44	0.181	0.22	0.19
1	DSI1	Hotspot	WCDMA Band 4	1513	1752.6	RMC	Top	10mm	\	\	22.59	23.50	0.703	0.87	0.408	0.50	-0.09
1	DSI1	Hotspot	WCDMA Band 4	1413	1732.6	RMC	Top	10mm	\	\	22.57	23.50	0.699	0.87	0.409	0.51	0.18
1	DSI1	Hotspot	WCDMA Band 4	1312	1712.4	RMC	Top	10mm	\	\	22.49	23.50	0.674	0.85	0.393	0.50	-0.05
1	DSI3	Hotspot	WCDMA Band 4	1513	1752.6	RMC	Front	10mm	\	\	21.13	22.10	0.293	0.37	0.168	0.21	-0.06
1	DSI3	Hotspot	WCDMA Band 4	1513	1752.6	RMC	Rear	10mm	\	\	21.13	22.10	0.440	0.55	0.278	0.35	0.19
1	DSI3	Hotspot	WCDMA Band 4	1513	1752.6	RMC	Left	10mm	\	\	21.13	22.10	0.246	0.31	0.123	0.15	-0.13
1	DSI3	Hotspot	WCDMA Band 4	1513	1752.6	RMC	Top	10mm	\	\	21.13	22.10	0.483	0.60	0.278	0.35	-0.12
1	DSI1	Body-Worn	WCDMA Band 4	1513	1752.6	RMC	Front	15mm	\	\	22.59	23.50	0.224	0.28	0.135	0.17	0.03
1	DSI1	Body-Worn	WCDMA Band 4	1513	1752.6	RMC	Rear	15mm	\	\	22.59	23.50	0.284	0.35	0.170	0.21	0.06

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	DSI2	Head	WCDMA Band 4	1413	1732.6	RMC	Left Cheek	0mm	\	\	22.98	24.50	0.088	0.12	0.055	0.08	0.02
4	DSI2	Head	WCDMA Band 4	1413	1732.6	RMC	Left Tilt	0mm	\	\	22.98	24.50	0.053	0.07	0.031	0.04	0.06
4	DSI2	Head	WCDMA Band 4	1413	1732.6	RMC	Right Cheek	0mm	\	\	22.98	24.50	0.079	0.11	0.049	0.07	0.11
4	DSI2	Head	WCDMA Band 4	1413	1732.6	RMC	Right Tilt	0mm	\	\	22.98	24.50	0.053	0.08	0.032	0.05	-0.04
4	DSI1	Hotspot	WCDMA Band 4	1413	1732.6	RMC	Front	10mm	\	\	22.39	23.70	0.453	0.61	0.263	0.36	-0.10
4	DSI1	Hotspot	WCDMA Band 4	1413	1732.6	RMC	Rear	10mm	\	\	22.39	23.70	0.518	0.70	0.314	0.42	0.07
4	DSI1	Hotspot	WCDMA Band 4	1413	1732.6	RMC	Right	10mm	\	\	22.39	23.70	0.211	0.29	0.114	0.15	0.17
4	DSI1	Hotspot	WCDMA Band 4	1413	1732.6	RMC	Bottom	10mm	\	\	22.39	23.70	0.812	1.10	0.449	0.61	0.06
4	DSI1	Hotspot	WCDMA Band 4	1513	1752.6	RMC	Bottom	10mm	\	\	22.37	23.70	0.783	1.06	0.435	0.59	-0.04
4	DSI1	Hotspot	WCDMA Band 4	1312	1712.4	RMC	Bottom	10mm	\	8	22.32	23.70	0.834	1.15	0.458	0.63	-0.17
4	DSI1	Hotspot	WCDMA Band 4	1312	1712.4	RMC	Bottom	10mm	SIM2	\	22.32	23.70	0.815	1.12	0.433	0.59	0.12
4	DSI3	Hotspot	WCDMA Band 4	1413	1732.6	RMC	Front	10mm	\	\	21.29	22.50	0.333	0.44	0.448	0.59	0.08
4	DSI3	Hotspot	WCDMA Band 4	1413	1732.6	RMC	Rear	10mm	\	\	21.29	22.50	0.380	0.50	0.514	0.68	0.04
4	DSI3	Hotspot	WCDMA Band 4	1413	1732.6	RMC	Right	10mm	\	\	21.29	22.50	0.155	0.20	0.213	0.28	0.03
4	DSI3	Hotspot	WCDMA Band 4	1413	1732.6	RMC	Bottom	10mm	\	\	21.29	22.50	0.597	0.79	0.330	0.44	0.18
4	DSI1	Body-Worn	WCDMA Band 4	1413	1732.6	RMC	Front	15mm	\	\	22.39	23.70	0.228	0.31	0.105	0.14	0.03
4	DSI1	Body-Worn	WCDMA Band 4	1413	1732.6	RMC	Rear	15mm	\	\	22.39	23.70	0.252	0.34	0.165	0.22	-0.13

Table 13.5: WCDMA Band 5 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	WCDMA Band 5	4132	826.4	RMC	Left Cheek	0mm	\	\	23.36	24.80	0.464	0.65	0.303	0.42	0.03
1	DSI2	Head	WCDMA Band 5	4132	826.4	RMC	Left Tilt	0mm	\	\	23.36	24.80	0.394	0.55	0.237	0.33	0.10
1	DSI2	Head	WCDMA Band 5	4132	826.4	RMC	Right Cheek	0mm	\	\	23.36	24.80	0.732	1.02	0.453	0.63	0.17
1	DSI2	Head	WCDMA Band 5	4132	826.4	RMC	Right Tilt	0mm	\	\	23.36	24.80	0.521	0.73	0.295	0.41	-0.18
1	DSI2	Head	WCDMA Band 5	4233	846.6	RMC	Right Cheek	0mm	\	\	23.28	24.80	0.715	1.01	0.445	0.63	0.07
1	DSI2	Head	WCDMA Band 5	4183	836.6	RMC	Right Cheek	0mm	\	9	23.23	24.80	0.789	1.13	0.463	0.66	0.01
1	DSI1	Hotspot	WCDMA Band 5	4132	826.4	RMC	Front	10mm	\	\	23.36	24.80	0.166	0.23	0.099	0.14	-0.13
1	DSI1	Hotspot	WCDMA Band 5	4132	826.4	RMC	Rear	10mm	\	10	23.36	24.80	0.258	0.36	0.154	0.21	-0.03
1	DSI1	Hotspot	WCDMA Band 5	4132	826.4	RMC	Left	10mm	\	\	23.36	24.80	0.176	0.25	0.117	0.16	-0.09
1	DSI1	Hotspot	WCDMA Band 5	4132	826.4	RMC	Top	10mm	\	\	23.36	24.80	0.175	0.24	0.096	0.13	0.05
1	DSI1	Body-Worn	WCDMA Band 5	4132	826.4	RMC	Front	15mm	\	\	23.36	24.80	0.103	0.14	0.074	0.10	0.08
1	DSI1	Body-Worn	WCDMA Band 5	4132	826.4	RMC	Rear	15mm	\	\	23.36	24.80	0.125	0.17	0.078	0.11	-0.11

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	DSI2	Head	WCDMA Band 5	4233	846.6	RMC	Left Cheek	0mm	\	\	23.51	25.00	0.123	0.17	0.089	0.12	-0.11
0	DSI2	Head	WCDMA Band 5	4233	846.6	RMC	Left Tilt	0mm	\	\	23.51	25.00	0.075	0.11	0.054	0.08	0.02
0	DSI2	Head	WCDMA Band 5	4233	846.6	RMC	Right Cheek	0mm	\	\	23.51	25.00	0.096	0.14	0.068	0.10	0.10
0	DSI2	Head	WCDMA Band 5	4233	846.6	RMC	Right Tilt	0mm	\	\	23.51	25.00	0.057	0.08	0.043	0.06	-0.04
0	DSI1	Hotspot	WCDMA Band 5	4233	846.6	RMC	Front	10mm	\	\	23.51	25.00	0.142	0.20	0.086	0.12	-0.18
0	DSI1	Hotspot	WCDMA Band 5	4233	846.6	RMC	Rear	10mm	\	\	23.51	25.00	0.186	0.26	0.114	0.16	-0.05
0	DSI1	Hotspot	WCDMA Band 5	4233	846.6	RMC	Left	10mm	\	\	23.51	25.00	0.143	0.20	0.095	0.13	-0.13
0	DSI1	Hotspot	WCDMA Band 5	4233	846.6	RMC	Bottom	10mm	\	\	23.51	25.00	0.146	0.21	0.087	0.12	0.14
0	DSI1	Body-Worn	WCDMA Band 5	4233	846.6	RMC	Front	15mm	\	\	23.51	25.00	0.096	0.14	0.068	0.10	0.17
0	DSI1	Body-Worn	WCDMA Band 5	4233	846.6	RMC	Rear	15mm	\	\	23.51	25.00	0.108	0.15	0.082	0.12	0.02

Table 13.6: LTE Band 2 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	LTE Band 2	18700	1860.0	1RB0	Left Cheek	0mm	\	\	16.79	17.70	0.371	0.46	0.251	0.31	-0.03
1	DSI2	Head	LTE Band 2	18700	1860.0	50RB0	Left Cheek	0mm	\	\	16.84	17.70	0.383	0.47	0.254	0.31	-0.02
1	DSI2	Head	LTE Band 2	18700	1860.0	1RB0	Left Tilt	0mm	\	\	16.79	17.70	0.397	0.49	0.245	0.30	-0.13
1	DSI2	Head	LTE Band 2	18700	1860.0	50RB0	Left Tilt	0mm	\	\	16.84	17.70	0.401	0.49	0.246	0.30	0.06
1	DSI2	Head	LTE Band 2	18700	1860.0	1RB0	Right Cheek	0mm	\	\	16.79	17.70	0.763	0.94	0.409	0.50	-0.09
1	DSI2	Head	LTE Band 2	18700	1860.0	50RB0	Right Cheek	0mm	\	\	16.84	17.70	0.799	0.97	0.428	0.52	-0.01
1	DSI2	Head	LTE Band 2	18700	1860.0	1RB0	Right Tilt	0mm	\	\	16.79	17.70	0.534	0.66	0.288	0.36	-0.03
1	DSI2	Head	LTE Band 2	18700	1860.0	50RB0	Right Tilt	0mm	\	\	16.84	17.70	0.553	0.67	0.299	0.36	-0.11
1	DSI2	Head	LTE Band 2	18900	1880.0	1RB0	Right Cheek	0mm	\	\	16.65	17.70	0.712	0.91	0.378	0.48	0.06
1	DSI2	Head	LTE Band 2	19100	1900.0	1RB0	Right Cheek	0mm	\	\	16.45	17.70	0.726	0.97	0.387	0.52	0.07
1	DSI2	Head	LTE Band 2	18900	1880.0	50RB0	Right Cheek	0mm	\	\	16.63	17.70	0.676	0.86	0.355	0.45	-0.15
1	DSI2	Head	LTE Band 2	19100	1900.0	50RB0	Right Cheek	0mm	\	\	16.60	17.70	0.705	0.91	0.375	0.48	0.00
1	DSI2	Head	LTE Band 2	18700	1860.0	100RB	Right Cheek	0mm	\	11	16.77	17.70	0.815	1.01	0.434	0.54	0.16
1	DSI4	Head	LTE Band 2	18700	1860.0	1RB0	Left Cheek	0mm	\	\	15.60	16.70	0.272	0.35	0.185	0.24	0.05
1	DSI4	Head	LTE Band 2	18700	1860.0	50RB0	Left Cheek	0mm	\	\	15.68	16.70	0.280	0.35	0.187	0.24	-0.18
1	DSI4	Head	LTE Band 2	18700	1860.0	1RB0	Left Tilt	0mm	\	\	15.60	16.70	0.291	0.37	0.180	0.23	0.02
1	DSI4	Head	LTE Band 2	18700	1860.0	50RB0	Left Tilt	0mm	\	\	15.68	16.70	0.294	0.37	0.181	0.23	-0.19
1	DSI4	Head	LTE Band 2	18700	1860.0	1RB0	Right Cheek	0mm	\	\	15.60	16.70	0.559	0.72	0.301	0.39	0.03
1	DSI4	Head	LTE Band 2	18700	1860.0	50RB0	Right Cheek	0mm	\	\	15.68	16.70	0.585	0.74	0.315	0.40	0.09
1	DSI4	Head	LTE Band 2	18700	1860.0	1RB0	Right Tilt	0mm	\	\	15.60	16.70	0.391	0.50	0.212	0.27	0.10
1	DSI4	Head	LTE Band 2	18700	1860.0	50RB0	Right Tilt	0mm	\	\	15.68	16.70	0.405	0.51	0.220	0.28	0.09
1	DSI1	Hotspot	LTE Band 2	18700	1860.0	1RB0	Front	10mm	\	\	21.23	22.30	0.428	0.55	0.240	0.31	-0.07
1	DSI1	Hotspot	LTE Band 2	18700	1860.0	50RB0	Front	10mm	\	\	20.92	21.90	0.406	0.51	0.224	0.28	0.10
1	DSI1	Hotspot	LTE Band 2	18700	1860.0	1RB0	Rear	10mm	\	\	21.23	22.30	0.690	0.88	0.376	0.48	0.17
1	DSI1	Hotspot	LTE Band 2	18700	1860.0	50RB0	Rear	10mm	\	\	20.92	21.90	0.615	0.77	0.335	0.42	0.05
1	DSI1	Hotspot	LTE Band 2	18700	1860.0	1RB0	Left	10mm	\	\	21.23	22.30	0.395	0.51	0.200	0.26	-0.11
1	DSI1	Hotspot	LTE Band 2	18700	1860.0	50RB0	Left	10mm	\	\	20.92	21.90	0.373	0.47	0.189	0.24	0.15
1	DSI1	Hotspot	LTE Band 2	18700	1860.0	1RB0	Top	10mm	\	12	21.23	22.30	0.767	0.98	0.429	0.55	0.02
1	DSI1	Hotspot	LTE Band 2	18700	1860.0	50RB0	Top	10mm	\	\	20.92	21.90	0.702	0.88	0.392	0.49	-0.16
1	DSI1	Hotspot	LTE Band 2	19100	1900.0	1RB0	Rear	10mm	\	\	21.09	22.50	0.623	0.86	0.345	0.48	-0.07
1	DSI1	Hotspot	LTE Band 2	18900	1880.0	1RB0	Rear	10mm	\	\	20.99	22.50	0.505	0.71	0.249	0.35	0.06
1	DSI1	Hotspot	LTE Band 2	19100	1900.0	1RB0	Top	10mm	\	\	21.09	22.50	0.612	0.85	0.345	0.48	0.16
1	DSI1	Hotspot	LTE Band 2	18900	1880.0	1RB0	Top	10mm	\	\	20.99	22.50	0.663	0.94	0.371	0.53	0.02
1	DSI1	Hotspot	LTE Band 2	19100	1900.0	50RB0	Top	10mm	\	\	20.73	21.90	0.528	0.69	0.296	0.39	0.16
1	DSI1	Hotspot	LTE Band 2	18900	1880.0	50RB0	Top	10mm	\	\	20.75	21.90	0.575	0.75	0.322	0.42	-0.03
1	DSI1	Hotspot	LTE Band 2	18700	1860.0	100RB0	Top	10mm	\	\	20.86	21.90	0.543	0.69	0.318	0.40	0.06
1	DSI3	Hotspot	LTE Band 2	18700	1860.0	1RB0	Front	10mm	\	\	19.97	21.10	0.324	0.42	0.183	0.24	0.14
1	DSI3	Hotspot	LTE Band 2	18700	1860.0	50RB0	Front	10mm	\	\	19.99	21.10	0.307	0.40	0.171	0.22	-0.04
1	DSI3	Hotspot	LTE Band 2	18700	1860.0	1RB0	Rear	10mm	\	\	19.97	21.10	0.522	0.68	0.287	0.37	0.14
1	DSI3	Hotspot	LTE Band 2	18700	1860.0	50RB0	Rear	10mm	\	\	19.99	21.10	0.465	0.60	0.255	0.33	0.05
1	DSI3	Hotspot	LTE Band 2	18700	1860.0	1RB0	Left	10mm	\	\	19.97	21.10	0.299	0.39	0.152	0.20	0.02
1	DSI3	Hotspot	LTE Band 2	18700	1860.0	50RB0	Left	10mm	\	\	19.99	21.10	0.282	0.36	0.144	0.19	-0.19
1	DSI3	Hotspot	LTE Band 2	18700	1860.0	1RB0	Top	10mm	\	\	19.97	21.10	0.580	0.75	0.327	0.42	-0.04
1	DSI3	Hotspot	LTE Band 2	18700	1860.0	50RB0	Top	10mm	\	\	19.99	21.10	0.531	0.69	0.299	0.39	-0.06
1	DSI1	Body-Worn	LTE Band 2	18700	1860.0	1RB0	Front	15mm	\	\	21.23	22.30	0.273	0.35	0.158	0.20	-0.03
1	DSI1	Body-Worn	LTE Band 2	18700	1860.0	50RB0	Front	15mm	\	\	20.92	21.90	0.253	0.32	0.143	0.18	0.05
1	DSI1	Body-Worn	LTE Band 2	18700	1860.0	1RB0	Rear	15mm	\	\	21.23	22.30	0.439	0.56	0.255	0.33	0.03
1	DSI1	Body-Worn	LTE Band 2	18700	1860.0	50RB0	Rear	15mm	\	\	20.92	21.90	0.370	0.46	0.209	0.26	0.06
1	DSI1	Body-Worn	LTE Band 2	18700	1860.0	1RB0	Rear	15mm	SIM2	\	21.23	22.30	0.421	0.54	0.237	0.30	-0.09

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	DSI2	Head	LTE Band 2	18700	1860.0	1RB0	Left Cheek	0mm	\	\	22.43	23.50	0.096	0.12	0.059	0.08	-0.02
4	DSI2	Head	LTE Band 2	18700	1860.0	50RB0	Left Cheek	0mm	\	\	21.51	22.50	0.078	0.10	0.048	0.06	0.15
4	DSI2	Head	LTE Band 2	18700	1860.0	1RB0	Left Tilt	0mm	\	\	22.43	23.50	0.044	0.06	0.027	0.03	-0.03
4	DSI2	Head	LTE Band 2	18700	1860.0	50RB0	Left Tilt	0mm	\	\	21.51	22.50	<0.01	<0.01	<0.01	<0.01	\
4	DSI2	Head	LTE Band 2	18700	1860.0	1RB0	Right Cheek	0mm	\	\	22.43	23.50	0.086	0.11	0.053	0.07	0.17
4	DSI2	Head	LTE Band 2	18700	1860.0	50RB0	Right Cheek	0mm	\	\	21.51	22.50	0.069	0.09	0.042	0.05	0.16
4	DSI2	Head	LTE Band 2	18700	1860.0	1RB0	Right Tilt	0mm	\	\	22.43	23.50	<0.01	<0.01	<0.01	<0.01	\
4	DSI2	Head	LTE Band 2	18700	1860.0	50RB0	Right Tilt	0mm	\	\	21.51	22.50	<0.01	<0.01	<0.01	<0.01	\
4	DSI1	Hotspot	LTE Band 2	18700	1860.0	1RB0	Front	10mm	\	\	22.09	23.10	0.315	0.40	0.177	0.22	0.19
4	DSI1	Hotspot	LTE Band 2	18700	1860.0	50RB0	Front	10mm	\	\	21.54	22.50	0.291	0.36	0.162	0.20	0.16
4	DSI1	Hotspot	LTE Band 2	18700	1860.0	1RB0	Rear	10mm	\	\	22.09	23.10	0.409	0.52	0.243	0.31	0.11
4	DSI1	Hotspot	LTE Band 2	18700	1860.0	50RB0	Rear	10mm	\	\	21.54	22.50	0.373	0.47	0.219	0.27	0.01
4	DSI1	Hotspot	LTE Band 2	18700	1860.0	1RB0	Right	10mm	\	\	22.09	23.10	0.187	0.24	0.103	0.13	-0.15
4	DSI1	Hotspot	LTE Band 2	18700	1860.0	50RB0	Right	10mm	\	\	21.54	22.50	0.173	0.22	0.095	0.12	0.10
4	DSI1	Hotspot	LTE Band 2	18700	1860.0	1RB0	Bottom	10mm	\	\	22.09	23.10	0.645	0.81	0.357	0.45	-0.07
4	DSI1	Hotspot	LTE Band 2	18700	1860.0	50RB0	Bottom	10mm	\	\	21.54	22.50	0.626	0.78	0.339	0.42	0.08
4	DSI1	Hotspot	LTE Band 2	19100	1900.0	1RB0	Bottom	10mm	\	\	21.90	23.10	0.659	0.87	0.364	0.48	-0.16
4	DSI1	Hotspot	LTE Band 2	18900	1880.0	1RB0	Bottom	10mm	\	\	21.79	23.10	0.661	0.89	0.368	0.50	-0.12
4	DSI1	Hotspot	LTE Band 2	18700	1860.0	100RB	Bottom	10mm	\	\	21.46	22.50	0.605	0.77	0.342	0.43	-0.04
4	DSI3	Hotspot	LTE Band 2	18700	1860.0	1RB0	Front	10mm	\	\	20.82	21.90	0.267	0.34	0.152	0.19	-0.15
4	DSI3	Hotspot	LTE Band 2	18700	1860.0	50RB0	Front	10mm	\	\	20.78	21.90	0.289	0.37	0.162	0.21	-0.02
4	DSI3	Hotspot	LTE Band 2	18700	1860.0	1RB0	Rear	10mm	\	\	20.82	21.90	0.347	0.44	0.209	0.27	0.16
4	DSI3	Hotspot	LTE Band 2	18700	1860.0	50RB0	Rear	10mm	\	\	20.78	21.90	0.370	0.48	0.220	0.28	-0.16
4	DSI3	Hotspot	LTE Band 2	18700	1860.0	1RB0	Right	10mm	\	\	20.82	21.90	0.159	0.20	0.089	0.11	0.13
4	DSI3	Hotspot	LTE Band 2	18700	1860.0	50RB0	Right	10mm	\	\	20.78	21.90	0.172	0.22	0.096	0.12	-0.12
4	DSI3	Hotspot	LTE Band 2	18700	1860.0	1RB0	Bottom	10mm	\	\	20.82	21.90	0.547	0.70	0.307	0.39	-0.04
4	DSI3	Hotspot	LTE Band 2	18700	1860.0	50RB0	Bottom	10mm	\	\	20.78	21.90	0.586	0.76	0.327	0.42	-0.05
4	DSI1	Body-Worn	LTE Band 2	18700	1860.0	1RB0	Front	15mm	\	\	22.09	23.10	0.176	0.22	0.109	0.14	0.05
4	DSI1	Body-Worn	LTE Band 2	18700	1860.0	50RB0	Front	15mm	\	\	21.54	22.50	0.161	0.20	0.099	0.12	0.17
4	DSI1	Body-Worn	LTE Band 2	18700	1860.0	1RB0	Rear	15mm	\	\	22.09	23.10	0.214	0.27	0.132	0.17	0.12
4	DSI1	Body-Worn	LTE Band 2	18700	1860.0	50RB0	Rear	15mm	\	\	21.54	22.50	0.196	0.24	0.123	0.15	-0.07

Table 13.7: LTE Band 4 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	LTE Band 4	20175	1732.5	1RB99	Left Cheek	0mm	\	\	17.76	18.90	0.482	0.63	0.326	0.42	0.02
1	DSI2	Head	LTE Band 4	20300	1745.0	50RB50	Left Cheek	0mm	\	\	17.81	18.90	0.477	0.61	0.323	0.42	-0.15
1	DSI2	Head	LTE Band 4	20175	1732.5	1RB99	Left Tilt	0mm	\	\	17.76	18.90	0.456	0.59	0.285	0.37	0.10
1	DSI2	Head	LTE Band 4	20300	1745.0	50RB50	Left Tilt	0mm	\	\	17.81	18.90	0.461	0.59	0.287	0.37	0.18
1	DSI2	Head	LTE Band 4	20175	1732.5	1RB99	Right Cheek	0mm	\	\	17.76	18.90	0.778	1.01	0.448	0.58	0.06
1	DSI2	Head	LTE Band 4	20300	1745.0	50RB50	Right Cheek	0mm	\	\	17.81	18.90	0.836	1.07	0.463	0.60	0.08
1	DSI2	Head	LTE Band 4	20175	1732.5	1RB99	Right Tilt	0mm	\	\	17.76	18.90	0.529	0.69	0.298	0.39	-0.10
1	DSI2	Head	LTE Band 4	20300	1745.0	50RB50	Right Tilt	0mm	\	\	17.81	18.90	0.531	0.68	0.295	0.38	0.00
1	DSI2	Head	LTE Band 4	20300	1745.0	1RB99	Right Cheek	0mm	\	\	17.72	18.90	0.812	1.07	0.454	0.60	0.06
1	DSI2	Head	LTE Band 4	20050	1720.0	1RB99	Right Cheek	0mm	\	\	17.70	18.90	0.819	1.08	0.457	0.60	0.14
1	DSI2	Head	LTE Band 4	20175	1732.5	50RB50	Right Cheek	0mm	\	\	17.74	18.90	0.828	1.08	0.462	0.60	0.13
1	DSI2	Head	LTE Band 4	20050	1720.0	50RB50	Right Cheek	0mm	\	\	17.75	18.90	0.812	1.06	0.464	0.60	-0.13
1	DSI2	Head	LTE Band 4	20300	1745.0	100RB	Right Cheek	0mm	\	\	17.79	18.90	0.821	1.06	0.463	0.60	0.18
1	DSI4	Head	LTE Band 4	20175	1732.5	1RB99	Left Cheek	0mm	\	\	16.83	17.90	0.362	0.46	0.244	0.31	0.07
1	DSI4	Head	LTE Band 4	20300	1745.0	50RB50	Left Cheek	0mm	\	\	16.87	17.90	0.358	0.45	0.242	0.31	0.13
1	DSI4	Head	LTE Band 4	20175	1732.5	1RB99	Left Tilt	0mm	\	\	16.83	17.90	0.343	0.44	0.214	0.27	-0.10
1	DSI4	Head	LTE Band 4	20300	1745.0	50RB50	Left Tilt	0mm	\	\	16.87	17.90	0.346	0.44	0.215	0.27	0.05
1	DSI4	Head	LTE Band 4	20175	1732.5	1RB99	Right Cheek	0mm	\	\	16.83	17.90	0.584	0.75	0.336	0.43	-0.08
1	DSI4	Head	LTE Band 4	20300	1745.0	50RB50	Right Cheek	0mm	\	\	16.87	17.90	0.628	0.80	0.347	0.44	0.12
1	DSI4	Head	LTE Band 4	20175	1732.5	1RB99	Right Tilt	0mm	\	\	16.83	17.90	0.397	0.51	0.223	0.29	-0.04
1	DSI4	Head	LTE Band 4	20300	1745.0	50RB50	Right Tilt	0mm	\	\	16.87	17.90	0.399	0.51	0.221	0.28	-0.08
1	DSI4	Head	LTE Band 4	20175	1732.5	50RB50	Right Cheek	0mm	\	\	16.85	17.90	0.622	0.79	0.346	0.44	0.19
1	DSI4	Head	LTE Band 4	20050	1720.0	50RB50	Right Cheek	0mm	\	\	16.81	17.90	0.611	0.79	0.348	0.45	-0.19
1	DSI4	Head	LTE Band 4	20300	1745.0	100RB	Right Cheek	0mm	\	\	16.91	17.90	0.617	0.77	0.347	0.44	-0.12
1	DSI1	Hotspot	LTE Band 4	20175	1732.5	1RB99	Front	10mm	\	\	21.66	22.90	0.340	0.45	0.204	0.27	0.16
1	DSI1	Hotspot	LTE Band 4	20300	1745.0	50RB50	Front	10mm	\	\	20.69	21.90	0.264	0.35	0.158	0.21	-0.18
1	DSI1	Hotspot	LTE Band 4	20175	1732.5	1RB99	Rear	10mm	\	\	21.66	22.90	0.526	0.70	0.302	0.40	-0.05
1	DSI1	Hotspot	LTE Band 4	20300	1745.0	50RB50	Rear	10mm	\	\	20.69	21.90	0.412	0.54	0.236	0.31	-0.11
1	DSI1	Hotspot	LTE Band 4	20175	1732.5	1RB99	Left	10mm	\	\	21.66	22.90	0.242	0.32	0.126	0.17	0.10
1	DSI1	Hotspot	LTE Band 4	20300	1745.0	50RB50	Left	10mm	\	\	20.69	21.90	0.189	0.25	0.099	0.13	-0.18
1	DSI1	Hotspot	LTE Band 4	20175	1732.5	1RB99	Top	10mm	\	\	21.66	22.90	0.607	0.81	0.347	0.46	-0.01
1	DSI1	Hotspot	LTE Band 4	20300	1745.0	50RB50	Top	10mm	\	\	20.69	21.90	0.471	0.62	0.269	0.36	-0.14
1	DSI1	Hotspot	LTE Band 4	20300	1745.0	1RB99	Top	10mm	\	\	21.63	22.90	0.544	0.73	0.313	0.42	-0.06
1	DSI1	Hotspot	LTE Band 4	20050	1720.0	1RB99	Top	10mm	\	\	21.51	22.90	0.542	0.75	0.313	0.43	-0.17
1	DSI1	Hotspot	LTE Band 4	20300	1745.0	100RB	Top	10mm	\	\	20.74	22.90	0.434	0.71	0.251	0.41	-0.15
1	DSI3	Hotspot	LTE Band 4	20175	1732.5	1RB99	Front	10mm	\	\	20.45	21.70	0.297	0.40	0.178	0.24	-0.19
1	DSI3	Hotspot	LTE Band 4	20300	1745.0	50RB50	Front	10mm	\	\	20.46	21.70	0.231	0.31	0.138	0.18	0.09
1	DSI3	Hotspot	LTE Band 4	20175	1732.5	1RB99	Rear	10mm	\	\	20.45	21.70	0.459	0.61	0.263	0.35	0.16
1	DSI3	Hotspot	LTE Band 4	20300	1745.0	50RB50	Rear	10mm	\	\	20.46	21.70	0.360	0.48	0.205	0.27	0.04
1	DSI3	Hotspot	LTE Band 4	20175	1732.5	1RB99	Left	10mm	\	\	20.45	21.70	0.211	0.28	0.110	0.15	0.02
1	DSI3	Hotspot	LTE Band 4	20300	1745.0	50RB50	Left	10mm	\	\	20.46	21.70	0.165	0.22	0.086	0.11	-0.11
1	DSI3	Hotspot	LTE Band 4	20175	1732.5	1RB99	Top	10mm	\	\	20.45	21.70	0.530	0.71	0.302	0.40	-0.12
1	DSI3	Hotspot	LTE Band 4	20300	1745.0	50RB50	Top	10mm	\	\	20.46	21.70	0.411	0.55	0.234	0.31	0.02
1	DSI1	Body-Worn	LTE Band 4	20175	1732.5	1RB99	Front	15mm	\	\	21.66	22.90	0.242	0.32	0.156	0.21	0.07
1	DSI1	Body-Worn	LTE Band 4	20300	1745.0	50RB50	Front	15mm	\	\	20.69	21.90	0.182	0.24	0.117	0.15	0.17
1	DSI1	Body-Worn	LTE Band 4	20175	1732.5	1RB99	Rear	15mm	\	\	21.66	22.90	0.323	0.43	0.193	0.26	0.04
1	DSI1	Body-Worn	LTE Band 4	20300	1745.0	50RB50	Rear	15mm	\	\	20.69	21.90	0.255	0.34	0.150	0.20	0.02

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	DSI2	Head	LTE Band 4	20300	1745.0	1RB0	Left Cheek	0mm	\	\	22.19	23.50	0.075	0.10	0.048	0.06	-0.12
4	DSI2	Head	LTE Band 4	20300	1745.0	50RB50	Left Cheek	0mm	\	\	21.23	22.50	0.054	0.07	0.033	0.04	-0.15
4	DSI2	Head	LTE Band 4	20300	1745.0	1RB0	Left Tilt	0mm	\	\	22.19	23.50	<0.01	<0.01	<0.01	<0.01	\
4	DSI2	Head	LTE Band 4	20300	1745.0	50RB50	Left Tilt	0mm	\	\	21.23	22.50	<0.01	<0.01	<0.01	<0.01	\
4	DSI2	Head	LTE Band 4	20300	1745.0	1RB0	Right Cheek	0mm	\	\	22.19	23.50	0.064	0.09	0.039	0.05	0.13
4	DSI2	Head	LTE Band 4	20300	1745.0	50RB50	Right Cheek	0mm	\	\	21.23	22.50	0.048	0.06	0.031	0.04	0.15
4	DSI2	Head	LTE Band 4	20300	1745.0	1RB0	Right Tilt	0mm	\	\	22.19	23.50	0.049	0.07	0.029	0.04	0.00
4	DSI2	Head	LTE Band 4	20300	1745.0	50RB50	Right Tilt	0mm	\	\	21.23	22.50	0.042	0.06	0.027	0.04	-0.13
4	DSI1	Hotspot	LTE Band 4	20300	1745.0	1RB0	Front	10mm	\	\	21.45	22.70	0.311	0.41	0.184	0.25	0.15
4	DSI1	Hotspot	LTE Band 4	20300	1745.0	50RB50	Front	10mm	\	\	21.28	22.50	0.299	0.40	0.175	0.23	0.03
4	DSI1	Hotspot	LTE Band 4	20300	1745.0	1RB0	Rear	10mm	\	\	21.45	22.70	0.375	0.50	0.235	0.31	-0.14
4	DSI1	Hotspot	LTE Band 4	20300	1745.0	50RB50	Rear	10mm	\	\	21.28	22.50	0.361	0.48	0.223	0.30	-0.05
4	DSI1	Hotspot	LTE Band 4	20300	1745.0	1RB0	Right	10mm	\	\	21.45	22.70	0.172	0.23	0.092	0.12	0.05
4	DSI1	Hotspot	LTE Band 4	20300	1745.0	50RB50	Right	10mm	\	\	21.28	22.50	0.161	0.21	0.086	0.11	0.12
4	DSI1	Hotspot	LTE Band 4	20300	1745.0	1RB0	Bottom	10mm	\	\	21.45	22.70	0.611	0.81	0.343	0.46	-0.14
4	DSI1	Hotspot	LTE Band 4	20300	1745.0	50RB50	Bottom	10mm	\	\	21.28	22.50	0.616	0.82	0.345	0.46	0.00
4	DSI1	Hotspot	LTE Band 4	20175	1732.5	1RB0	Bottom	10mm	\	\	21.44	22.70	0.536	0.72	0.305	0.41	-0.11
4	DSI1	Hotspot	LTE Band 4	20052	1720.0	1RB0	Bottom	10mm	\	\	21.35	22.70	0.495	0.68	0.281	0.38	0.17
4	DSI1	Hotspot	LTE Band 4	20175	1732.5	50RB50	Bottom	10mm	\	\	21.21	22.50	0.552	0.74	0.312	0.42	0.15
4	DSI1	Hotspot	LTE Band 4	20052	1720.0	50RB50	Bottom	10mm	\	\	21.22	22.50	0.512	0.69	0.291	0.39	0.17
4	DSI1	Hotspot	LTE Band 4	20300	1745.0	100RB	Bottom	10mm	\	\	21.30	22.50	0.551	0.73	0.313	0.41	-0.04
4	DSI3	Hotspot	LTE Band 4	20300	1745.0	1RB0	Front	10mm	\	\	20.11	21.50	0.271	0.37	0.158	0.22	0.19
4	DSI3	Hotspot	LTE Band 4	20300	1745.0	50RB50	Front	10mm	\	\	20.14	21.50	0.260	0.36	0.150	0.21	-0.18
4	DSI3	Hotspot	LTE Band 4	20300	1745.0	1RB0	Rear	10mm	\	\	20.11	21.50	0.326	0.45	0.202	0.28	0.12
4	DSI3	Hotspot	LTE Band 4	20300	1745.0	50RB50	Rear	10mm	\	\	20.14	21.50	0.314	0.43	0.191	0.26	0.07
4	DSI3	Hotspot	LTE Band 4	20300	1745.0	1RB0	Right	10mm	\	\	20.11	21.50	0.150	0.21	0.079	0.11	0.01
4	DSI3	Hotspot	LTE Band 4	20300	1745.0	50RB50	Right	10mm	\	\	20.14	21.50	0.140	0.19	0.074	0.10	-0.07
4	DSI3	Hotspot	LTE Band 4	20300	1745.0	1RB0	Bottom	10mm	\	\	20.11	21.50	0.506	0.70	0.294	0.40	0.10
4	DSI3	Hotspot	LTE Band 4	20300	1745.0	50RB50	Bottom	10mm	\	\	20.14	21.50	0.536	0.73	0.296	0.40	0.16
4	DSI1	Body-Worn	LTE Band 4	20300	1745.0	1RB0	Front	15mm	\	\	21.45	22.70	0.156	0.21	0.098	0.13	-0.12
4	DSI1	Body-Worn	LTE Band 4	20300	1745.0	50RB50	Front	15mm	\	\	21.28	22.50	0.148	0.20	0.093	0.12	-0.13
4	DSI1	Body-Worn	LTE Band 4	20300	1745.0	1RB0	Rear	15mm	\	\	21.45	22.70	0.181	0.24	0.115	0.15	0.15
4	DSI1	Body-Worn	LTE Band 4	20300	1745.0	50RB50	Rear	15mm	\	\	21.28	22.50	0.207	0.27	0.112	0.15	0.05

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	DSI2	Head	LTE Band 4	20175	1732.5	1RB99	Left Cheek	0mm	\	\	19.53	20.50	0.466	0.58	0.234	0.29	-0.08
5	DSI2	Head	LTE Band 4	20175	1732.5	50RB50	Left Cheek	0mm	\	\	19.57	20.50	0.499	0.62	0.240	0.30	-0.09
5	DSI2	Head	LTE Band 4	20175	1732.5	1RB99	Left Tilt	0mm	\	\	19.53	20.50	0.099	0.12	0.057	0.07	0.13
5	DSI2	Head	LTE Band 4	20175	1732.5	50RB50	Left Tilt	0mm	\	\	19.57	20.50	0.090	0.11	0.052	0.06	0.03
5	DSI2	Head	LTE Band 4	20175	1732.5	1RB99	Right Cheek	0mm	\	\	19.53	20.50	0.842	1.05	0.380	0.48	-0.08
5	DSI2	Head	LTE Band 4	20175	1732.5	50RB50	Right Cheek	0mm	\	\	19.57	20.50	0.805	1.00	0.364	0.45	-0.18
5	DSI2	Head	LTE Band 4	20175	1732.5	1RB99	Right Tilt	0mm	\	\	19.53	20.50	0.140	0.18	0.078	0.10	0.14
5	DSI2	Head	LTE Band 4	20175	1732.5	50RB50	Right Tilt	0mm	\	\	19.57	20.50	0.129	0.16	0.071	0.09	0.18
5	DSI2	Head	LTE Band 4	20300	1745.0	1RB99	Right Cheek	0mm	\	\	19.47	20.50	0.806	1.02	0.364	0.46	0.08
5	DSI2	Head	LTE Band 4	20050	1720.0	1RB99	Right Cheek	0mm	\	13	19.50	20.50	0.884	1.11	0.399	0.50	-0.10
5	DSI2	Head	LTE Band 4	20300	1745.0	50RB50	Right Cheek	0mm	\	\	19.53	20.50	0.765	0.96	0.322	0.40	0.11
5	DSI2	Head	LTE Band 4	20050	1720.0	50RB50	Right Cheek	0mm	\	\	19.55	20.50	0.839	1.04	0.375	0.47	-0.07
5	DSI2	Head	LTE Band 4	20300	1745.0	100RB	Right Cheek	0mm	\	\	19.52	20.50	0.797	1.00	0.358	0.45	-0.10
5	DSI4	Head	LTE Band 4	20175	1732.5	1RB99	Left Cheek	0mm	\	\	18.55	19.50	0.335	0.42	0.170	0.21	0.13
5	DSI4	Head	LTE Band 4	20175	1732.5	50RB50	Left Cheek	0mm	\	\	18.53	19.50	0.359	0.45	0.174	0.22	0.19
5	DSI4	Head	LTE Band 4	20175	1732.5	1RB99	Left Tilt	0mm	\	\	18.55	19.50	0.071	0.09	0.041	0.05	0.15
5	DSI4	Head	LTE Band 4	20175	1732.5	50RB50	Left Tilt	0mm	\	\	18.53	19.50	0.065	0.08	0.038	0.05	0.18
5	DSI4	Head	LTE Band 4	20175	1732.5	1RB99	Right Cheek	0mm	\	\	18.55	19.50	0.644	0.80	0.292	0.36	0.03
5	DSI4	Head	LTE Band 4	20175	1732.5	50RB50	Right Cheek	0mm	\	\	18.53	19.50	0.579	0.72	0.265	0.33	-0.12
5	DSI4	Head	LTE Band 4	20300	1745.0	1RB99	Right Tilt	0mm	\	\	18.55	19.50	0.101	0.13	0.057	0.07	-0.09
5	DSI4	Head	LTE Band 4	20175	1732.5	50RB50	Right Tilt	0mm	\	\	18.53	19.50	0.093	0.12	0.052	0.07	-0.11
5	DSI4	Head	LTE Band 4	20300	1745.0	1RB99	Right Cheek	0mm	\	\	18.52	19.50	0.580	0.73	0.265	0.33	0.19
5	DSI4	Head	LTE Band 4	20050	1720.0	1RB99	Right Cheek	0mm	\	\	18.49	19.50	0.632	0.80	0.290	0.37	-0.16
5	DSI4	Head	LTE Band 4	20300	1745.0	100RB	Right Cheek	0mm	\	\	18.53	19.50	0.573	0.72	0.260	0.33	-0.11
5	DSI1	Hotspot	LTE Band 4	20175	1732.5	1RB99	Front	10mm	\	\	20.74	21.70	0.288	0.36	0.150	0.19	-0.02
5	DSI1	Hotspot	LTE Band 4	20175	1732.5	50RB50	Front	10mm	\	\	19.81	20.70	0.238	0.29	0.121	0.15	-0.02
5	DSI1	Hotspot	LTE Band 4	20175	1732.5	1RB99	Rear	10mm	\	\	20.74	21.70	0.436	0.54	0.214	0.27	-0.11
5	DSI1	Hotspot	LTE Band 4	20175	1732.5	50RB50	Rear	10mm	\	\	19.81	20.70	0.332	0.41	0.164	0.20	0.15
5	DSI1	Hotspot	LTE Band 4	20175	1732.5	1RB99	Left	10mm	\	\	20.74	21.70	0.701	0.87	0.334	0.42	0.06
5	DSI1	Hotspot	LTE Band 4	20175	1732.5	50RB50	Left	10mm	\	\	19.81	20.70	0.541	0.66	0.261	0.32	-0.13
5	DSI1	Hotspot	LTE Band 4	20300	1745.0	1RB99	Left	10mm	\	14	20.73	21.70	0.706	0.88	0.349	0.44	-0.01
5	DSI1	Hotspot	LTE Band 4	20050	1720.0	1RB99	Left	10mm	\	\	20.70	21.70	0.648	0.82	0.313	0.39	-0.02
5	DSI1	Hotspot	LTE Band 4	20300	1745.0	100RB	Left	10mm	\	\	19.75	20.70	0.539	0.67	0.258	0.32	0.08
5	DSI3	Hotspot	LTE Band 4	20175	1732.5	1RB99	Front	10mm	\	\	19.76	20.70	0.253	0.31	0.135	0.17	-0.06
5	DSI3	Hotspot	LTE Band 4	20175	1732.5	50RB50	Front	10mm	\	\	19.81	20.70	0.238	0.29	0.121	0.15	-0.02
5	DSI3	Hotspot	LTE Band 4	20175	1732.5	1RB99	Rear	10mm	\	\	19.76	20.70	0.355	0.44	0.187	0.23	0.08
5	DSI3	Hotspot	LTE Band 4	20175	1732.5	50RB50	Rear	10mm	\	\	19.81	20.70	0.332	0.41	0.164	0.20	0.15
5	DSI3	Hotspot	LTE Band 4	20175	1732.5	1RB99	Left	10mm	\	\	19.76	20.70	0.584	0.73	0.295	0.37	-0.02
5	DSI3	Hotspot	LTE Band 4	20175	1732.5	50RB50	Left	10mm	\	\	19.81	20.70	0.541	0.66	0.261	0.32	-0.13
5	DSI1	Body-Worn	LTE Band 4	20175	1732.5	1RB99	Front	15mm	\	\	20.74	21.70	0.137	0.17	0.074	0.09	-0.10
5	DSI1	Body-Worn	LTE Band 4	20175	1732.5	50RB50	Front	15mm	\	\	19.81	20.70	0.107	0.13	0.058	0.07	-0.05
5	DSI1	Body-Worn	LTE Band 4	20175	1732.5	1RB99	Rear	15mm	\	\	20.74	21.70	0.197	0.25	0.111	0.14	0.02
5	DSI1	Body-Worn	LTE Band 4	20175	1732.5	50RB50	Rear	15mm	\	\	19.81	20.70	0.145	0.18	0.082	0.10	0.06

Table 13.8: LTE Band 7 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	LTE Band 7	21350	2560.0	1RB99	Left Cheek	0mm	\	\	16.24	17.30	0.342	0.44	0.183	0.23	0.00
1	DSI2	Head	LTE Band 7	21350	2560.0	50RB25	Left Cheek	0mm	\	\	16.28	17.30	0.332	0.42	0.178	0.23	-0.02
1	DSI2	Head	LTE Band 7	21350	2560.0	1RB99	Left Tilt	0mm	\	\	16.24	17.30	0.316	0.40	0.162	0.21	-0.04
1	DSI2	Head	LTE Band 7	21350	2560.0	50RB25	Left Tilt	0mm	\	\	16.28	17.30	0.329	0.42	0.169	0.21	-0.09
1	DSI2	Head	LTE Band 7	21350	2560.0	1RB99	Right Cheek	0mm	\	\	16.24	17.30	0.747	0.95	0.327	0.42	0.11
1	DSI2	Head	LTE Band 7	21350	2560.0	50RB25	Right Cheek	0mm	\	\	16.28	17.30	0.792	1.00	0.331	0.42	-0.05
1	DSI2	Head	LTE Band 7	21350	2560.0	1RB99	Right Tilt	0mm	\	\	16.24	17.30	0.413	0.53	0.198	0.25	0.01
1	DSI2	Head	LTE Band 7	21350	2560.0	50RB25	Right Tilt	0mm	\	\	16.28	17.30	0.421	0.53	0.199	0.25	-0.09
1	DSI2	Head	LTE Band 7	21100	2535.0	1RB99	Right Cheek	0mm	\	\	16.16	17.30	0.778	1.01	0.338	0.44	0.04
1	DSI2	Head	LTE Band 7	20850	2510.0	1RB99	Right Cheek	0mm	\	\	16.23	17.30	0.737	0.94	0.318	0.41	-0.14
1	DSI2	Head	LTE Band 7	21100	2535.0	50RB25	Right Cheek	0mm	\	\	16.18	17.30	0.786	1.02	0.341	0.44	0.00
1	DSI2	Head	LTE Band 7	20850	2510.0	50RB25	Right Cheek	0mm	\	\	16.24	17.30	0.757	0.97	0.324	0.41	0.14
1	DSI2	Head	LTE Band 7	21350	2560.0	100RB	Right Cheek	0mm	\	15	16.26	17.30	0.795	1.01	0.344	0.44	-0.19
1	DSI2	Head	LTE Band 7	21350	2560.0	ULCA	Right Cheek	0mm	CA_7C	\	16.18	17.30	0.724	0.94	0.310	0.40	-0.08
1	DSI4	Head	LTE Band 7	21350	2560.0	1RB99	Left Cheek	0mm	\	\	15.33	16.30	0.232	0.29	0.127	0.16	0.10
1	DSI4	Head	LTE Band 7	21350	2560.0	50RB25	Left Cheek	0mm	\	\	15.34	16.30	0.226	0.28	0.124	0.15	-0.12
1	DSI4	Head	LTE Band 7	21350	2560.0	1RB99	Left Tilt	0mm	\	\	15.33	16.30	0.215	0.27	0.113	0.14	-0.05
1	DSI4	Head	LTE Band 7	21350	2560.0	50RB25	Left Tilt	0mm	\	\	15.34	16.30	0.223	0.28	0.117	0.15	-0.09
1	DSI4	Head	LTE Band 7	21350	2560.0	1RB99	Right Cheek	0mm	\	\	15.33	16.30	0.507	0.63	0.227	0.28	0.13
1	DSI4	Head	LTE Band 7	21350	2560.0	50RB25	Right Cheek	0mm	\	\	15.34	16.30	0.538	0.67	0.230	0.29	0.04
1	DSI4	Head	LTE Band 7	21350	2560.0	1RB99	Right Tilt	0mm	\	\	15.33	16.30	0.281	0.35	0.138	0.17	0.03
1	DSI4	Head	LTE Band 7	21350	2560.0	50RB25	Right Tilt	0mm	\	\	15.34	16.30	0.286	0.36	0.138	0.17	-0.16
1	DSI1	Hotspot	LTE Band 7	21350	2560.0	1RB99	Front	10mm	\	\	21.74	22.90	0.554	0.72	0.272	0.36	0.18
1	DSI1	Hotspot	LTE Band 7	21350	2560.0	50RB25	Front	10mm	\	\	20.78	21.90	0.428	0.55	0.212	0.27	0.10
1	DSI1	Hotspot	LTE Band 7	21350	2560.0	1RB99	Rear	10mm	\	\	21.74	22.90	0.524	0.68	0.268	0.35	0.03
1	DSI1	Hotspot	LTE Band 7	21350	2560.0	50RB25	Rear	10mm	\	\	20.78	21.90	0.434	0.56	0.217	0.28	-0.17
1	DSI1	Hotspot	LTE Band 7	21350	2560.0	1RB99	Left	10mm	\	16	21.74	22.90	0.721	0.94	0.333	0.43	0.13
1	DSI1	Hotspot	LTE Band 7	21350	2560.0	50RB25	Left	10mm	\	\	20.78	21.90	0.551	0.71	0.250	0.32	-0.15
1	DSI1	Hotspot	LTE Band 7	21350	2560.0	1RB99	Top	10mm	\	\	21.74	22.90	0.392	0.51	0.206	0.27	-0.09
1	DSI1	Hotspot	LTE Band 7	21350	2560.0	50RB25	Top	10mm	\	\	20.78	21.90	0.344	0.45	0.179	0.23	-0.09
1	DSI1	Hotspot	LTE Band 7	21100	2535.0	1RB99	Left	10mm	\	\	21.72	22.90	0.719	0.94	0.339	0.44	0.01
1	DSI1	Hotspot	LTE Band 7	20850	2510.0	1RB99	Left	10mm	\	\	21.73	22.90	0.674	0.88	0.304	0.40	0.13
1	DSI1	Hotspot	LTE Band 7	21350	2560.0	100RB	Left	10mm	\	\	20.77	21.90	0.561	0.73	0.247	0.32	0.04
1	DSI1	Hotspot	LTE Band 7	21350	2560.0	ULCA	Left	10mm	CA_7C	\	21.65	22.90	0.689	0.92	0.315	0.42	-0.02
1	DSI3	Hotspot	LTE Band 7	21350	2560.0	1RB99	Front	10mm	\	\	20.55	21.70	0.385	0.50	0.190	0.25	0.15
1	DSI3	Hotspot	LTE Band 7	21350	2560.0	50RB25	Front	10mm	\	\	20.58	21.70	0.297	0.38	0.148	0.19	0.16
1	DSI3	Hotspot	LTE Band 7	21350	2560.0	1RB99	Rear	10mm	\	\	20.55	21.70	0.364	0.47	0.188	0.24	-0.05
1	DSI3	Hotspot	LTE Band 7	21350	2560.0	50RB25	Rear	10mm	\	\	20.58	21.70	0.302	0.39	0.152	0.20	-0.08
1	DSI3	Hotspot	LTE Band 7	21350	2560.0	1RB99	Left	10mm	\	\	20.55	21.70	0.501	0.65	0.233	0.30	0.11
1	DSI3	Hotspot	LTE Band 7	21350	2560.0	50RB25	Left	10mm	\	\	20.58	21.70	0.383	0.50	0.175	0.23	-0.08
1	DSI3	Hotspot	LTE Band 7	21350	2560.0	1RB99	Top	10mm	\	\	20.55	21.70	0.272	0.35	0.144	0.19	-0.13
1	DSI3	Hotspot	LTE Band 7	21350	2560.0	50RB25	Top	10mm	\	\	20.58	21.70	0.239	0.31	0.125	0.16	0.10
1	DSI1	Body-Worn	LTE Band 7	21350	2560.0	1RB99	Front	15mm	\	\	21.74	22.90	0.264	0.34	0.135	0.18	-0.05
1	DSI1	Body-Worn	LTE Band 7	21350	2560.0	50RB25	Front	15mm	\	\	20.78	21.90	0.217	0.28	0.112	0.14	0.19
1	DSI1	Body-Worn	LTE Band 7	21350	2560.0	1RB99	Rear	15mm	\	\	21.74	22.90	0.320	0.42	0.170	0.22	0.08
1	DSI1	Body-Worn	LTE Band 7	21350	2560.0	50RB25	Rear	15mm	\	\	20.78	21.90	0.222	0.29	0.114	0.15	-0.06
1	DSI1	Body-Worn	LTE Band 7	21350	2560.0	ULCA	Rear	15mm	CA_7C	\	21.65	22.90	0.303	0.40	0.159	0.21	-0.03

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	DSI2	Head	LTE Band 7	21100	2535.0	1RB50	Left Cheek	0mm	\	\	22.15	23.50	0.079	0.11	0.046	0.06	0.07
4	DSI2	Head	LTE Band 7	21100	2535.0	50RB50	Left Cheek	0mm	\	\	21.13	22.50	0.063	0.09	0.036	0.05	-0.04
4	DSI2	Head	LTE Band 7	21100	2535.0	1RB50	Left Tilt	0mm	\	\	22.15	23.50	0.096	0.13	0.047	0.06	-0.11
4	DSI2	Head	LTE Band 7	21100	2535.0	50RB50	Left Tilt	0mm	\	\	21.13	22.50	0.069	0.09	0.035	0.05	0.04
4	DSI2	Head	LTE Band 7	21100	2535.0	1RB50	Right Cheek	0mm	\	\	22.15	23.50	0.071	0.10	0.039	0.05	-0.16
4	DSI2	Head	LTE Band 7	21100	2535.0	50RB50	Right Cheek	0mm	\	\	21.13	22.50	0.062	0.09	0.026	0.04	0.09
4	DSI2	Head	LTE Band 7	21100	2535.0	1RB50	Right Tilt	0mm	\	\	22.15	23.50	0.041	0.06	0.023	0.03	-0.06
4	DSI2	Head	LTE Band 7	21100	2535.0	50RB50	Right Tilt	0mm	\	\	21.13	22.50	0.044	0.06	0.013	0.02	0.06
4	DSI2	Head	LTE Band 7	21100	2535.0	ULCA	Left Tilt	0mm	CA_7C	\	22.06	23.50	0.088	0.12	0.040	0.06	0.09
4	DSI1	Hotspot	LTE Band 7	21100	2535.0	1RB50	Front	10mm	\	\	20.19	21.30	0.261	0.34	0.137	0.18	0.07
4	DSI1	Hotspot	LTE Band 7	21100	2535.0	50RB50	Front	10mm	\	\	20.18	21.30	0.246	0.32	0.133	0.17	0.00
4	DSI1	Hotspot	LTE Band 7	21100	2535.0	1RB50	Rear	10mm	\	\	20.19	21.30	0.335	0.43	0.178	0.23	-0.08
4	DSI1	Hotspot	LTE Band 7	21100	2535.0	50RB50	Rear	10mm	\	\	20.18	21.30	0.331	0.43	0.176	0.23	0.11
4	DSI1	Hotspot	LTE Band 7	21100	2535.0	1RB50	Right	10mm	\	\	20.19	21.30	0.171	0.22	0.081	0.10	-0.05
4	DSI1	Hotspot	LTE Band 7	21100	2535.0	50RB50	Right	10mm	\	\	20.18	21.30	0.163	0.21	0.077	0.10	-0.07
4	DSI1	Hotspot	LTE Band 7	21100	2535.0	1RB50	Bottom	10mm	\	\	20.19	21.30	0.446	0.58	0.225	0.29	0.07
4	DSI1	Hotspot	LTE Band 7	21100	2535.0	50RB50	Bottom	10mm	\	\	20.18	21.30	0.439	0.57	0.218	0.28	-0.05
4	DSI1	Hotspot	LTE Band 7	21100	2535.0	ULCA	Bottom	10mm	CA_7C	\	20.11	21.30	0.423	0.56	0.201	0.26	-0.03
4	DSI1	Body-Worn	LTE Band 7	21100	2535.0	1RB50	Front	15mm	\	\	20.19	21.30	0.153	0.20	0.082	0.11	-0.11
4	DSI1	Body-Worn	LTE Band 7	21100	2535.0	50RB50	Front	15mm	\	\	20.18	21.30	0.154	0.20	0.082	0.11	0.16
4	DSI1	Body-Worn	LTE Band 7	21100	2535.0	1RB50	Rear	15mm	\	\	20.19	21.30	0.177	0.23	0.100	0.13	-0.18
4	DSI1	Body-Worn	LTE Band 7	21100	2535.0	50RB50	Rear	15mm	\	\	20.18	21.30	0.172	0.22	0.098	0.13	-0.06
4	DSI1	Body-Worn	LTE Band 7	21100	2535.0	ULCA	Rear	15mm	CA_7C	\	20.11	21.30	0.160	0.21	0.092	0.12	0.07

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	DSI2	Head	LTE Band 7	20850	2510.0	1RB99	Left Cheek	0mm	\	\	19.02	20.00	0.514	0.64	0.258	0.32	0.16
5	DSI2	Head	LTE Band 7	20850	2510.0	50RB25	Left Cheek	0mm	\	\	19.05	20.00	0.458	0.57	0.231	0.29	-0.11
5	DSI2	Head	LTE Band 7	20850	2510.0	1RB99	Left Tilt	0mm	\	\	19.02	20.00	0.118	0.15	0.061	0.08	0.09
5	DSI2	Head	LTE Band 7	20850	2510.0	50RB25	Left Tilt	0mm	\	\	19.05	20.00	0.108	0.13	0.057	0.07	-0.11
5	DSI2	Head	LTE Band 7	20850	2510.0	1RB99	Right Cheek	0mm	\	\	19.02	20.00	0.746	0.93	0.327	0.41	0.08
5	DSI2	Head	LTE Band 7	20850	2510.0	50RB25	Right Cheek	0mm	\	\	19.05	20.00	0.663	0.83	0.307	0.38	0.06
5	DSI2	Head	LTE Band 7	20850	2510.0	1RB99	Right Tilt	0mm	\	\	19.02	20.00	0.144	0.18	0.079	0.10	0.16
5	DSI2	Head	LTE Band 7	20850	2510.0	50RB25	Right Tilt	0mm	\	\	19.05	20.00	0.128	0.16	0.069	0.09	0.07
5	DSI2	Head	LTE Band 7	21350	2560.0	1RB99	Right Cheek	0mm	\	\	18.95	20.00	0.726	0.92	0.340	0.43	0.02
5	DSI2	Head	LTE Band 7	21100	2535.0	1RB99	Right Cheek	0mm	\	\	19.00	20.00	0.696	0.88	0.326	0.41	0.07
5	DSI2	Head	LTE Band 7	21350	2560.0	50RB25	Right Cheek	0mm	\	\	18.97	20.00	0.686	0.87	0.324	0.41	0.03
5	DSI2	Head	LTE Band 7	21100	2535.0	50RB25	Right Cheek	0mm	\	\	19.03	20.00	0.731	0.91	0.322	0.40	0.04
5	DSI2	Head	LTE Band 7	20850	2510.0	100RB	Right Cheek	0mm	\	\	19.08	20.00	0.642	0.79	0.303	0.37	0.02
5	DSI2	Head	LTE Band 7	20850	2510.0	ULCA	Right Cheek	0mm	CA_7C	\	18.95	20.00	0.712	0.91	0.296	0.38	-0.02
5	DSI4	Head	LTE Band 7	20850	2510.0	1RB99	Left Cheek	0mm	\	\	18.02	19.00	0.426	0.53	0.211	0.26	0.10
5	DSI4	Head	LTE Band 7	20850	2510.0	50RB25	Left Cheek	0mm	\	\	18.02	19.00	0.379	0.47	0.189	0.24	0.18
5	DSI4	Head	LTE Band 7	20850	2510.0	1RB99	Left Tilt	0mm	\	\	18.02	19.00	0.098	0.12	0.050	0.06	0.06
5	DSI4	Head	LTE Band 7	20850	2510.0	50RB25	Left Tilt	0mm	\	\	18.02	19.00	0.090	0.11	0.046	0.06	0.12
5	DSI4	Head	LTE Band 7	20850	2510.0	1RB99	Right Cheek	0mm	\	\	18.02	19.00	0.618	0.77	0.267	0.33	0.10
5	DSI4	Head	LTE Band 7	20850	2510.0	50RB25	Right Cheek	0mm	\	\	18.02	19.00	0.549	0.69	0.251	0.31	0.04
5	DSI4	Head	LTE Band 7	20850	2510.0	1RB99	Right Tilt	0mm	\	\	18.02	19.00	0.119	0.15	0.065	0.08	0.06
5	DSI4	Head	LTE Band 7	20850	2510.0	50RB25	Right Tilt	0mm	\	\	18.02	19.00	0.106	0.13	0.057	0.07	-0.02
5	DSI1	Hotspot	LTE Band 7	20850	2510.0	1RB99	Front	10mm	\	\	20.19	21.20	0.222	0.28	0.113	0.14	0.18
5	DSI1	Hotspot	LTE Band 7	20850	2510.0	50RB25	Front	10mm	\	\	19.25	20.20	0.176	0.22	0.088	0.11	-0.01
5	DSI1	Hotspot	LTE Band 7	20850	2510.0	1RB99	Rear	10mm	\	\	20.19	21.20	0.292	0.37	0.150	0.19	-0.05
5	DSI1	Hotspot	LTE Band 7	20850	2510.0	50RB25	Rear	10mm	\	\	19.25	20.20	0.224	0.28	0.107	0.13	0.07
5	DSI1	Hotspot	LTE Band 7	20850	2510.0	1RB99	Left	10mm	\	\	20.19	21.20	0.309	0.39	0.165	0.21	-0.09
5	DSI1	Hotspot	LTE Band 7	20850	2510.0	50RB25	Left	10mm	\	\	19.25	20.20	0.191	0.24	0.102	0.13	0.15
5	DSI1	Hotspot	LTE Band 7	20850	2510.0	ULCA	Left	10mm	CA_7C	\	20.11	21.20	0.295	0.38	0.153	0.20	0.02
5	DSI1	Body-Worn	LTE Band 7	20850	2510.0	1RB99	Front	15mm	\	\	20.19	21.20	0.129	0.16	0.068	0.09	0.04
5	DSI1	Body-Worn	LTE Band 7	20850	2510.0	50RB25	Front	15mm	\	\	19.25	20.20	0.103	0.13	0.054	0.07	0.02
5	DSI1	Body-Worn	LTE Band 7	20850	2510.0	1RB99	Rear	15mm	\	\	20.19	21.20	0.155	0.20	0.080	0.10	0.06
5	DSI1	Body-Worn	LTE Band 7	20850	2510.0	50RB25	Rear	15mm	\	\	19.25	20.20	0.113	0.14	0.059	0.07	0.13
5	DSI1	Body-Worn	LTE Band 7	20850	2510.0	ULCA	Rear	15mm	CA_7C	\	20.11	21.20	0.140	0.18	0.068	0.09	0.07

Table 13.9: LTE Band 12 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	LTE Band 12	23095	897.5	1RB24	Left Cheek	0mm	\	\	23.02	24.30	0.292	0.39	0.185	0.25	0.08
1	DSI2	Head	LTE Band 12	23130	711.0	25RB25	Left Cheek	0mm	\	\	22.09	23.30	0.219	0.29	0.139	0.18	0.04
1	DSI2	Head	LTE Band 12	23095	897.5	1RB24	Left Tilt	0mm	\	\	23.02	24.30	0.203	0.27	0.122	0.16	0.16
1	DSI2	Head	LTE Band 12	23130	711.0	25RB25	Left Tilt	0mm	\	\	22.09	23.30	0.141	0.19	0.085	0.11	0.05
1	DSI2	Head	LTE Band 12	23095	897.5	1RB24	Right Cheek	0mm	\	17	23.02	24.30	0.446	0.60	0.237	0.32	0.06
1	DSI2	Head	LTE Band 12	23130	711.0	25RB25	Right Cheek	0mm	\	\	22.09	23.30	0.299	0.40	0.158	0.21	0.02
1	DSI2	Head	LTE Band 12	23095	897.5	1RB24	Right Tilt	0mm	\	\	23.02	24.30	0.372	0.50	0.202	0.27	0.03
1	DSI2	Head	LTE Band 12	23130	711.0	25RB25	Right Tilt	0mm	\	\	22.09	23.30	0.254	0.34	0.136	0.18	-0.16
1	DSI1	Hotspot	LTE Band 12	23095	897.5	1RB24	Front	10mm	\	\	23.02	24.30	0.100	0.13	0.059	0.08	0.15
1	DSI1	Hotspot	LTE Band 12	23130	711.0	25RB25	Front	10mm	\	\	22.09	23.30	0.075	0.10	0.044	0.06	0.02
1	DSI1	Hotspot	LTE Band 12	23095	897.5	1RB24	Rear	10mm	\	\	23.02	24.30	0.153	0.21	0.087	0.12	0.08
1	DSI1	Hotspot	LTE Band 12	23130	711.0	25RB25	Rear	10mm	\	\	22.09	23.30	0.116	0.15	0.066	0.09	-0.04
1	DSI1	Hotspot	LTE Band 12	23095	897.5	1RB24	Left	10mm	\	\	23.02	24.30	0.144	0.19	0.092	0.12	0.14
1	DSI1	Hotspot	LTE Band 12	23130	711.0	25RB25	Left	10mm	\	\	22.09	23.30	0.109	0.14	0.060	0.08	0.01
1	DSI1	Hotspot	LTE Band 12	23095	897.5	1RB24	Top	10mm	\	\	23.02	24.30	0.088	0.12	0.044	0.06	0.05
1	DSI1	Hotspot	LTE Band 12	23130	711.0	25RB25	Top	10mm	\	\	22.09	23.30	0.081	0.11	0.039	0.05	-0.09
1	DSI1	Body-Worn	LTE Band 12	23095	897.5	1RB24	Front	15mm	\	\	23.02	24.30	0.074	0.10	0.047	0.06	-0.07
1	DSI1	Body-Worn	LTE Band 12	23130	711.0	25RB25	Front	15mm	\	\	22.09	23.30	0.056	0.07	0.036	0.05	-0.02
1	DSI1	Body-Worn	LTE Band 12	23095	897.5	1RB24	Rear	15mm	\	\	23.02	24.30	0.082	0.11	0.052	0.07	0.19
1	DSI1	Body-Worn	LTE Band 12	23130	711.0	25RB25	Rear	15mm	\	\	22.09	23.30	0.061	0.08	0.039	0.05	0.13

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	DSI2	Head	LTE Band 12	23130	711.0	1RB24	Left Cheek	0mm	\	\	23.34	24.50	0.081	0.11	0.059	0.08	-0.01
0	DSI2	Head	LTE Band 12	23130	711.0	25RB25	Left Cheek	0mm	\	\	22.41	23.50	0.067	0.09	0.050	0.06	-0.10
0	DSI2	Head	LTE Band 12	23130	711.0	1RB24	Left Tilt	0mm	\	\	23.34	24.50	0.056	0.07	0.041	0.05	-0.02
0	DSI2	Head	LTE Band 12	23130	711.0	25RB25	Left Tilt	0mm	\	\	22.41	23.50	0.051	0.07	0.035	0.05	-0.07
0	DSI2	Head	LTE Band 12	23130	711.0	1RB24	Right Cheek	0mm	\	\	23.34	24.50	0.069	0.09	0.049	0.06	-0.19
0	DSI2	Head	LTE Band 12	23130	711.0	25RB25	Right Cheek	0mm	\	\	22.41	23.50	0.057	0.07	0.040	0.05	-0.10
0	DSI2	Head	LTE Band 12	23130	711.0	1RB24	Right Tilt	0mm	\	\	23.34	24.50	<0.01	<0.01	<0.01	<0.01	\
0	DSI2	Head	LTE Band 12	23130	711.0	25RB25	Right Tilt	0mm	\	\	22.41	23.50	<0.01	<0.01	<0.01	<0.01	\
0	DSI1	Hotspot	LTE Band 12	23130	711.0	1RB24	Front	10mm	\	\	23.34	24.50	0.106	0.14	0.076	0.10	0.17
0	DSI1	Hotspot	LTE Band 12	23130	711.0	25RB25	Front	10mm	\	\	22.41	23.50	0.087	0.11	0.063	0.08	-0.15
0	DSI1	Hotspot	LTE Band 12	23130	711.0	1RB24	Rear	10mm	\	\	23.34	24.50	0.139	0.18	0.088	0.11	-0.01
0	DSI1	Hotspot	LTE Band 12	23130	711.0	25RB25	Rear	10mm	\	\	22.41	23.50	0.111	0.14	0.073	0.09	0.14
0	DSI1	Hotspot	LTE Band 12	23130	711.0	1RB24	Left	10mm	\	18	23.34	24.50	0.184	0.24	0.127	0.17	0.05
0	DSI1	Hotspot	LTE Band 12	23130	711.0	25RB25	Left	10mm	\	\	22.41	23.50	0.119	0.15	0.081	0.10	0.05
0	DSI1	Hotspot	LTE Band 12	23130	711.0	1RB24	Bottom	10mm	\	\	23.34	24.50	0.099	0.13	0.054	0.07	0.12
0	DSI1	Hotspot	LTE Band 12	23130	711.0	25RB25	Bottom	10mm	\	\	22.41	23.50	0.076	0.10	0.044	0.06	0.04
0	DSI1	Body-Worn	LTE Band 12	23130	711.0	1RB24	Front	15mm	\	\	23.34	24.50	0.112	0.15	0.080	0.10	-0.09
0	DSI1	Body-Worn	LTE Band 12	23130	711.0	25RB25	Front	15mm	\	\	22.41	23.50	0.091	0.12	0.066	0.08	-0.12
0	DSI1	Body-Worn	LTE Band 12	23130	711.0	1RB24	Rear	15mm	\	\	23.34	24.50	0.152	0.20	0.116	0.15	-0.19
0	DSI1	Body-Worn	LTE Band 12	23130	711.0	25RB25	Rear	15mm	\	\	22.41	23.50	0.103	0.13	0.076	0.10	-0.12

Note: SAR for LTE Band 17 is covered by LTE Band 12 due to similar frequency range, same maximum tune-up limit and same channel bandwidth.

Table 13.10: LTE Band 13 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	LTE Band 13	23230	782.0	1RB24	Left Cheek	0mm	\	\	23.11	24.30	0.418	0.55	0.270	0.36	0.07
1	DSI2	Head	LTE Band 13	23230	782.0	25RB12	Left Cheek	0mm	\	\	22.18	23.30	0.326	0.42	0.210	0.27	0.15
1	DSI2	Head	LTE Band 13	23230	782.0	1RB24	Left Tilt	0mm	\	\	23.11	24.30	0.283	0.37	0.172	0.23	0.01
1	DSI2	Head	LTE Band 13	23230	782.0	25RB12	Left Tilt	0mm	\	\	22.18	23.30	0.223	0.29	0.134	0.17	-0.01
1	DSI2	Head	LTE Band 13	23230	782.0	1RB24	Right Cheek	0mm	\	19	23.11	24.30	0.566	0.74	0.317	0.42	0.16
1	DSI2	Head	LTE Band 13	23230	782.0	25RB12	Right Cheek	0mm	\	\	22.18	23.30	0.468	0.61	0.257	0.33	-0.07
1	DSI2	Head	LTE Band 13	23230	782.0	1RB24	Right Tilt	0mm	\	\	23.11	24.30	0.465	0.61	0.254	0.33	0.10
1	DSI2	Head	LTE Band 13	23230	782.0	25RB12	Right Tilt	0mm	\	\	22.18	23.30	0.363	0.47	0.198	0.26	-0.07
1	DSI1	Hotspot	LTE Band 13	23230	782.0	1RB24	Front	10mm	\	\	23.11	24.30	0.140	0.18	0.085	0.11	-0.09
1	DSI1	Hotspot	LTE Band 13	23230	782.0	25RB12	Front	10mm	\	\	22.18	23.30	0.107	0.14	0.065	0.08	0.03
1	DSI1	Hotspot	LTE Band 13	23230	782.0	1RB24	Rear	10mm	\	\	23.11	24.30	0.222	0.29	0.127	0.17	-0.01
1	DSI1	Hotspot	LTE Band 13	23230	782.0	25RB12	Rear	10mm	\	\	22.18	23.30	0.171	0.22	0.098	0.13	0.07
1	DSI1	Hotspot	LTE Band 13	23230	782.0	1RB24	Left	10mm	\	\	23.11	24.30	0.214	0.28	0.138	0.18	-0.18
1	DSI1	Hotspot	LTE Band 13	23230	782.0	25RB12	Left	10mm	\	\	22.18	23.30	0.168	0.22	0.108	0.14	0.04
1	DSI1	Hotspot	LTE Band 13	23230	782.0	1RB24	Top	10mm	\	\	23.11	24.30	0.158	0.21	0.083	0.11	0.13
1	DSI1	Hotspot	LTE Band 13	23230	782.0	25RB12	Top	10mm	\	\	22.18	23.30	0.122	0.16	0.064	0.08	0.09
1	DSI1	Body-Worn	LTE Band 13	23230	782.0	1RB24	Front	15mm	\	\	23.11	24.30	0.123	0.16	0.095	0.12	0.07
1	DSI1	Body-Worn	LTE Band 13	23230	782.0	25RB12	Front	15mm	\	\	22.18	23.30	0.096	0.12	0.073	0.09	-0.14
1	DSI1	Body-Worn	LTE Band 13	23230	782.0	1RB24	Rear	15mm	\	\	23.11	24.30	0.134	0.18	0.103	0.14	-0.04
1	DSI1	Body-Worn	LTE Band 13	23230	782.0	25RB12	Rear	15mm	\	\	22.18	23.30	0.103	0.13	0.079	0.10	0.09

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	DSI2	Head	LTE Band 13	23230	782.0	1RB24	Left Cheek	0mm	\	\	23.38	24.50	0.102	0.13	0.075	0.10	-0.18
0	DSI2	Head	LTE Band 13	23230	782.0	25RB25	Left Cheek	0mm	\	\	22.39	23.50	0.068	0.09	0.049	0.06	-0.15
0	DSI2	Head	LTE Band 13	23230	782.0	1RB24	Left Tilt	0mm	\	\	23.38	24.50	0.069	0.09	0.052	0.07	0.00
0	DSI2	Head	LTE Band 13	23230	782.0	25RB25	Left Tilt	0mm	\	\	22.39	23.50	0.055	0.07	0.040	0.05	-0.02
0	DSI2	Head	LTE Band 13	23230	782.0	1RB24	Right Cheek	0mm	\	\	23.38	24.50	0.089	0.11	0.063	0.08	0.03
0	DSI2	Head	LTE Band 13	23230	782.0	25RB25	Right Cheek	0mm	\	\	22.39	23.50	0.073	0.09	0.051	0.07	-0.08
0	DSI2	Head	LTE Band 13	23230	782.0	1RB24	Right Tilt	0mm	\	\	23.38	24.50	0.058	0.07	0.042	0.05	-0.17
0	DSI2	Head	LTE Band 13	23230	782.0	25RB25	Right Tilt	0mm	\	\	22.39	23.50	0.046	0.06	0.034	0.04	0.01
0	DSI1	Hotspot	LTE Band 13	23230	782.0	1RB24	Front	10mm	\	\	23.38	24.50	0.122	0.16	0.089	0.11	-0.11
0	DSI1	Hotspot	LTE Band 13	23230	782.0	25RB25	Front	10mm	\	\	22.39	23.50	0.099	0.13	0.071	0.09	-0.04
0	DSI1	Hotspot	LTE Band 13	23230	782.0	1RB24	Rear	10mm	\	\	23.38	24.50	0.146	0.19	0.095	0.12	-0.01
0	DSI1	Hotspot	LTE Band 13	23230	782.0	25RB25	Rear	10mm	\	\	22.39	23.50	0.119	0.15	0.075	0.10	-0.05
0	DSI1	Hotspot	LTE Band 13	23230	782.0	1RB24	Left	10mm	\	20	23.38	24.50	0.248	0.32	0.170	0.22	0.06
0	DSI1	Hotspot	LTE Band 13	23230	782.0	25RB25	Left	10mm	\	\	22.39	23.50	0.159	0.21	0.104	0.13	0.07
0	DSI1	Hotspot	LTE Band 13	23230	782.0	1RB24	Bottom	10mm	\	\	23.38	24.50	0.136	0.18	0.074	0.10	0.09
0	DSI1	Hotspot	LTE Band 13	23230	782.0	25RB25	Bottom	10mm	\	\	22.39	23.50	0.096	0.12	0.055	0.07	0.10
0	DSI1	Body-Worn	LTE Band 13	23230	782.0	1RB24	Front	15mm	\	\	23.38	24.50	0.129	0.17	0.094	0.12	-0.02
0	DSI1	Body-Worn	LTE Band 13	23230	782.0	25RB25	Front	15mm	\	\	22.39	23.50	0.103	0.13	0.074	0.10	0.18
0	DSI1	Body-Worn	LTE Band 13	23230	782.0	1RB24	Rear	15mm	\	\	23.38	24.50	0.162	0.21	0.123	0.16	0.09
0	DSI1	Body-Worn	LTE Band 13	23230	782.0	25RB25	Rear	15mm	\	\	22.39	23.50	0.108	0.14	0.078	0.10	0.11

Table 13.11: LTE Band 26 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	LTE Band 26	26765	821.5	1RB74	Left Cheek	0mm	\	\	23.11	24.30	0.498	0.65	0.323	0.42	-0.16
1	DSI2	Head	LTE Band 26	26765	821.5	36RB19	Left Cheek	0mm	\	\	22.23	23.30	0.368	0.47	0.239	0.31	-0.09
1	DSI2	Head	LTE Band 26	26765	821.5	1RB74	Left Tilt	0mm	\	\	23.11	24.30	0.383	0.50	0.229	0.30	-0.11
1	DSI2	Head	LTE Band 26	26765	821.5	36RB19	Left Tilt	0mm	\	\	22.23	23.30	0.287	0.37	0.173	0.22	-0.09
1	DSI2	Head	LTE Band 26	26765	821.5	1RB74	Right Cheek	0mm	\	\	23.11	24.30	0.749	0.99	0.447	0.59	0.18
1	DSI2	Head	LTE Band 26	26765	821.5	36RB19	Right Cheek	0mm	\	\	22.23	23.30	0.586	0.75	0.349	0.45	0.07
1	DSI2	Head	LTE Band 26	26765	821.5	1RB74	Right Tilt	0mm	\	\	23.11	24.30	0.587	0.77	0.319	0.42	-0.07
1	DSI2	Head	LTE Band 26	26765	821.5	36RB19	Right Tilt	0mm	\	\	22.23	23.30	0.439	0.56	0.239	0.31	0.05
1	DSI2	Head	LTE Band 26	26956	841.5	1RB74	Right Cheek	0mm	\	\	23.02	24.30	0.788	1.06	0.469	0.63	-0.03
1	DSI2	Head	LTE Band 26	26865	831.5	1RB74	Right Cheek	0mm	\	21	23.05	24.30	0.854	1.14	0.503	0.67	-0.04
1	DSI2	Head	LTE Band 26	26765	821.5	75RB0	Right Cheek	0mm	\	\	22.17	23.30	0.592	0.77	0.351	0.46	0.12
1	DSI2	Head	LTE Band 26	26865	831.5	1RB74	Right Cheek	0mm	SIM2	\	23.05	24.30	0.840	1.12	0.492	0.66	0.05
1	DSI1	Hotspot	LTE Band 26	26765	821.5	1RB74	Front	10mm	\	\	23.11	24.30	0.174	0.23	0.075	0.10	-0.10
1	DSI1	Hotspot	LTE Band 26	26765	821.5	36RB19	Front	10mm	\	\	22.23	23.30	0.122	0.16	0.106	0.14	0.11
1	DSI1	Hotspot	LTE Band 26	26765	821.5	1RB74	Rear	10mm	\	22	23.11	24.30	0.270	0.36	0.158	0.21	-0.13
1	DSI1	Hotspot	LTE Band 26	26765	821.5	36RB19	Rear	10mm	\	\	22.23	23.30	0.207	0.26	0.123	0.16	0.18
1	DSI1	Hotspot	LTE Band 26	26765	821.5	1RB74	Left	10mm	\	\	23.11	24.30	0.162	0.21	0.107	0.14	-0.08
1	DSI1	Hotspot	LTE Band 26	26765	821.5	36RB19	Left	10mm	\	\	22.23	23.30	0.126	0.16	0.084	0.11	-0.14
1	DSI1	Hotspot	LTE Band 26	26765	821.5	1RB74	Top	10mm	\	\	23.11	24.30	0.196	0.26	0.107	0.14	0.14
1	DSI1	Hotspot	LTE Band 26	26765	821.5	36RB19	Top	10mm	\	\	22.23	23.30	0.140	0.18	0.078	0.10	0.01
1	DSI1	Body-Worn	LTE Band 26	26765	821.5	1RB74	Front	15mm	\	\	23.11	24.30	0.112	0.15	0.081	0.11	0.02
1	DSI1	Body-Worn	LTE Band 26	26765	821.5	36RB19	Front	15mm	\	\	22.23	23.30	0.080	0.10	0.059	0.08	-0.02
1	DSI1	Body-Worn	LTE Band 26	26765	821.5	1RB74	Rear	15mm	\	\	23.11	24.30	0.130	0.17	0.080	0.11	0.05
1	DSI1	Body-Worn	LTE Band 26	26765	821.5	36RB19	Rear	15mm	\	\	22.23	23.30	0.098	0.13	0.059	0.08	0.10

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	DSI2	Head	LTE Band 26	26865	831.5	1RB37	Left Cheek	0mm	\	\	23.33	24.50	0.107	0.14	0.078	0.10	0.15
0	DSI2	Head	LTE Band 26	26765	821.5	36RB38	Left Cheek	0mm	\	\	22.45	23.50	0.084	0.11	0.061	0.08	-0.04
0	DSI2	Head	LTE Band 26	26865	831.5	1RB37	Left Tilt	0mm	\	\	23.33	24.50	0.066	0.09	0.049	0.06	-0.14
0	DSI2	Head	LTE Band 26	26765	821.5	36RB38	Left Tilt	0mm	\	\	22.45	23.50	0.053	0.07	0.039	0.05	0.11
0	DSI2	Head	LTE Band 26	26865	831.5	1RB37	Right Cheek	0mm	\	\	23.33	24.50	0.086	0.11	0.061	0.08	-0.13
0	DSI2	Head	LTE Band 26	26765	821.5	36RB38	Right Cheek	0mm	\	\	22.45	23.50	0.068	0.09	0.048	0.06	0.01
0	DSI2	Head	LTE Band 26	26865	831.5	1RB37	Right Tilt	0mm	\	\	23.33	24.50	0.049	0.06	0.036	0.05	-0.09
0	DSI2	Head	LTE Band 26	26765	821.5	36RB38	Right Tilt	0mm	\	\	22.45	23.50	0.045	0.06	0.032	0.04	-0.03
0	DSI1	Hotspot	LTE Band 26	26865	831.5	1RB37	Front	10mm	\	\	23.33	24.50	0.127	0.17	0.082	0.11	0.14
0	DSI1	Hotspot	LTE Band 26	26765	821.5	36RB38	Front	10mm	\	\	22.45	23.50	0.096	0.12	0.061	0.08	0.09
0	DSI1	Hotspot	LTE Band 26	26865	831.5	1RB37	Rear	10mm	\	\	23.33	24.50	0.178	0.23	0.106	0.14	0.05
0	DSI1	Hotspot	LTE Band 26	26765	821.5	36RB38	Rear	10mm	\	\	22.45	23.50	0.137	0.17	0.082	0.10	-0.11
0	DSI1	Hotspot	LTE Band 26	26865	831.5	1RB37	Left	10mm	\	\	23.33	24.50	0.117	0.15	0.076	0.10	-0.14
0	DSI1	Hotspot	LTE Band 26	26765	821.5	36RB38	Left	10mm	\	\	22.45	23.50	0.079	0.10	0.053	0.07	0.16
0	DSI1	Hotspot	LTE Band 26	26865	831.5	1RB37	Bottom	10mm	\	\	23.33	24.50	0.140	0.18	0.080	0.11	-0.09
0	DSI1	Hotspot	LTE Band 26	26765	821.5	36RB38	Bottom	10mm	\	\	22.45	23.50	0.109	0.14	0.063	0.08	-0.14
0	DSI1	Body-Worn	LTE Band 26	26865	831.5	1RB37	Front	15mm	\	\	23.33	24.50	0.089	0.12	0.062	0.08	0.13
0	DSI1	Body-Worn	LTE Band 26	26765	821.5	36RB38	Front	15mm	\	\	22.45	23.50	0.067	0.08	0.047	0.06	-0.04
0	DSI1	Body-Worn	LTE Band 26	26865	831.5	1RB37	Rear	15mm	\	\	23.33	24.50	0.099	0.13	0.075	0.10	-0.01
0	DSI1	Body-Worn	LTE Band 26	26765	821.5	36RB38	Rear	15mm	\	\	22.45	23.50	0.073	0.09	0.052	0.07	-0.19

Note: SAR for LTE Band 5 is covered by LTE Band 26 due to similar frequency range, same maximum tune-up limit and same channel bandwidth.

Table 13.12: LTE Band 38 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	LTE Band 38	38150	2610.0	1RB50	Left Cheek	0mm	\	\	18.78	19.80	0.385	0.49	0.205	0.26	-0.12
1	DSI2	Head	LTE Band 38	38150	2610.0	50RB25	Left Cheek	0mm	\	\	18.81	19.80	0.391	0.49	0.207	0.26	0.03
1	DSI2	Head	LTE Band 38	38150	2610.0	1RB50	Left Tilt	0mm	\	\	18.78	19.80	0.380	0.48	0.190	0.24	0.19
1	DSI2	Head	LTE Band 38	38150	2610.0	50RB25	Left Tilt	0mm	\	\	18.81	19.80	0.390	0.49	0.196	0.25	0.17
1	DSI2	Head	LTE Band 38	38150	2610.0	1RB50	Right Cheek	0mm	\	\	18.78	19.80	0.778	0.98	0.325	0.41	0.14
1	DSI2	Head	LTE Band 38	38150	2610.0	50RB25	Right Cheek	0mm	\	\	18.81	19.80	0.801	1.01	0.332	0.42	-0.07
1	DSI2	Head	LTE Band 38	38150	2610.0	1RB50	Right Tilt	0mm	\	\	18.78	19.80	0.466	0.59	0.249	0.31	0.03
1	DSI2	Head	LTE Band 38	38150	2610.0	50RB25	Right Tilt	0mm	\	\	18.81	19.80	0.472	0.59	0.251	0.32	-0.08
1	DSI2	Head	LTE Band 38	38000	2595.0	1RB50	Right Cheek	0mm	\	\	18.77	19.80	0.819	1.04	0.185	0.23	0.07
1	DSI2	Head	LTE Band 38	37850	2580.0	1RB50	Right Cheek	0mm	\	\	18.70	19.80	0.833	1.07	0.294	0.38	-0.16
1	DSI2	Head	LTE Band 38	38000	2595.0	50RB25	Right Cheek	0mm	\	\	18.80	19.80	0.850	1.07	0.357	0.45	0.01
1	DSI2	Head	LTE Band 38	37850	2580.0	50RB25	Right Cheek	0mm	\	23	18.74	19.80	0.867	1.11	0.363	0.46	-0.17
1	DSI2	Head	LTE Band 38	38150	2610.0	100RB	Right Cheek	0mm	\	\	18.79	19.80	0.819	1.03	0.355	0.45	0.03
1	DSI2	Head	LTE Band 38	38150	2610.0	ULCA	Right Cheek	0mm	CA_38C	\	18.71	19.80	0.752	0.97	0.314	0.40	0.10
1	DSI4	Head	LTE Band 38	38150	2610.0	1RB50	Left Cheek	0mm	\	\	18.05	18.80	0.325	0.39	0.181	0.22	0.02
1	DSI4	Head	LTE Band 38	38150	2610.0	50RB25	Left Cheek	0mm	\	\	18.13	18.80	0.332	0.39	0.182	0.21	0.00
1	DSI4	Head	LTE Band 38	38150	2610.0	1RB50	Left Tilt	0mm	\	\	18.05	18.80	0.324	0.39	0.167	0.20	-0.03
1	DSI4	Head	LTE Band 38	38150	2610.0	50RB25	Left Tilt	0mm	\	\	18.13	18.80	0.329	0.38	0.172	0.20	0.17
1	DSI4	Head	LTE Band 38	38150	2610.0	1RB50	Right Cheek	0mm	\	\	18.05	18.80	0.656	0.78	0.296	0.34	0.14
1	DSI4	Head	LTE Band 38	38150	2610.0	50RB25	Right Cheek	0mm	\	\	18.13	18.80	0.681	0.79	0.300	0.35	-0.01
1	DSI4	Head	LTE Band 38	38150	2610.0	1RB50	Right Tilt	0mm	\	\	18.05	18.80	0.393	0.47	0.219	0.26	0.08
1	DSI4	Head	LTE Band 38	38150	2610.0	50RB25	Right Tilt	0mm	\	\	18.13	18.80	0.398	0.46	0.221	0.26	0.08
1	DSI1	Hotspot	LTE Band 38	38150	2610.0	1RB50	Front	10mm	\	\	21.84	22.60	0.293	0.35	0.138	0.16	-0.18
1	DSI1	Hotspot	LTE Band 38	38150	2610.0	50RB25	Front	10mm	\	\	21.49	22.40	0.265	0.33	0.126	0.16	0.18
1	DSI1	Hotspot	LTE Band 38	38150	2610.0	1RB50	Rear	10mm	\	\	21.84	22.60	0.283	0.34	0.154	0.18	-0.08
1	DSI1	Hotspot	LTE Band 38	38150	2610.0	50RB25	Rear	10mm	\	\	21.49	22.40	0.256	0.32	0.140	0.17	-0.05
1	DSI1	Hotspot	LTE Band 38	38150	2610.0	1RB50	Left	10mm	\	\	21.84	22.60	0.338	0.40	0.155	0.18	0.12
1	DSI1	Hotspot	LTE Band 38	38150	2610.0	50RB25	Left	10mm	\	\	21.49	22.40	0.318	0.39	0.144	0.18	-0.05
1	DSI1	Hotspot	LTE Band 38	38150	2610.0	1RB50	Top	10mm	\	\	21.84	22.60	0.300	0.36	0.139	0.17	0.14
1	DSI1	Hotspot	LTE Band 38	38150	2610.0	50RB25	Top	10mm	\	\	21.49	22.40	0.273	0.34	0.129	0.16	0.09
1	DSI1	Hotspot	LTE Band 38	38150	2610.0	ULCA	Left	10mm	CA_38C	\	21.77	22.60	0.321	0.39	0.147	0.18	-0.06
1	DSI1	Body-Worn	LTE Band 38	38150	2610.0	1RB50	Front	15mm	\	\	21.84	22.60	0.129	0.15	0.065	0.08	-0.09
1	DSI1	Body-Worn	LTE Band 38	38150	2610.0	50RB25	Front	15mm	\	\	21.49	22.40	0.123	0.15	0.061	0.08	0.02
1	DSI1	Body-Worn	LTE Band 38	38150	2610.0	1RB50	Rear	15mm	\	\	21.84	22.60	0.170	0.20	0.097	0.12	-0.14
1	DSI1	Body-Worn	LTE Band 38	38150	2610.0	50RB25	Rear	15mm	\	\	21.49	22.40	0.147	0.18	0.079	0.10	0.03
1	DSI1	Body-Worn	LTE Band 38	38150	2610.0	ULCA	Rear	15mm	CA_38C	\	21.77	22.60	0.154	0.19	0.082	0.10	0.10

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	DSI2	Head	LTE Band 38	38000	2595.0	1RB50	Left Cheek	0mm	\	\	22.83	24.00	0.069	0.09	0.036	0.05	0.01
4	DSI2	Head	LTE Band 38	38000	2595.0	50RB50	Left Cheek	0mm	\	\	21.93	23.00	0.050	0.06	0.026	0.03	-0.16
4	DSI2	Head	LTE Band 38	38000	2595.0	1RB50	Left Tilt	0mm	\	\	22.83	24.00	0.058	0.08	0.029	0.04	-0.05
4	DSI2	Head	LTE Band 38	38000	2595.0	50RB50	Left Tilt	0mm	\	\	21.93	23.00	0.049	0.06	0.026	0.03	0.17
4	DSI2	Head	LTE Band 38	38000	2595.0	1RB50	Right Cheek	0mm	\	\	22.83	24.00	0.065	0.08	0.035	0.05	-0.10
4	DSI2	Head	LTE Band 38	38000	2595.0	50RB50	Right Cheek	0mm	\	\	21.93	23.00	0.055	0.07	0.028	0.04	0.11
4	DSI2	Head	LTE Band 38	38000	2595.0	1RB50	Right Tilt	0mm	\	\	22.83	24.00	<0.01	<0.01	<0.01	<0.01	\
4	DSI2	Head	LTE Band 38	38000	2595.0	50RB50	Right Tilt	0mm	\	\	21.93	23.00	<0.01	<0.01	<0.01	<0.01	\
4	DSI2	Head	LTE Band 38	38000	2595.0	ULCA	Left Cheek	0mm	CA_38C	\	22.72	24.00	0.061	0.08	0.033	0.04	0.08
4	DSI1	Hotspot	LTE Band 38	38000	2595.0	1RB50	Front	10mm	\	\	22.08	23.00	0.248	0.31	0.133	0.16	0.08
4	DSI1	Hotspot	LTE Band 38	38000	2595.0	50RB50	Front	10mm	\	\	21.98	23.00	0.247	0.31	0.128	0.16	0.11
4	DSI1	Hotspot	LTE Band 38	38000	2595.0	1RB50	Rear	10mm	\	\	22.08	23.00	0.311	0.38	0.166	0.21	-0.06
4	DSI1	Hotspot	LTE Band 38	38000	2595.0	50RB50	Rear	10mm	\	\	21.98	23.00	0.312	0.39	0.165	0.21	-0.07
4	DSI1	Hotspot	LTE Band 38	38000	2595.0	1RB50	Right	10mm	\	\	22.08	23.00	0.113	0.14	0.055	0.07	-0.05
4	DSI1	Hotspot	LTE Band 38	38000	2595.0	50RB50	Right	10mm	\	\	21.98	23.00	0.114	0.14	0.052	0.07	-0.13
4	DSI1	Hotspot	LTE Band 38	38000	2595.0	1RB50	Bottom	10mm	\	24	22.08	23.00	0.463	0.57	0.235	0.29	0.09
4	DSI1	Hotspot	LTE Band 38	38000	2595.0	50RB50	Bottom	10mm	\	\	21.98	23.00	0.433	0.55	0.218	0.28	0.03
4	DSI1	Hotspot	LTE Band 38	38000	2595.0	ULCA	Bottom	10mm	CA_38C	\	22.00	23.00	0.435	0.55	0.207	0.26	-0.06
4	DSI1	Body-Worn	LTE Band 38	38000	2595.0	1RB50	Front	15mm	\	\	22.08	23.00	0.132	0.16	0.074	0.09	0.13
4	DSI1	Body-Worn	LTE Band 38	38000	2595.0	50RB50	Front	15mm	\	\	21.98	23.00	0.131	0.17	0.073	0.09	-0.04
4	DSI1	Body-Worn	LTE Band 38	38000	2595.0	1RB50	Rear	15mm	\	\	22.08	23.00	0.172	0.21	0.097	0.12	-0.02
4	DSI1	Body-Worn	LTE Band 38	38000	2595.0	50RB50	Rear	15mm	\	\	21.98	23.00	0.163	0.21	0.092	0.12	-0.01
4	DSI1	Body-Worn	LTE Band 38	38000	2595.0	ULCA	Rear	15mm	CA_38C	\	22.00	23.00	0.154	0.19	0.086	0.11	0.05



ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	DSI2	Head	LTE Band 38	38000	2595.0	1RB50	Left Cheek	0mm	\	\	19.23	20.20	0.369	0.46	0.215	0.27	-0.14
5	DSI2	Head	LTE Band 38	38000	2595.0	50RB50	Left Cheek	0mm	\	\	19.25	20.20	0.339	0.42	0.188	0.23	-0.08
5	DSI2	Head	LTE Band 38	38000	2595.0	1RB50	Left Tilt	0mm	\	\	19.23	20.20	0.082	0.10	0.050	0.06	-0.18
5	DSI2	Head	LTE Band 38	38000	2595.0	50RB50	Left Tilt	0mm	\	\	19.25	20.20	0.066	0.08	0.040	0.05	0.00
5	DSI2	Head	LTE Band 38	38000	2595.0	1RB50	Right Cheek	0mm	\	\	19.23	20.20	0.844	1.06	0.383	0.48	0.13
5	DSI2	Head	LTE Band 38	38000	2595.0	50RB50	Right Cheek	0mm	\	\	19.25	20.20	0.768	0.96	0.347	0.43	-0.19
5	DSI2	Head	LTE Band 38	38000	2595.0	1RB50	Right Tilt	0mm	\	\	19.23	20.20	0.131	0.16	0.074	0.09	-0.07
5	DSI2	Head	LTE Band 38	38000	2595.0	50RB50	Right Tilt	0mm	\	\	19.25	20.20	0.104	0.13	0.060	0.07	-0.15
5	DSI2	Head	LTE Band 38	38150	2610.0	1RB50	Right Cheek	0mm	\	\	19.22	20.20	0.711	0.89	0.326	0.41	-0.03
5	DSI2	Head	LTE Band 38	37850	2580.0	1RB50	Right Cheek	0mm	\	\	19.19	20.20	0.730	0.92	0.337	0.43	-0.10
5	DSI2	Head	LTE Band 38	38150	2610.0	50RB50	Right Cheek	0mm	\	\	19.23	20.20	0.569	0.71	0.264	0.33	-0.12
5	DSI2	Head	LTE Band 38	37850	2580.0	50RB50	Right Cheek	0mm	\	\	19.16	20.20	0.583	0.74	0.273	0.35	-0.19
5	DSI2	Head	LTE Band 38	38150	2610.0	100RB	Right Cheek	0mm	\	\	19.27	20.20	0.579	0.72	0.265	0.33	-0.14
5	DSI2	Head	LTE Band 38	38000	2595.0	ULCA	Right Cheek	0mm	CA_38C	\	19.16	20.20	0.815	1.04	0.341	0.43	0.10
5	DSI4	Head	LTE Band 38	38000	2595.0	1RB50	Left Cheek	0mm	\	\	16.26	17.20	0.158	0.20	0.091	0.11	-0.05
5	DSI4	Head	LTE Band 38	38000	2595.0	50RB50	Left Cheek	0mm	\	\	16.31	17.20	0.145	0.18	0.080	0.10	-0.10
5	DSI4	Head	LTE Band 38	38000	2595.0	1RB50	Left Tilt	0mm	\	\	16.26	17.20	0.035	0.04	0.021	0.03	-0.09
5	DSI4	Head	LTE Band 38	38000	2595.0	50RB50	Left Tilt	0mm	\	\	16.31	17.20	0.028	0.03	0.017	0.02	-0.03
5	DSI4	Head	LTE Band 38	38000	2595.0	1RB50	Right Cheek	0mm	\	\	16.26	17.20	0.361	0.45	0.162	0.20	0.14
5	DSI4	Head	LTE Band 38	38000	2595.0	50RB50	Right Cheek	0mm	\	\	16.31	17.20	0.328	0.40	0.146	0.18	0.06
5	DSI4	Head	LTE Band 38	38000	2595.0	1RB50	Right Tilt	0mm	\	\	16.26	17.20	0.056	0.07	0.031	0.04	0.17
5	DSI4	Head	LTE Band 38	38000	2595.0	50RB50	Right Tilt	0mm	\	\	16.31	17.20	0.044	0.05	0.025	0.03	-0.18
5	DSI1	Hotspot	LTE Band 38	38000	2595.0	1RB50	Front	10mm	\	\	20.70	21.70	0.278	0.35	0.144	0.18	-0.02
5	DSI1	Hotspot	LTE Band 38	38000	2595.0	50RB50	Front	10mm	\	\	19.77	20.70	0.220	0.27	0.113	0.14	-0.03
5	DSI1	Hotspot	LTE Band 38	38000	2595.0	1RB50	Rear	10mm	\	\	20.70	21.70	0.376	0.47	0.190	0.24	-0.07
5	DSI1	Hotspot	LTE Band 38	38000	2595.0	50RB50	Rear	10mm	\	\	19.77	20.70	0.312	0.39	0.149	0.18	-0.13
5	DSI1	Hotspot	LTE Band 38	38000	2595.0	1RB50	Left	10mm	\	\	20.70	21.70	0.411	0.52	0.218	0.27	-0.06
5	DSI1	Hotspot	LTE Band 38	38000	2595.0	50RB50	Left	10mm	\	\	19.77	20.70	0.297	0.37	0.151	0.19	0.03
5	DSI1	Hotspot	LTE Band 38	38000	2595.0	ULCA	Left	10mm	CA_38C	\	20.61	21.70	0.388	0.50	0.194	0.25	0.07
5	DSI1	Body-Worn	LTE Band 38	38000	2595.0	1RB50	Front	15mm	\	\	20.70	21.70	0.148	0.19	0.077	0.10	-0.02
5	DSI1	Body-Worn	LTE Band 38	38000	2595.0	50RB50	Front	15mm	\	\	19.77	20.70	0.116	0.14	0.062	0.08	-0.06
5	DSI1	Body-Worn	LTE Band 38	38000	2595.0	1RB50	Rear	15mm	\	\	20.70	21.70	0.187	0.24	0.097	0.12	0.08
5	DSI1	Body-Worn	LTE Band 38	38000	2595.0	50RB50	Rear	15mm	\	\	19.77	20.70	0.151	0.19	0.076	0.09	0.11
5	DSI1	Body-Worn	LTE Band 38	38000	2595.0	ULCA	Rear	15mm	CA_38C	\	20.61	21.70	0.163	0.21	0.085	0.11	-0.09

Table 13.13: LTE Band 41 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	LTE Band 41	40620	2593.0	1RB99	Left Cheek	0mm	\	\	19.06	19.70	0.387	0.45	0.207	0.24	0.09
1	DSI2	Head	LTE Band 41	40620	2593.0	50RB50	Left Cheek	0mm	\	\	19.11	19.70	0.391	0.45	0.208	0.24	0.01
1	DSI2	Head	LTE Band 41	40620	2593.0	1RB99	Left Tilt	0mm	\	\	19.06	19.70	0.365	0.42	0.188	0.22	-0.05
1	DSI2	Head	LTE Band 41	40620	2593.0	50RB50	Left Tilt	0mm	\	\	19.11	19.70	0.364	0.42	0.188	0.22	-0.11
1	DSI2	Head	LTE Band 41	40620	2593.0	1RB99	Right Cheek	0mm	\	\	19.06	19.70	0.832	0.96	0.373	0.43	-0.08
1	DSI2	Head	LTE Band 41	40620	2593.0	50RB50	Right Cheek	0mm	\	\	19.11	19.70	0.824	0.94	0.348	0.40	0.17
1	DSI2	Head	LTE Band 41	40620	2593.0	1RB99	Right Tilt	0mm	\	\	19.06	19.70	0.465	0.54	0.240	0.28	0.13
1	DSI2	Head	LTE Band 41	40620	2593.0	50RB50	Right Tilt	0mm	\	\	19.11	19.70	0.479	0.55	0.245	0.28	0.08
1	DSI2	Head	LTE Band 41	41490	2680.0	1RB99	Right Cheek	0mm	\	\	19.04	19.70	0.522	0.61	0.244	0.28	0.06
1	DSI2	Head	LTE Band 41	41055	2636.5	1RB99	Right Cheek	0mm	\	\	19.05	19.70	0.738	0.86	0.336	0.39	0.19
1	DSI2	Head	LTE Band 41	40185	2549.5	1RB99	Right Cheek	0mm	\	\	18.85	19.70	0.733	0.89	0.332	0.40	-0.02
1	DSI2	Head	LTE Band 41	39750	2506.0	1RB99	Right Cheek	0mm	\	\	18.80	19.70	0.801	0.99	0.306	0.38	-0.16
1	DSI2	Head	LTE Band 41	41490	2680.0	50RB50	Right Cheek	0mm	\	\	19.02	19.70	0.603	0.71	0.288	0.34	0.00
1	DSI2	Head	LTE Band 41	41055	2636.5	50RB50	Right Cheek	0mm	\	\	19.03	19.70	0.834	0.97	0.356	0.42	-0.09
1	DSI2	Head	LTE Band 41	40185	2549.5	50RB50	Right Cheek	0mm	\	\	18.89	19.70	0.834	1.00	0.354	0.43	0.10
1	DSI2	Head	LTE Band 41	39750	2506.0	50RB50	Right Cheek	0mm	\	\	18.85	19.70	0.761	0.93	0.327	0.40	-0.05
1	DSI2	Head	LTE Band 41	40620	2593.0	100RB	Right Cheek	0mm	\	25	18.99	19.70	0.847	1.00	0.364	0.43	0.04
1	DSI2	Head	LTE Band 41	40620	2593.0	ULCA	Right Cheek	0mm	CA_41C	\	18.98	19.70	0.808	0.95	0.350	0.41	0.03
1	DSI4	Head	LTE Band 41	40620	2593.0	1RB99	Left Cheek	0mm	\	\	18.06	18.70	0.318	0.37	0.167	0.19	-0.13
1	DSI4	Head	LTE Band 41	40620	2593.0	50RB50	Left Cheek	0mm	\	\	18.05	18.70	0.321	0.37	0.168	0.20	0.14
1	DSI4	Head	LTE Band 41	40620	2593.0	1RB99	Left Tilt	0mm	\	\	18.06	18.70	0.301	0.35	0.152	0.18	-0.19
1	DSI4	Head	LTE Band 41	40620	2593.0	50RB50	Left Tilt	0mm	\	\	18.05	18.70	0.299	0.35	0.152	0.18	-0.02
1	DSI4	Head	LTE Band 41	40620	2593.0	1RB99	Right Cheek	0mm	\	\	18.06	18.70	0.684	0.79	0.301	0.35	-0.06
1	DSI4	Head	LTE Band 41	40620	2593.0	50RB50	Right Cheek	0mm	\	\	18.05	18.70	0.677	0.79	0.281	0.33	-0.12
1	DSI4	Head	LTE Band 41	40620	2593.0	1RB99	Right Tilt	0mm	\	\	18.06	18.70	0.382	0.44	0.194	0.22	-0.11
1	DSI4	Head	LTE Band 41	40620	2593.0	50RB50	Right Tilt	0mm	\	\	18.05	18.70	0.394	0.46	0.198	0.23	-0.19
1	DSI1	Hotspot	LTE Band 41	40620	2593.0	1RB99	Front	10mm	\	\	21.68	22.30	0.274	0.32	0.132	0.15	0.01
1	DSI1	Hotspot	LTE Band 41	40620	2593.0	50RB50	Front	10mm	\	\	21.63	22.30	0.298	0.35	0.142	0.17	-0.12
1	DSI1	Hotspot	LTE Band 41	40620	2593.0	1RB99	Rear	10mm	\	\	21.68	22.30	0.261	0.30	0.143	0.16	-0.06
1	DSI1	Hotspot	LTE Band 41	40620	2593.0	50RB50	Rear	10mm	\	\	21.63	22.30	0.277	0.32	0.147	0.17	0.12
1	DSI1	Hotspot	LTE Band 41	40620	2593.0	1RB99	Left	10mm	\	\	21.68	22.30	0.335	0.39	0.155	0.18	0.11
1	DSI1	Hotspot	LTE Band 41	40620	2593.0	50RB50	Left	10mm	\	\	21.63	22.30	0.329	0.38	0.143	0.17	-0.18
1	DSI1	Hotspot	LTE Band 41	40620	2593.0	1RB99	Top	10mm	\	\	21.68	22.30	0.279	0.32	0.130	0.15	0.05
1	DSI1	Hotspot	LTE Band 41	40620	2593.0	50RB50	Top	10mm	\	\	21.63	22.30	0.274	0.32	0.126	0.15	0.13
1	DSI1	Hotspot	LTE Band 41	40620	2593.0	ULCA	Left	10mm	CA_41C	\	21.61	22.30	0.311	0.36	0.139	0.16	0.08
1	DSI1	Body-Worn	LTE Band 41	40620	2593.0	1RB99	Front	15mm	\	\	21.68	22.30	0.127	0.15	0.063	0.07	0.18
1	DSI1	Body-Worn	LTE Band 41	40620	2593.0	50RB50	Front	15mm	\	\	21.63	22.30	0.127	0.15	0.066	0.08	-0.03
1	DSI1	Body-Worn	LTE Band 41	40620	2593.0	1RB99	Rear	15mm	\	\	21.68	22.30	0.161	0.19	0.092	0.11	-0.04
1	DSI1	Body-Worn	LTE Band 41	40620	2593.0	50RB50	Rear	15mm	\	\	21.63	22.30	0.151	0.18	0.084	0.10	-0.08
1	DSI1	Body-Worn	LTE Band 41	40620	2593.0	ULCA	Rear	15mm	CA_41C	\	21.61	22.30	0.144	0.17	0.076	0.09	0.05
4	DSI2	Head	LTE Band 41	40620	2593.0	1RB99	Left Cheek	0mm	\	\	23.38	24.50	0.074	0.10	0.039	0.05	-0.03
4	DSI2	Head	LTE Band 41	40620	2593.0	50RB50	Left Cheek	0mm	\	\	22.39	23.50	0.062	0.08	0.033	0.04	0.03
4	DSI2	Head	LTE Band 41	40620	2593.0	1RB99	Left Tilt	0mm	\	\	23.38	24.50	0.064	0.08	0.034	0.04	-0.17
4	DSI2	Head	LTE Band 41	40620	2593.0	50RB50	Left Tilt	0mm	\	\	22.39	23.50	0.053	0.07	0.027	0.03	0.04
4	DSI2	Head	LTE Band 41	40620	2593.0	1RB99	Right Cheek	0mm	\	\	23.38	24.50	0.075	0.10	0.039	0.05	0.03
4	DSI2	Head	LTE Band 41	40620	2593.0	50RB50	Right Cheek	0mm	\	\	22.39	23.50	0.074	0.10	0.028	0.04	0.04
4	DSI2	Head	LTE Band 41	40620	2593.0	1RB99	Right Tilt	0mm	\	\	23.38	24.50	0.038	0.05	0.015	0.02	0.08
4	DSI2	Head	LTE Band 41	40620	2593.0	50RB50	Right Tilt	0mm	\	\	22.39	23.50	<0.01	<0.01	<0.01	<0.01	\
4	DSI2	Head	LTE Band 41	40620	2593.0	ULCA	Right Cheek	0mm	CA_41C	\	23.26	24.50	0.066	0.09	0.036	0.05	-0.02
4	DSI1	Hotspot	LTE Band 41	40620	2593.0	1RB99	Front	10mm	\	\	22.31	23.10	0.258	0.31	0.134	0.16	-0.17
4	DSI1	Hotspot	LTE Band 41	40620	2593.0	50RB50	Front	10mm	\	\	22.32	23.10	0.261	0.31	0.136	0.16	-0.04
4	DSI1	Hotspot	LTE Band 41	40620	2593.0	1RB99	Rear	10mm	\	\	22.31	23.10	0.333	0.40	0.171	0.21	-0.16
4	DSI1	Hotspot	LTE Band 41	40620	2593.0	50RB50	Rear	10mm	\	\	22.32	23.10	0.332	0.40	0.174	0.21	-0.03
4	DSI1	Hotspot	LTE Band 41	40620	2593.0	1RB99	Right	10mm	\	\	22.31	23.10	0.123	0.15	0.059	0.07	0.03
4	DSI1	Hotspot	LTE Band 41	40620	2593.0	50RB50	Right	10mm	\	\	22.32	23.10	0.130	0.16	0.061	0.07	-0.11
4	DSI1	Hotspot	LTE Band 41	40620	2593.0	1RB99	Bottom	10mm	\	\	22.31	23.10	0.455	0.55	0.230	0.28	0.02
4	DSI1	Hotspot	LTE Band 41	40620	2593.0	50RB50	Bottom	10mm	\	26	22.32	23.10	0.465	0.56	0.235	0.28	0.01
4	DSI1	Hotspot	LTE Band 41	40620	2593.0	ULCA	Bottom	10mm	CA_41C	\	22.25	23.10	0.428	0.52	0.216	0.26	0.09
4	DSI1	Body-Worn	LTE Band 41	40620	2593.0	1RB99	Front	15mm	\	\	22.31	23.10	0.139	0.17	0.075	0.09	0.10
4	DSI1	Body-Worn	LTE Band 41	40620	2593.0	50RB50	Front	15mm	\	\	22.32	23.10	0.137	0.16	0.075	0.09	-0.08
4	DSI1	Body-Worn	LTE Band 41	40620	2593.0	1RB99	Rear	15mm	\	\	22.31	23.10	0.177	0.21	0.101	0.12	0.16
4	DSI1	Body-Worn	LTE Band 41	40620	2593.0	50RB50	Rear	15mm	\	\	22.32	23.10	0.182	0.22	0.102	0.12	0.15
4	DSI1	Body-Worn	LTE Band 41	40620	2593.0	ULCA	Rear	15mm	CA_41C	\	22.25	23.10	0.161	0.20	0.093	0.11	0.07



ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	DSI2	Head	LTE Band 41	40620	2593.0	1RB50	Left Cheek	0mm	\	\	18.86	19.70	0.476	0.58	0.245	0.30	0.15
5	DSI2	Head	LTE Band 41	40620	2593.0	50RB50	Left Cheek	0mm	\	\	18.92	19.70	0.477	0.57	0.241	0.29	0.18
5	DSI2	Head	LTE Band 41	40620	2593.0	1RB50	Left Tilt	0mm	\	\	18.86	19.70	0.088	0.11	0.049	0.06	0.05
5	DSI2	Head	LTE Band 41	40620	2593.0	50RB50	Left Tilt	0mm	\	\	18.92	19.70	0.090	0.11	0.049	0.06	0.02
5	DSI2	Head	LTE Band 41	40620	2593.0	1RB50	Right Cheek	0mm	\	\	18.86	19.70	0.695	0.84	0.318	0.39	-0.05
5	DSI2	Head	LTE Band 41	40620	2593.0	50RB50	Right Cheek	0mm	\	\	18.92	19.70	0.716	0.86	0.322	0.39	-0.07
5	DSI2	Head	LTE Band 41	40620	2593.0	1RB50	Right Tilt	0mm	\	\	18.86	19.70	0.151	0.18	0.078	0.09	0.19
5	DSI2	Head	LTE Band 41	40620	2593.0	50RB50	Right Tilt	0mm	\	\	18.92	19.70	0.149	0.18	0.078	0.09	-0.06
5	DSI2	Head	LTE Band 41	41490	2680.0	1RB50	Right Cheek	0mm	\	\	18.47	19.70	0.462	0.61	0.209	0.28	-0.05
5	DSI2	Head	LTE Band 41	41055	2636.5	1RB50	Right Cheek	0mm	\	\	18.77	19.70	0.600	0.74	0.281	0.35	0.17
5	DSI2	Head	LTE Band 41	40185	2549.5	1RB50	Right Cheek	0mm	\	\	18.74	19.70	0.622	0.78	0.294	0.37	-0.13
5	DSI2	Head	LTE Band 41	39750	2506.0	1RB50	Right Cheek	0mm	\	\	18.73	19.70	0.628	0.79	0.277	0.35	-0.09
5	DSI2	Head	LTE Band 41	41490	2680.0	50RB50	Right Cheek	0mm	\	\	18.38	19.70	0.476	0.65	0.212	0.29	0.01
5	DSI2	Head	LTE Band 41	41055	2636.5	50RB50	Right Cheek	0mm	\	\	18.73	19.70	0.597	0.75	0.281	0.35	0.10
5	DSI2	Head	LTE Band 41	40185	2549.5	50RB50	Right Cheek	0mm	\	\	18.69	19.70	0.526	0.66	0.250	0.32	0.16
5	DSI2	Head	LTE Band 41	39750	2506.0	50RB50	Right Cheek	0mm	\	\	18.87	19.70	0.647	0.78	0.280	0.34	0.04
5	DSI2	Head	LTE Band 41	40620	2593.0	100RB	Right Cheek	0mm	\	\	18.83	19.70	0.725	0.89	0.330	0.40	0.09
5	DSI2	Head	LTE Band 41	40620	2593.0	ULCA	Right Cheek	0mm	CA_41C	\	18.80	19.70	0.662	0.81	0.288	0.35	0.02
5	DSI4	Head	LTE Band 41	40620	2593.0	1RB50	Left Cheek	0mm	\	\	15.81	16.70	0.239	0.29	0.121	0.15	-0.04
5	DSI4	Head	LTE Band 41	40620	2593.0	50RB50	Left Cheek	0mm	\	\	15.86	16.70	0.241	0.29	0.119	0.14	-0.07
5	DSI4	Head	LTE Band 41	40620	2593.0	1RB50	Left Tilt	0mm	\	\	15.81	16.70	0.044	0.05	0.024	0.03	-0.14
5	DSI4	Head	LTE Band 41	40620	2593.0	50RB50	Left Tilt	0mm	\	\	15.86	16.70	0.045	0.05	0.024	0.03	0.03
5	DSI4	Head	LTE Band 41	40620	2593.0	1RB50	Right Cheek	0mm	\	\	15.81	16.70	0.349	0.43	0.157	0.19	-0.14
5	DSI4	Head	LTE Band 41	40620	2593.0	50RB50	Right Cheek	0mm	\	\	15.86	16.70	0.365	0.44	0.163	0.20	0.13
5	DSI4	Head	LTE Band 41	40620	2593.0	1RB50	Right Tilt	0mm	\	\	15.81	16.70	0.076	0.09	0.038	0.05	0.16
5	DSI4	Head	LTE Band 41	40620	2593.0	50RB50	Right Tilt	0mm	\	\	15.86	16.70	0.075	0.09	0.038	0.05	-0.08
5	DSI1	Hotspot	LTE Band 41	40620	2593.0	1RB50	Front	10mm	\	\	21.23	22.20	0.323	0.40	0.163	0.20	0.09
5	DSI1	Hotspot	LTE Band 41	40620	2593.0	50RB50	Front	10mm	\	\	20.33	21.20	0.259	0.32	0.129	0.16	-0.14
5	DSI1	Hotspot	LTE Band 41	40620	2593.0	1RB50	Rear	10mm	\	\	21.23	22.20	0.418	0.52	0.207	0.26	0.03
5	DSI1	Hotspot	LTE Band 41	40620	2593.0	50RB50	Rear	10mm	\	\	20.33	21.20	0.344	0.42	0.173	0.21	0.10
5	DSI1	Hotspot	LTE Band 41	40620	2593.0	1RB50	Left	10mm	\	\	21.23	22.20	0.462	0.58	0.245	0.31	0.12
5	DSI1	Hotspot	LTE Band 41	40620	2593.0	50RB50	Left	10mm	\	\	20.33	21.20	0.348	0.43	0.179	0.22	0.14
5	DSI1	Hotspot	LTE Band 41	40620	2593.0	ULCA	Left	10mm	CA_41C	\	21.14	22.20	0.433	0.55	0.221	0.28	-0.05
5	DSI1	Body-Worn	LTE Band 41	40620	2593.0	1RB50	Front	15mm	\	\	21.23	22.20	0.164	0.21	0.086	0.11	0.10
5	DSI1	Body-Worn	LTE Band 41	40620	2593.0	50RB50	Front	15mm	\	\	20.33	21.20	0.128	0.16	0.069	0.08	0.05
5	DSI1	Body-Worn	LTE Band 41	40620	2593.0	1RB50	Rear	15mm	\	\	21.23	22.20	0.201	0.25	0.104	0.13	0.08
5	DSI1	Body-Worn	LTE Band 41	40620	2593.0	50RB50	Rear	15mm	\	\	20.33	21.20	0.154	0.19	0.082	0.10	0.04
5	DSI1	Body-Worn	LTE Band 41	40620	2593.0	ULCA	Rear	15mm	CA_41C	\	21.14	22.20	0.185	0.24	0.091	0.12	0.03

Table 13.14: LTE Band 66 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	LTE Band 66	132572.0	1770	1RB50	Left Cheek	0mm	\	\	17.31	18.50	0.392	0.52	0.261	0.34	-0.12
1	DSI2	Head	LTE Band 66	132572.0	1770	50RB50	Left Cheek	0mm	\	\	17.38	18.50	0.395	0.51	0.263	0.34	-0.05
1	DSI2	Head	LTE Band 66	132572.0	1770	1RB50	Left Tilt	0mm	\	\	17.31	18.50	0.383	0.50	0.237	0.31	-0.01
1	DSI2	Head	LTE Band 66	132572.0	1770	50RB50	Left Tilt	0mm	\	\	17.38	18.50	0.389	0.50	0.235	0.30	0.18
1	DSI2	Head	LTE Band 66	132572.0	1770	1RB50	Right Cheek	0mm	\	\	17.31	18.50	0.571	0.75	0.342	0.45	0.09
1	DSI2	Head	LTE Band 66	132572.0	1770	50RB50	Right Cheek	0mm	\	\	17.38	18.50	0.725	0.94	0.399	0.52	0.05
1	DSI2	Head	LTE Band 66	132572.0	1770	1RB50	Right Tilt	0mm	\	\	17.31	18.50	0.447	0.59	0.245	0.32	0.02
1	DSI2	Head	LTE Band 66	132572.0	1770	50RB50	Right Tilt	0mm	\	\	17.38	18.50	0.444	0.57	0.244	0.32	-0.13
1	DSI2	Head	LTE Band 66	132322.0	1745	50RB50	Right Cheek	0mm	\	27	17.34	18.50	0.749	0.98	0.413	0.54	-0.03
1	DSI2	Head	LTE Band 66	132072.0	1720	50RB50	Right Cheek	0mm	\	\	17.34	18.50	0.742	0.97	0.411	0.54	0.01
1	DSI2	Head	LTE Band 66	132072.0	1720	100RB	Right Cheek	0mm	\	\	17.33	18.50	0.735	0.96	0.409	0.54	-0.13
1	DSI4	Head	LTE Band 66	132572.0	1770	1RB50	Left Cheek	0mm	\	\	16.46	17.50	0.305	0.39	0.203	0.26	0.04
1	DSI4	Head	LTE Band 66	132572.0	1770	50RB50	Left Cheek	0mm	\	\	16.47	17.50	0.307	0.39	0.205	0.26	0.10
1	DSI4	Head	LTE Band 66	132572.0	1770	1RB50	Left Tilt	0mm	\	\	16.46	17.50	0.298	0.38	0.185	0.24	0.12
1	DSI4	Head	LTE Band 66	132572.0	1770	50RB50	Left Tilt	0mm	\	\	16.47	17.50	0.303	0.38	0.183	0.23	-0.11
1	DSI4	Head	LTE Band 66	132572.0	1770	1RB50	Right Cheek	0mm	\	\	16.46	17.50	0.444	0.56	0.267	0.34	0.05
1	DSI4	Head	LTE Band 66	132572.0	1770	50RB50	Right Cheek	0mm	\	\	16.47	17.50	0.564	0.71	0.311	0.39	0.13
1	DSI4	Head	LTE Band 66	132572.0	1770	1RB50	Right Tilt	0mm	\	\	16.46	17.50	0.348	0.44	0.191	0.24	0.08
1	DSI4	Head	LTE Band 66	132572.0	1770	50RB50	Right Tilt	0mm	\	\	16.47	17.50	0.345	0.44	0.189	0.24	-0.19
1	DSI1	Hotspot	LTE Band 66	132572.0	1770	1RB50	Front	10mm	\	\	21.74	22.80	0.394	0.50	0.229	0.29	0.19
1	DSI1	Hotspot	LTE Band 66	132572.0	1770	50RB50	Front	10mm	\	\	21.32	22.40	0.365	0.47	0.211	0.27	-0.01
1	DSI1	Hotspot	LTE Band 66	132572.0	1770	1RB50	Rear	10mm	\	\	21.74	22.80	0.622	0.79	0.345	0.44	-0.19
1	DSI1	Hotspot	LTE Band 66	132572.0	1770	50RB50	Rear	10mm	\	\	21.32	22.40	0.559	0.72	0.312	0.40	0.09
1	DSI1	Hotspot	LTE Band 66	132572.0	1770	1RB50	Left	10mm	\	\	21.74	22.80	0.269	0.34	0.138	0.18	-0.07
1	DSI1	Hotspot	LTE Band 66	132572.0	1770	50RB50	Left	10mm	\	\	21.32	22.40	0.250	0.32	0.128	0.16	0.15
1	DSI1	Hotspot	LTE Band 66	132572.0	1770	1RB50	Top	10mm	\	\	21.74	22.80	0.684	0.87	0.393	0.50	0.04
1	DSI1	Hotspot	LTE Band 66	132572.0	1770	50RB50	Top	10mm	\	\	21.32	22.40	0.672	0.86	0.377	0.48	-0.11
1	DSI1	Hotspot	LTE Band 66	132322.0	1745	1RB50	Top	10mm	\	\	21.62	22.80	0.669	0.88	0.376	0.49	0.03
1	DSI1	Hotspot	LTE Band 66	132072.0	1720	1RB50	Top	10mm	\	\	21.59	22.80	0.624	0.82	0.351	0.46	-0.05
1	DSI1	Hotspot	LTE Band 66	132322.0	1745	50RB50	Top	10mm	\	\	21.27	22.40	0.603	0.78	0.339	0.44	-0.08
1	DSI1	Hotspot	LTE Band 66	132072.0	1720	50RB50	Top	10mm	\	\	21.27	22.40	0.592	0.77	0.334	0.43	-0.07
1	DSI1	Hotspot	LTE Band 66	132572.0	1770	100RB	Top	10mm	\	\	21.27	22.40	0.606	0.79	0.341	0.44	-0.13
1	DSI3	Hotspot	LTE Band 66	132572.0	1770	1RB50	Front	10mm	\	\	20.65	21.80	0.270	0.35	0.156	0.20	-0.17
1	DSI3	Hotspot	LTE Band 66	132572.0	1770	50RB50	Front	10mm	\	\	20.73	21.80	0.250	0.32	0.144	0.18	0.10
1	DSI3	Hotspot	LTE Band 66	132572.0	1770	1RB50	Rear	10mm	\	\	20.65	21.80	0.426	0.56	0.235	0.31	0.12
1	DSI3	Hotspot	LTE Band 66	132572.0	1770	50RB50	Rear	10mm	\	\	20.73	21.80	0.382	0.49	0.213	0.27	0.15
1	DSI3	Hotspot	LTE Band 66	132572.0	1770	1RB50	Left	10mm	\	\	20.65	21.80	0.184	0.24	0.094	0.12	-0.12
1	DSI3	Hotspot	LTE Band 66	132572.0	1770	50RB50	Left	10mm	\	\	20.73	21.80	0.171	0.22	0.087	0.11	0.10
1	DSI3	Hotspot	LTE Band 66	132572.0	1770	1RB50	Top	10mm	\	\	20.65	21.80	0.468	0.61	0.268	0.35	0.07
1	DSI3	Hotspot	LTE Band 66	132572.0	1770	50RB50	Top	10mm	\	\	20.73	21.80	0.460	0.59	0.257	0.33	0.19
1	DSI1	Body-Worn	LTE Band 66	132572.0	1770	1RB50	Front	15mm	\	\	21.74	22.80	0.200	0.26	0.120	0.15	0.04
1	DSI1	Body-Worn	LTE Band 66	132572.0	1770	50RB50	Front	15mm	\	\	21.32	22.40	0.192	0.25	0.114	0.15	0.18
1	DSI1	Body-Worn	LTE Band 66	132572.0	1770	1RB50	Rear	15mm	\	\	21.74	22.80	0.309	0.39	0.183	0.23	0.02
1	DSI1	Body-Worn	LTE Band 66	132572.0	1770	50RB50	Rear	15mm	\	\	21.32	22.40	0.263	0.34	0.155	0.20	0.01



ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	DSI2	Head	LTE Band 66	132322	1745.0	1RB0	Left Cheek	0mm	\	\	22.79	24.00	0.082	0.11	0.050	0.07	0.01
4	DSI2	Head	LTE Band 66	132322	1745.0	50RB50	Left Cheek	0mm	\	\	21.79	23.00	0.061	0.08	0.038	0.05	0.14
4	DSI2	Head	LTE Band 66	132322	1745.0	1RB0	Left Tilt	0mm	\	\	22.79	24.00	<0.01	<0.01	<0.01	<0.01	\
4	DSI2	Head	LTE Band 66	132322	1745.0	50RB50	Left Tilt	0mm	\	\	21.79	23.00	<0.01	<0.01	<0.01	<0.01	\
4	DSI2	Head	LTE Band 66	132322	1745.0	1RB0	Right Cheek	0mm	\	\	22.79	24.00	0.070	0.09	0.044	0.06	0.09
4	DSI2	Head	LTE Band 66	132322	1745.0	50RB50	Right Cheek	0mm	\	\	21.79	23.00	0.054	0.07	0.034	0.04	-0.19
4	DSI2	Head	LTE Band 66	132322	1745.0	1RB0	Right Tilt	0mm	\	\	22.79	24.00	0.050	0.07	0.030	0.04	-0.17
4	DSI2	Head	LTE Band 66	132322	1745.0	50RB50	Right Tilt	0mm	\	\	21.79	23.00	0.042	0.05	0.024	0.03	-0.01
4	DSI1	Hotspot	LTE Band 66	132322	1745.0	1RB0	Front	10mm	\	\	22.21	23.40	0.381	0.50	0.232	0.31	0.14
4	DSI1	Hotspot	LTE Band 66	132322	1745.0	50RB50	Front	10mm	\	\	21.92	23.00	0.341	0.44	0.206	0.26	-0.12
4	DSI1	Hotspot	LTE Band 66	132322	1745.0	1RB0	Rear	10mm	\	\	22.21	23.40	0.438	0.58	0.265	0.35	-0.10
4	DSI1	Hotspot	LTE Band 66	132322	1745.0	50RB50	Rear	10mm	\	\	21.92	23.00	0.418	0.54	0.249	0.32	0.08
4	DSI1	Hotspot	LTE Band 66	132322	1745.0	1RB0	Right	10mm	\	\	22.21	23.40	0.182	0.24	0.098	0.13	-0.06
4	DSI1	Hotspot	LTE Band 66	132322	1745.0	50RB50	Right	10mm	\	\	21.92	23.00	0.172	0.22	0.092	0.12	-0.02
4	DSI1	Hotspot	LTE Band 66	132322	1745.0	1RB0	Bottom	10mm	\	\	22.21	23.40	0.737	0.97	0.412	0.54	0.12
4	DSI1	Hotspot	LTE Band 66	132322	1745.0	50RB50	Bottom	10mm	\	\	21.92	23.00	0.691	0.89	0.388	0.50	0.01
4	DSI1	Hotspot	LTE Band 66	132572	1770.0	1RB0	Bottom	10mm	\	28	22.20	23.40	0.756	1.00	0.424	0.56	-0.17
4	DSI1	Hotspot	LTE Band 66	132072	1720.0	1RB0	Bottom	10mm	\	\	22.15	23.40	0.646	0.86	0.361	0.48	0.19
4	DSI1	Hotspot	LTE Band 66	132572	1770.0	50RB50	Bottom	10mm	\	\	21.90	23.00	0.677	0.87	0.790	1.02	0.00
4	DSI1	Hotspot	LTE Band 66	132072	1720.0	50RB50	Bottom	10mm	\	\	21.84	23.00	0.628	0.82	0.354	0.46	-0.04
4	DSI1	Hotspot	LTE Band 66	132322	1745.0	100RB	Bottom	10mm	\	\	21.84	23.00	0.669	0.87	0.376	0.49	0.02
4	DSI3	Hotspot	LTE Band 66	132322	1745.0	1RB0	Front	10mm	\	\	21.33	22.40	0.318	0.41	0.192	0.25	-0.05
4	DSI3	Hotspot	LTE Band 66	132322	1745.0	50RB50	Front	10mm	\	\	21.26	22.40	0.323	0.42	0.193	0.25	0.02
4	DSI3	Hotspot	LTE Band 66	132322	1745.0	1RB0	Rear	10mm	\	\	21.33	22.40	0.365	0.47	0.219	0.28	0.17
4	DSI3	Hotspot	LTE Band 66	132322	1745.0	50RB50	Rear	10mm	\	\	21.26	22.40	0.396	0.51	0.234	0.30	0.16
4	DSI3	Hotspot	LTE Band 66	132322	1745.0	1RB0	Right	10mm	\	\	21.33	22.40	0.152	0.19	0.081	0.10	-0.13
4	DSI3	Hotspot	LTE Band 66	132322	1745.0	50RB50	Right	10mm	\	\	21.26	22.40	0.163	0.21	0.087	0.11	0.03
4	DSI3	Hotspot	LTE Band 66	132322	1745.0	1RB0	Bottom	10mm	\	\	21.33	22.40	0.615	0.79	0.341	0.44	-0.05
4	DSI3	Hotspot	LTE Band 66	132322	1745.0	50RB50	Bottom	10mm	\	\	21.26	22.40	0.655	0.85	0.364	0.47	-0.09
4	DSI1	Hotspot	LTE Band 66	132572	1770.0	50RB50	Bottom	10mm	\	\	21.22	22.40	0.642	0.84	0.741	0.97	-0.02
4	DSI1	Hotspot	LTE Band 66	132072	1720.0	50RB50	Bottom	10mm	\	\	21.20	22.40	0.595	0.78	0.332	0.44	-0.16
4	DSI1	Hotspot	LTE Band 66	132322	1745.0	100RB	Bottom	10mm	\	\	21.19	22.40	0.634	0.84	0.353	0.47	0.09
4	DSI1	Body-Worn	LTE Band 66	132322	1745.0	1RB0	Front	15mm	\	\	22.21	23.40	0.186	0.24	0.119	0.16	0.01
4	DSI1	Body-Worn	LTE Band 66	132322	1745.0	50RB50	Front	15mm	\	\	21.92	23.00	0.168	0.22	0.106	0.14	0.00
4	DSI1	Body-Worn	LTE Band 66	132322	1745.0	1RB0	Rear	15mm	\	\	22.21	23.40	0.217	0.29	0.138	0.18	-0.03
4	DSI1	Body-Worn	LTE Band 66	132322	1745.0	50RB50	Rear	15mm	\	\	21.92	23.00	0.194	0.25	0.124	0.16	-0.12

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	DSI2	Head	LTE Band 66	132572	1770.0	1RB99	Left Cheek	0mm	\	\	18.27	19.30	0.303	0.38	0.158	0.20	-0.01
5	DSI2	Head	LTE Band 66	132572	1770.0	50RB50	Left Cheek	0mm	\	\	18.29	19.30	0.274	0.35	0.148	0.19	-0.19
5	DSI2	Head	LTE Band 66	132572	1770.0	1RB99	Left Tilt	0mm	\	\	18.27	19.30	0.056	0.07	0.035	0.04	-0.08
5	DSI2	Head	LTE Band 66	132572	1770.0	50RB50	Left Tilt	0mm	\	\	18.29	19.30	0.058	0.07	0.036	0.05	0.15
5	DSI2	Head	LTE Band 66	132572	1770.0	1RB99	Right Cheek	0mm	\	\	18.27	19.30	0.502	0.64	0.228	0.29	0.14
5	DSI2	Head	LTE Band 66	132572	1770.0	50RB50	Right Cheek	0mm	\	\	18.29	19.30	0.488	0.62	0.221	0.28	-0.04
5	DSI2	Head	LTE Band 66	132572	1770.0	1RB99	Right Tilt	0mm	\	\	18.27	19.30	0.085	0.11	0.050	0.06	0.19
5	DSI2	Head	LTE Band 66	132572	1770.0	50RB50	Right Tilt	0mm	\	\	18.29	19.30	0.088	0.11	0.053	0.07	0.18
5	DSI4	Head	LTE Band 66	132572	1770.0	1RB99	Left Cheek	0mm	\	\	17.23	18.30	0.254	0.32	0.131	0.17	-0.04
5	DSI4	Head	LTE Band 66	132572	1770.0	50RB50	Left Cheek	0mm	\	\	17.26	18.30	0.230	0.29	0.122	0.16	0.10
5	DSI4	Head	LTE Band 66	132572	1770.0	1RB99	Left Tilt	0mm	\	\	17.23	18.30	0.047	0.06	0.029	0.04	-0.01
5	DSI4	Head	LTE Band 66	132572	1770.0	50RB50	Left Tilt	0mm	\	\	17.26	18.30	0.049	0.06	0.033	0.04	0.12
5	DSI4	Head	LTE Band 66	132572	1770.0	1RB99	Right Cheek	0mm	\	\	17.23	18.30	0.417	0.53	0.187	0.24	0.14
5	DSI4	Head	LTE Band 66	132572	1770.0	50RB50	Right Cheek	0mm	\	\	17.26	18.30	0.409	0.52	0.183	0.23	0.16
5	DSI4	Head	LTE Band 66	132572	1770.0	1RB99	Right Tilt	0mm	\	\	17.23	18.30	0.072	0.09	0.042	0.05	-0.01
5	DSI4	Head	LTE Band 66	132572	1770.0	50RB50	Right Tilt	0mm	\	\	17.26	18.30	0.074	0.09	0.043	0.05	-0.19
5	DSI1	Hotspot	LTE Band 66	132572	1770.0	1RB99	Front	10mm	\	\	21.09	22.10	0.276	0.35	0.139	0.18	-0.16
5	DSI1	Hotspot	LTE Band 66	132572	1770.0	50RB50	Front	10mm	\	\	20.13	21.10	0.217	0.27	0.109	0.14	-0.12
5	DSI1	Hotspot	LTE Band 66	132572	1770.0	1RB99	Rear	10mm	\	\	21.09	22.10	0.395	0.50	0.201	0.25	0.13
5	DSI1	Hotspot	LTE Band 66	132572	1770.0	50RB50	Rear	10mm	\	\	20.13	21.10	0.293	0.37	0.153	0.19	0.15
5	DSI1	Hotspot	LTE Band 66	132572	1770.0	1RB99	Left	10mm	\	\	21.09	22.10	0.677	0.85	0.327	0.41	0.17
5	DSI1	Hotspot	LTE Band 66	132572	1770.0	50RB50	Left	10mm	\	\	20.13	21.10	0.531	0.66	0.254	0.32	-0.14
5	DSI1	Hotspot	LTE Band 66	132322	1745.0	1RB99	Left	10mm	\	\	21.07	22.10	0.738	0.94	0.364	0.46	0.10
5	DSI1	Hotspot	LTE Band 66	132072	1720.0	1RB99	Left	10mm	\	\	21.06	22.10	0.689	0.88	0.334	0.42	-0.04
5	DSI1	Hotspot	LTE Band 66	132072	1720.0	100RB	Left	10mm	\	\	20.10	21.10	0.525	0.66	0.254	0.32	-0.01
5	DSI3	Hotspot	LTE Band 66	132572	1770.0	1RB99	Front	10mm	\	\	19.89	20.90	0.201	0.25	0.103	0.13	-0.02
5	DSI3	Hotspot	LTE Band 66	132572	1770.0	50RB50	Front	10mm	\	\	19.92	20.90	0.190	0.24	0.088	0.11	0.05
5	DSI3	Hotspot	LTE Band 66	132572	1770.0	1RB99	Rear	10mm	\	\	19.89	20.90	0.287	0.36	0.152	0.19	0.06
5	DSI3	Hotspot	LTE Band 66	132572	1770.0	50RB50	Rear	10mm	\	\	19.92	20.90	0.244	0.31	0.136	0.17	0.03
5	DSI3	Hotspot	LTE Band 66	132572	1770.0	1RB99	Left	10mm	\	\	19.89	20.90	0.542	0.68	0.273	0.34	0.01
5	DSI3	Hotspot	LTE Band 66	132572	1770.0	50RB50	Left	10mm	\	\	19.92	20.90	0.484	0.61	0.246	0.31	-0.09
5	DSI1	Body-Worn	LTE Band 66	132572	1770.0	1RB99	Front	15mm	\	\	21.09	22.10	0.126	0.16	0.068	0.09	-0.02
5	DSI1	Body-Worn	LTE Band 66	132572	1770.0	50RB50	Front	15mm	\	\	20.13	21.10	0.101	0.13	0.054	0.07	-0.08
5	DSI1	Body-Worn	LTE Band 66	132572	1770.0	1RB99	Rear	15mm	\	\	21.09	22.10	0.185	0.23	0.104	0.13	0.13
5	DSI1	Body-Worn	LTE Band 66	132572	1770.0	50RB50	Rear	15mm	\	\	20.13	21.10	0.149	0.19	0.081	0.10	0.07

13.3. Test Results for SUB 6G

Table 13.15: NR n5 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	NR n5	167300	836.5	50@25	Left Cheek	0mm	\	\	22.82	24.00	0.345	0.45	0.194	0.25	0.11
1	DSI2	Head	NR n5	167300	836.5	50@25	Left Tilt	0mm	\	\	22.82	24.00	0.275	0.36	0.142	0.19	0.17
1	DSI2	Head	NR n5	167300	836.5	50@25	Right Cheek	0mm	\	29	22.82	24.00	0.626	0.82	0.313	0.41	0.04
1	DSI2	Head	NR n5	167300	836.5	50@25	Right Tilt	0mm	\	\	22.82	24.00	0.425	0.56	0.203	0.27	-0.07
1	DSI2	Head	NR n5	167800	839.0	50@25	Right Cheek	0mm	\	\	22.82	24.00	0.587	0.77	0.296	0.39	-0.06
1	DSI2	Head	NR n5	166800	834.0	50@25	Right Cheek	0mm	\	\	22.82	24.00	0.574	0.75	0.289	0.38	-0.10
1	DSI1	Hotspot	NR n5	167300	836.5	50@25	Front	10mm	\	\	22.82	24.00	0.175	0.23	0.108	0.14	0.13
1	DSI1	Hotspot	NR n5	167300	836.5	50@25	Rear	10mm	\	30	22.82	24.00	0.253	0.33	0.148	0.19	-0.03
1	DSI1	Hotspot	NR n5	167300	836.5	50@25	Left	10mm	\	\	22.82	24.00	0.162	0.21	0.107	0.14	0.12
1	DSI1	Hotspot	NR n5	167300	836.5	50@25	Top	10mm	\	\	22.82	24.00	0.184	0.24	0.100	0.13	0.11
1	DSI1	Body-Worn	NR n5	167300	836.5	50@25	Front	15mm	\	\	22.82	24.00	0.105	0.14	0.076	0.10	-0.01
1	DSI1	Body-Worn	NR n5	167300	836.5	50@25	Rear	15mm	\	\	22.82	24.00	0.132	0.17	0.082	0.11	0.00

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	DSI2	Head	NR n5	167300	836.5	50@25	Left Cheek	0mm	\	\	22.94	24.20	0.110	0.15	0.080	0.11	0.03
0	DSI2	Head	NR n5	167300	836.5	50@25	Left Tilt	0mm	\	\	22.94	24.20	0.065	0.09	0.048	0.06	-0.19
0	DSI2	Head	NR n5	167300	836.5	50@25	Right Cheek	0mm	\	\	22.94	24.20	0.094	0.13	0.066	0.09	-0.18
0	DSI2	Head	NR n5	167300	836.5	50@25	Right Tilt	0mm	\	\	22.94	24.20	0.052	0.07	0.039	0.05	0.04
0	DSI1	Hotspot	NR n5	167300	836.5	50@25	Front	10mm	\	\	22.94	24.20	0.123	0.16	0.077	0.10	0.01
0	DSI1	Hotspot	NR n5	167300	836.5	50@25	Rear	10mm	\	\	22.94	24.20	0.175	0.23	0.107	0.14	0.03
0	DSI1	Hotspot	NR n5	167300	836.5	50@25	Left	10mm	\	\	22.94	24.20	0.108	0.14	0.071	0.10	-0.02
0	DSI1	Hotspot	NR n5	167300	836.5	50@25	Bottom	10mm	\	\	22.94	24.20	0.160	0.21	0.087	0.12	0.15
0	DSI1	Body-Worn	NR n5	167300	836.5	50@25	Front	15mm	\	\	22.94	24.20	0.086	0.11	0.062	0.08	0.05
0	DSI1	Body-Worn	NR n5	167300	836.5	50@25	Rear	15mm	\	\	22.94	24.20	0.093	0.12	0.059	0.08	0.01

Table 13.16: NR n7 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	NR n7	507000	2535.0	108@54	Left Cheek	0mm	\	\	16.77	17.90	0.286	0.37	0.159	0.21	0.01
1	DSI2	Head	NR n7	507000	2535.0	108@54	Left Tilt	0mm	\	\	16.77	17.90	0.318	0.41	0.163	0.21	-0.14
1	DSI2	Head	NR n7	507000	2535.0	108@54	Right Cheek	0mm	\	31	16.77	17.90	0.808	1.05	0.342	0.44	-0.03
1	DSI2	Head	NR n7	507000	2535.0	108@54	Right Tilt	0mm	\	\	16.77	17.90	0.418	0.54	0.193	0.25	-0.05
1	DSI2	Head	NR n7	510000	2550.0	108@54	Right Cheek	0mm	\	\	16.76	17.90	0.763	0.99	0.356	0.46	-0.03
1	DSI2	Head	NR n7	504000	2520.0	108@54	Right Cheek	0mm	\	\	16.75	17.90	0.730	0.95	0.339	0.44	-0.04
1	DSI4	Head	NR n7	507000	2535.0	108@54	Left Cheek	0mm	\	\	15.83	16.90	0.219	0.28	0.124	0.16	-0.11
1	DSI4	Head	NR n7	507000	2535.0	108@54	Left Tilt	0mm	\	\	15.83	16.90	0.244	0.31	0.127	0.16	-0.14
1	DSI4	Head	NR n7	507000	2535.0	108@54	Right Cheek	0mm	\	\	15.83	16.90	0.620	0.79	0.267	0.34	0.16
1	DSI4	Head	NR n7	507000	2535.0	108@54	Right Tilt	0mm	\	\	15.83	16.90	0.321	0.41	0.151	0.19	0.15
1	DSI1	Hotspot	NR n7	507000	2535.0	108@54	Front	10mm	\	\	21.62	22.70	0.510	0.65	0.251	0.32	-0.12
1	DSI1	Hotspot	NR n7	507000	2535.0	108@54	Rear	10mm	\	\	21.62	22.70	0.558	0.72	0.273	0.35	-0.01
1	DSI1	Hotspot	NR n7	507000	2535.0	108@54	Left	10mm	\	32	21.62	22.70	0.701	0.90	0.331	0.42	0.15
1	DSI1	Hotspot	NR n7	507000	2535.0	108@54	Top	10mm	\	\	21.62	22.70	0.387	0.50	0.199	0.26	-0.10
1	DSI1	Hotspot	NR n7	510000	2550.0	108@54	Left	10mm	\	\	21.61	22.70	0.617	0.79	0.289	0.37	0.12
1	DSI1	Hotspot	NR n7	504000	2520.0	108@54	Left	10mm	\	\	21.58	22.70	0.574	0.74	0.275	0.36	0.01
1	DSI3	Hotspot	NR n7	507000	2535.0	108@54	Front	10mm	\	\	20.62	21.70	0.440	0.56	0.215	0.28	0.12
1	DSI3	Hotspot	NR n7	507000	2535.0	108@54	Rear	10mm	\	\	20.62	21.70	0.482	0.62	0.234	0.30	0.12
1	DSI3	Hotspot	NR n7	507000	2535.0	108@54	Left	10mm	\	\	20.62	21.70	0.605	0.78	0.284	0.36	0.14
1	DSI3	Hotspot	NR n7	507000	2535.0	108@54	Top	10mm	\	\	20.62	21.70	0.334	0.43	0.171	0.22	-0.02
1	DSI1	Body-Worn	NR n7	507000	2535.0	108@54	Front	15mm	\	\	21.62	22.70	0.248	0.32	0.128	0.16	-0.09
1	DSI1	Body-Worn	NR n7	507000	2535.0	108@54	Rear	15mm	\	\	21.62	22.70	0.252	0.32	0.132	0.17	0.12

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	DSI2	Head	NR n7	507000	2535.0	108@54	Left Cheek	0mm	\	\	22.74	23.70	0.094	0.12	0.051	0.06	-0.14
4	DSI2	Head	NR n7	507000	2535.0	108@54	Left Tilt	0mm	\	\	22.74	23.70	0.070	0.09	0.036	0.05	-0.09
4	DSI2	Head	NR n7	507000	2535.0	108@54	Right Cheek	0mm	\	\	22.74	23.70	0.060	0.07	0.034	0.04	-0.07
4	DSI2	Head	NR n7	507000	2535.0	108@54	Right Tilt	0mm	\	\	22.74	23.70	<0.01	<0.01	<0.01	<0.01	\
4	DSI1	Hotspot	NR n7	507000	2535.0	108@54	Front	10mm	\	\	20.12	21.10	0.231	0.29	0.124	0.16	0.05
4	DSI1	Hotspot	NR n7	507000	2535.0	108@54	Rear	10mm	\	\	20.12	21.10	0.297	0.37	0.161	0.20	0.09
4	DSI1	Hotspot	NR n7	507000	2535.0	108@54	Right	10mm	\	\	20.12	21.10	0.152	0.19	0.072	0.09	0.11
4	DSI1	Hotspot	NR n7	507000	2535.0	108@54	Bottom	10mm	\	\	20.12	21.10	0.510	0.64	0.260	0.33	0.04
4	DSI3	Hotspot	NR n7	507000	2535.0	108@54	Front	10mm	\	\	18.71	19.70	0.168	0.21	0.091	0.11	-0.16
4	DSI3	Hotspot	NR n7	507000	2535.0	108@54	Rear	10mm	\	\	18.71	19.70	0.216	0.27	0.118	0.15	-0.06
4	DSI3	Hotspot	NR n7	507000	2535.0	108@54	Right	10mm	\	\	18.71	19.70	0.111	0.14	0.053	0.07	0.08
4	DSI3	Hotspot	NR n7	507000	2535.0	108@54	Bottom	10mm	\	\	18.71	19.70	0.371	0.47	0.191	0.24	0.09
4	DSI1	Body-Worn	NR n7	507000	2535.0	108@54	Front	15mm	\	\	20.12	21.10	0.133	0.17	0.074	0.09	-0.08
4	DSI1	Body-Worn	NR n7	507000	2535.0	108@54	Rear	15mm	\	\	20.12	21.10	0.177	0.22	0.101	0.13	0.01

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	DSI2	Head	NR n7	507000	2535.0	108@54	Left Cheek	0mm	\	\	18.27	19.40	0.413	0.54	0.207	0.27	0.18
5	DSI2	Head	NR n7	507000	2535.0	108@54	Left Tilt	0mm	\	\	18.27	19.40	0.088	0.11	0.044	0.06	-0.13
5	DSI2	Head	NR n7	507000	2535.0	108@54	Right Cheek	0mm	\	\	18.27	19.40	0.633	0.82	0.283	0.37	0.08
5	DSI2	Head	NR n7	507000	2535.0	108@54	Right Tilt	0mm	\	\	18.27	19.40	0.127	0.16	0.067	0.09	0.16
5	DSI2	Head	NR n7	510000	2550.0	108@54	Right Cheek	0mm	\	\	18.23	19.40	0.617	0.81	0.277	0.36	-0.14
5	DSI2	Head	NR n7	504000	2520.0	108@54	Right Cheek	0mm	\	\	18.18	19.40	0.592	0.78	0.266	0.35	0.01
5	DSI4	Head	NR n7	507000	2535.0	108@54	Left Cheek	0mm	\	\	15.29	16.40	0.199	0.26	0.100	0.13	-0.07
5	DSI4	Head	NR n7	507000	2535.0	108@54	Left Tilt	0mm	\	\	15.29	16.40	0.043	0.05	0.021	0.03	0.17
5	DSI4	Head	NR n7	507000	2535.0	108@54	Right Cheek	0mm	\	\	15.29	16.40	0.305	0.39	0.136	0.18	0.06
5	DSI4	Head	NR n7	507000	2535.0	108@54	Right Tilt	0mm	\	\	15.29	16.40	0.061	0.08	0.032	0.04	0.15
5	DSI1	Hotspot	NR n7	507000	2535.0	108@54	Front	10mm	\	\	20.25	21.40	0.270	0.35	0.139	0.18	0.05
5	DSI1	Hotspot	NR n7	507000	2535.0	108@54	Rear	10mm	\	\	20.25	21.40	0.399	0.52	0.197	0.26	0.07
5	DSI1	Hotspot	NR n7	507000	2535.0	108@54	Left	10mm	\	\	20.25	21.40	0.367	0.48	0.188	0.24	0.09
5	DSI1	Body-Worn	NR n7	507000	2535.0	108@54	Front	15mm	\	\	20.25	21.40	0.141	0.18	0.076	0.10	0.12
5	DSI1	Body-Worn	NR n7	507000	2535.0	108@54	Rear	15mm	\	\	20.25	21.40	0.182	0.24	0.096	0.12	0.05

Table 13.17: NR n38 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	NR n38	519000	2595.0	50@25	Left Cheek	0mm	\	\	16.42	17.60	0.372	0.49	0.195	0.26	0.06
1	DSI2	Head	NR n38	519000	2595.0	50@25	Left Tilt	0mm	\	\	16.42	17.60	0.326	0.43	0.168	0.22	0.13
1	DSI2	Head	NR n38	519000	2595.0	50@25	Right Cheek	0mm	\	\	16.42	17.60	0.701	0.92	0.336	0.44	0.06
1	DSI2	Head	NR n38	519000	2595.0	50@25	Right Tilt	0mm	\	\	16.42	17.60	0.463	0.61	0.222	0.29	-0.12
1	DSI2	Head	NR n38	520000	2600.0	50@25	Right Cheek	0mm	\	\	16.41	17.60	0.794	1.04	0.337	0.44	0.01
1	DSI2	Head	NR n38	518000	2590.0	50@25	Right Cheek	0mm	\	\	16.39	17.60	0.736	0.97	0.351	0.46	0.15
1	DSI4	Head	NR n38	519000	2595.0	50@25	Left Cheek	0mm	\	\	15.40	16.60	0.281	0.37	0.147	0.19	-0.17
1	DSI4	Head	NR n38	519000	2595.0	50@25	Left Tilt	0mm	\	\	15.40	16.60	0.246	0.32	0.127	0.17	0.10
1	DSI4	Head	NR n38	519000	2595.0	50@25	Right Cheek	0mm	\	\	15.40	16.60	0.529	0.70	0.253	0.33	-0.05
1	DSI4	Head	NR n38	519000	2595.0	50@25	Right Tilt	0mm	\	\	15.40	16.60	0.351	0.46	0.167	0.22	0.09
1	DSI4	Head	NR n38	520000	2600.0	50@25	Right Cheek	0mm	\	\	15.39	16.60	0.600	0.79	0.254	0.34	-0.06
1	DSI4	Head	NR n38	518000	2590.0	50@25	Right Cheek	0mm	\	\	15.37	16.60	0.556	0.74	0.265	0.35	0.15
1	DSI1	Hotspot	NR n38	519000	2595.0	50@25	Front	10mm	\	\	19.67	20.80	0.321	0.42	0.157	0.20	0.08
1	DSI1	Hotspot	NR n38	519000	2595.0	50@25	Rear	10mm	\	\	19.67	20.80	0.311	0.40	0.152	0.20	0.18
1	DSI1	Hotspot	NR n38	519000	2595.0	50@25	Left	10mm	\	\	19.67	20.80	0.440	0.57	0.204	0.26	-0.06
1	DSI1	Hotspot	NR n38	519000	2595.0	50@25	Top	10mm	\	\	19.67	20.80	0.221	0.29	0.115	0.15	0.08
1	DSI1	Body-Worn	NR n38	519000	2595.0	50@25	Front	15mm	\	\	19.67	20.80	0.166	0.22	0.085	0.11	-0.08
1	DSI1	Body-Worn	NR n38	519000	2595.0	50@25	Rear	15mm	\	\	19.67	20.80	0.148	0.19	0.083	0.11	-0.02

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	DSI2	Head	NR n38	519000	2595.0	50@25	Left Cheek	0mm	\	\	23.12	24.20	0.111	0.14	0.059	0.08	-0.03
4	DSI2	Head	NR n38	519000	2595.0	50@25	Left Tilt	0mm	\	\	23.12	24.20	0.082	0.10	0.043	0.05	0.10
4	DSI2	Head	NR n38	519000	2595.0	50@25	Right Cheek	0mm	\	\	23.12	24.20	0.092	0.12	0.058	0.07	0.05
4	DSI2	Head	NR n38	519000	2595.0	50@25	Right Tilt	0mm	\	\	23.12	24.20	0.069	0.09	0.026	0.03	-0.08
4	DSI1	Hotspot	NR n38	519000	2595.0	50@25	Front	10mm	\	\	20.01	21.00	0.265	0.33	0.143	0.18	-0.05
4	DSI1	Hotspot	NR n38	519000	2595.0	50@25	Rear	10mm	\	\	20.01	21.00	0.363	0.46	0.194	0.24	0.11
4	DSI1	Hotspot	NR n38	519000	2595.0	50@25	Right	10mm	\	\	20.01	21.00	0.129	0.16	0.062	0.08	0.05
4	DSI1	Hotspot	NR n38	519000	2595.0	50@25	Bottom	10mm	\	\	20.01	21.00	0.597	0.75	0.301	0.38	0.06
4	DSI3	Hotspot	NR n38	519000	2595.0	50@25	Front	10mm	\	\	18.72	19.70	0.190	0.24	0.103	0.13	0.05
4	DSI3	Hotspot	NR n38	519000	2595.0	50@25	Rear	10mm	\	\	18.72	19.70	0.261	0.33	0.140	0.18	0.18
4	DSI3	Hotspot	NR n38	519000	2595.0	50@25	Right	10mm	\	\	18.72	19.70	0.093	0.12	0.045	0.06	-0.07
4	DSI3	Hotspot	NR n38	519000	2595.0	50@25	Bottom	10mm	\	\	18.72	19.70	0.429	0.54	0.217	0.27	0.06
4	DSI1	Body-Worn	NR n38	519000	2595.0	50@25	Front	15mm	\	\	20.01	21.00	0.134	0.17	0.072	0.09	-0.09
4	DSI1	Body-Worn	NR n38	519000	2595.0	50@25	Rear	15mm	\	\	20.01	21.00	0.180	0.23	0.096	0.12	-0.03

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	DSI2	Head	NR n38	519000	2595.0	50@25	Left Cheek	0mm	\	\	19.05	20.10	0.676	0.86	0.330	0.42	-0.13
5	DSI2	Head	NR n38	519000	2595.0	50@25	Left Tilt	0mm	\	\	19.05	20.10	0.124	0.16	0.064	0.08	-0.02
5	DSI2	Head	NR n38	519000	2595.0	50@25	Right Cheek	0mm	\	33	19.05	20.10	0.929	1.18	0.408	0.52	0.07
5	DSI2	Head	NR n38	519000	2595.0	50@25	Right Tilt	0mm	\	\	19.05	20.10	0.185	0.24	0.093	0.12	0.11
5	DSI2	Head	NR n38	520000	2600.0	50@25	Right Cheek	0mm	\	\	19.04	20.10	0.900	1.15	0.391	0.50	-0.19
5	DSI2	Head	NR n38	518000	2590.0	50@25	Right Cheek	0mm	\	\	18.94	20.10	0.893	1.17	0.393	0.51	-0.12
5	DSI4	Head	NR n38	519000	2595.0	50@25	Left Cheek	0mm	\	\	18.05	19.10	0.527	0.67	0.256	0.33	-0.13
5	DSI4	Head	NR n38	519000	2595.0	50@25	Left Tilt	0mm	\	\	18.05	19.10	0.096	0.12	0.050	0.06	-0.05
5	DSI4	Head	NR n38	519000	2595.0	50@25	Right Cheek	0mm	\	\	18.05	19.10	0.724	0.92	0.316	0.40	0.09
5	DSI4	Head	NR n38	519000	2595.0	50@25	Right Tilt	0mm	\	\	18.05	19.10	0.144	0.18	0.072	0.09	0.13
5	DSI4	Head	NR n38	520000	2600.0	50@25	Right Cheek	0mm	\	\	17.99	19.10	0.701	0.91	0.303	0.39	0.02
5	DSI4	Head	NR n38	518000	2590.0	50@25	Right Cheek	0mm	\	\	18.04	19.10	0.696	0.89	0.305	0.39	0.15
5	DSI1	Hotspot	NR n38	519000	2595.0	50@25	Front	10mm	\	\	20.84	21.90	0.294	0.38	0.148	0.19	0.18
5	DSI1	Hotspot	NR n38	519000	2595.0	50@25	Rear	10mm	\	34	20.84	21.90	0.443	0.57	0.215	0.27	-0.17
5	DSI1	Hotspot	NR n38	519000	2595.0	50@25	Left	10mm	\	\	20.84	21.90	0.378	0.48	0.204	0.26	0.05
5	DSI1	Body-Worn	NR n38	519000	2595.0	50@25	Front	15mm	\	\	20.84	21.90	0.151	0.19	0.080	0.10	0.19
5	DSI1	Body-Worn	NR n38	519000	2595.0	50@25	Rear	15mm	\	\	20.84	21.90	0.186	0.24	0.097	0.12	-0.11

Table 13.18: NR n41 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	NR n41	518598	2593.0	135@67	Left Cheek	0mm	\	\	16.49	17.60	0.346	0.45	0.182	0.24	0.07
1	DSI2	Head	NR n41	518598	2593.0	135@67	Left Tilt	0mm	\	\	16.49	17.60	0.298	0.38	0.154	0.20	-0.06
1	DSI2	Head	NR n41	518598	2593.0	135@67	Right Cheek	0mm	\	\	16.49	17.60	0.712	0.92	0.337	0.44	-0.15
1	DSI2	Head	NR n41	518598	2593.0	135@67	Right Tilt	0mm	\	\	16.49	17.60	0.471	0.61	0.221	0.29	0.08
1	DSI2	Head	NR n41	528000	2640.0	135@67	Right Cheek	0mm	\	\	16.48	17.60	0.714	0.92	0.318	0.41	-0.09
1	DSI2	Head	NR n41	509202	2546.0	135@67	Right Cheek	0mm	\	\	16.46	17.60	0.710	0.92	0.330	0.43	-0.06
1	DSI4	Head	NR n41	518598	2593.0	135@67	Left Cheek	0mm	\	\	15.43	16.60	0.279	0.37	0.145	0.19	0.04
1	DSI4	Head	NR n41	518598	2593.0	135@67	Left Tilt	0mm	\	\	15.43	16.60	0.241	0.32	0.123	0.16	0.19
1	DSI4	Head	NR n41	518598	2593.0	135@67	Right Cheek	0mm	\	\	15.43	16.60	0.574	0.75	0.269	0.35	-0.03
1	DSI4	Head	NR n41	518598	2593.0	135@67	Right Tilt	0mm	\	\	15.43	16.60	0.379	0.50	0.177	0.23	-0.19
1	DSI4	Head	NR n41	528000	2640.0	135@67	Right Cheek	0mm	\	\	15.42	16.60	0.576	0.76	0.254	0.33	-0.15
1	DSI4	Head	NR n41	509202	2546.0	135@67	Right Cheek	0mm	\	\	15.35	16.60	0.573	0.76	0.264	0.35	0.10
1	DSI1	Hotspot	NR n41	518598	2593.0	135@67	Front	10mm	\	\	18.48	19.60	0.241	0.31	0.116	0.15	-0.07
1	DSI1	Hotspot	NR n41	518598	2593.0	135@67	Rear	10mm	\	\	18.48	19.60	0.226	0.29	0.113	0.15	0.05
1	DSI1	Hotspot	NR n41	518598	2593.0	135@67	Left	10mm	\	\	18.48	19.60	0.316	0.41	0.145	0.19	0.16
1	DSI1	Hotspot	NR n41	518598	2593.0	135@67	Top	10mm	\	\	18.48	19.60	0.155	0.20	0.081	0.10	0.19
1	DSI1	Body-Worn	NR n41	518598	2593.0	135@67	Front	15mm	\	\	18.48	19.60	0.115	0.15	0.059	0.08	0.06
1	DSI1	Body-Worn	NR n41	518598	2593.0	135@67	Rear	15mm	\	\	18.48	19.60	0.104	0.13	0.053	0.07	0.18

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	DSI2	Head	NR n41	518598	2593.0	135@67	Left Cheek	0mm	\	\	23.07	24.20	0.113	0.15	0.060	0.08	-0.19
4	DSI2	Head	NR n41	518598	2593.0	135@67	Left Tilt	0mm	\	\	23.07	24.20	0.085	0.11	0.044	0.06	0.04
4	DSI2	Head	NR n41	518598	2593.0	135@67	Right Cheek	0mm	\	\	23.07	24.20	0.112	0.15	0.059	0.08	-0.15
4	DSI2	Head	NR n41	518598	2593.0	135@67	Right Tilt	0mm	\	\	23.07	24.20	0.045	0.06	0.024	0.03	0.13
4	DSI1	Hotspot	NR n41	518598	2593.0	135@67	Front	10mm	\	\	19.39	20.60	0.218	0.29	0.117	0.15	0.05
4	DSI1	Hotspot	NR n41	518598	2593.0	135@67	Rear	10mm	\	\	19.39	20.60	0.299	0.40	0.161	0.21	0.07
4	DSI1	Hotspot	NR n41	518598	2593.0	135@67	Right	10mm	\	\	19.39	20.60	0.097	0.13	0.048	0.06	0.01
4	DSI1	Hotspot	NR n41	518598	2593.0	135@67	Bottom	10mm	\	36	19.39	20.60	0.488	0.64	0.247	0.33	0.01
4	DSI3	Hotspot	NR n41	518598	2593.0	135@67	Front	10mm	\	\	17.97	19.20	0.167	0.22	0.090	0.12	0.11
4	DSI3	Hotspot	NR n41	518598	2593.0	135@67	Rear	10mm	\	\	17.97	19.20	0.229	0.30	0.123	0.16	-0.12
4	DSI3	Hotspot	NR n41	518598	2593.0	135@67	Right	10mm	\	\	17.97	19.20	0.074	0.10	0.037	0.05	0.08
4	DSI3	Hotspot	NR n41	518598	2593.0	135@67	Bottom	10mm	\	\	17.97	19.20	0.374	0.50	0.189	0.25	0.09
4	DSI1	Body-Worn	NR n41	518598	2593.0	135@67	Front	15mm	\	\	19.39	20.60	0.101	0.13	0.054	0.07	-0.09
4	DSI1	Body-Worn	NR n41	518598	2593.0	135@67	Rear	15mm	\	\	19.39	20.60	0.158	0.21	0.088	0.12	0.05

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	DSI2	Head	NR n41	518598	2593.0	135@67	Left Cheek	0mm	\	\	18.42	19.70	0.576	0.77	0.276	0.37	-0.01
5	DSI2	Head	NR n41	518598	2593.0	135@67	Left Tilt	0mm	\	\	18.42	19.70	0.107	0.14	0.056	0.08	-0.17
5	DSI2	Head	NR n41	518598	2593.0	135@67	Right Cheek	0mm	\	35	18.42	19.70	0.746	1.00	0.326	0.44	0.11
5	DSI2	Head	NR n41	518598	2593.0	135@67	Right Tilt	0mm	\	\	18.42	19.70	0.166	0.22	0.084	0.11	0.09
5	DSI2	Head	NR n41	528000	2640.0	135@67	Right Cheek	0mm	\	\	18.23	19.70	0.585	0.82	0.257	0.36	0.03
5	DSI2	Head	NR n41	509202	2546.0	135@67	Right Cheek	0mm	\	\	18.40	19.70	0.743	1.00	0.324	0.44	-0.08
5	DSI4	Head	NR n41	518598	2593.0	135@67	Left Cheek	0mm	\	\	17.46	18.70	0.414	0.55	0.201	0.27	0.07
5	DSI4	Head	NR n41	518598	2593.0	135@67	Left Tilt	0mm	\	\	17.46	18.70	0.077	0.10	0.041	0.05	0.08
5	DSI4	Head	NR n41	518598	2593.0	135@67	Right Cheek	0mm	\	\	17.46	18.70	0.536	0.71	0.238	0.32	0.07
5	DSI4	Head	NR n41	518598	2593.0	135@67	Right Tilt	0mm	\	\	17.46	18.70	0.119	0.16	0.061	0.08	-0.13
5	DSI4	Head	NR n41	528000	2640.0	135@67	Right Cheek	0mm	\	\	17.24	18.70	0.420	0.59	0.188	0.26	0.16
5	DSI4	Head	NR n41	509202	2546.0	135@67	Right Cheek	0mm	\	\	17.44	18.70	0.534	0.71	0.237	0.32	-0.15
5	DSI1	Hotspot	NR n41	518598	2593.0	135@67	Front	10mm	\	\	20.29	21.50	0.249	0.33	0.126	0.17	0.10
5	DSI1	Hotspot	NR n41	518598	2593.0	135@67	Rear	10mm	\	\	20.29	21.50	0.375	0.50	0.185	0.24	-0.09
5	DSI1	Hotspot	NR n41	518598	2593.0	135@67	Left	10mm	\	\	20.29	21.50	0.341	0.45	0.183	0.24	-0.12
5	DSI1	Body-Worn	NR n41	518598	2593.0	135@67	Front	15mm	\	\	20.29	21.50	0.130	0.17	0.069	0.09	-0.15
5	DSI1	Body-Worn	NR n41	518598	2593.0	135@67	Rear	15mm	\	\	20.29	21.50	0.172	0.23	0.090	0.12	-0.03

Table 13.19: NR n66 SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	DSI2	Head	NR n66	349000	1745.0	108@54	Left Cheek	0mm	\	\	15.91	17.10	0.262	0.34	0.176	0.23	-0.02
1	DSI2	Head	NR n66	349000	1745.0	108@54	Left Tilt	0mm	\	\	15.91	17.10	0.275	0.36	0.170	0.22	0.16
1	DSI2	Head	NR n66	349000	1745.0	108@54	Right Cheek	0mm	\	\	15.91	17.10	0.550	0.72	0.298	0.39	0.08
1	DSI2	Head	NR n66	349000	1745.0	108@54	Right Tilt	0mm	\	\	15.91	17.10	0.319	0.42	0.175	0.23	-0.15
1	DSI4	Head	NR n66	349000	1745.0	108@54	Left Cheek	0mm	\	\	14.93	16.10	0.209	0.27	0.139	0.18	0.06
1	DSI4	Head	NR n66	349000	1745.0	108@54	Left Tilt	0mm	\	\	14.93	16.10	0.219	0.29	0.135	0.18	-0.14
1	DSI4	Head	NR n66	349000	1745.0	108@54	Right Cheek	0mm	\	\	14.93	16.10	0.437	0.57	0.236	0.31	0.14
1	DSI4	Head	NR n66	349000	1745.0	108@54	Right Tilt	0mm	\	\	14.93	16.10	0.253	0.33	0.138	0.18	-0.12
1	DSI1	Hotspot	NR n66	349000	1745.0	108@54	Front	10mm	\	\	21.43	22.60	0.363	0.48	0.211	0.28	-0.17
1	DSI1	Hotspot	NR n66	349000	1745.0	108@54	Rear	10mm	\	\	21.43	22.60	0.577	0.76	0.318	0.42	0.13
1	DSI1	Hotspot	NR n66	349000	1745.0	108@54	Left	10mm	\	\	21.43	22.60	0.292	0.38	0.144	0.19	0.12
1	DSI1	Hotspot	NR n66	349000	1745.0	108@54	Top	10mm	\	\	21.43	22.60	0.608	0.80	0.344	0.45	0.17
1	DSI1	Hotspot	NR n66	352000	1760.0	108@54	Top	10mm	\	\	21.40	22.60	0.574	0.76	0.324	0.43	-0.14
1	DSI1	Hotspot	NR n66	346000	1730.0	108@54	Top	10mm	\	\	21.39	22.60	0.569	0.75	0.323	0.43	0.02
1	DSI3	Hotspot	NR n66	349000	1745.0	108@54	Front	10mm	\	\	20.01	21.20	0.270	0.36	0.158	0.21	0.17
1	DSI3	Hotspot	NR n66	349000	1745.0	108@54	Rear	10mm	\	\	20.01	21.20	0.429	0.56	0.238	0.31	-0.12
1	DSI3	Hotspot	NR n66	349000	1745.0	108@54	Left	10mm	\	\	20.01	21.20	0.217	0.29	0.108	0.14	-0.08
1	DSI3	Hotspot	NR n66	349000	1745.0	108@54	Top	10mm	\	\	20.01	21.20	0.452	0.59	0.257	0.34	-0.08
1	DSI1	Body-Worn	NR n66	349000	1745.0	108@54	Front	15mm	\	\	21.43	22.60	0.187	0.24	0.111	0.15	0.02
1	DSI1	Body-Worn	NR n66	349000	1745.0	108@54	Rear	15mm	\	\	21.43	22.60	0.269	0.35	0.161	0.21	-0.04

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
4	DSI2	Head	NR n66	349000	1745.0	108@54	Left Cheek	0mm	\	\	22.76	24.20	0.124	0.17	0.078	0.11	0.01
4	DSI2	Head	NR n66	349000	1745.0	108@54	Left Tilt	0mm	\	\	22.76	24.20	0.052	0.07	0.032	0.04	0.14
4	DSI2	Head	NR n66	349000	1745.0	108@54	Right Cheek	0mm	\	\	22.76	24.20	0.092	0.13	0.057	0.08	0.08
4	DSI2	Head	NR n66	349000	1745.0	108@54	Right Tilt	0mm	\	\	22.76	24.20	0.059	0.08	0.038	0.05	-0.15
4	DSI1	Hotspot	NR n66	349000	1745.0	108@54	Front	10mm	\	\	20.74	22.20	0.252	0.35	0.145	0.20	-0.08
4	DSI1	Hotspot	NR n66	349000	1745.0	108@54	Rear	10mm	\	\	20.74	22.20	0.338	0.47	0.208	0.29	-0.11
4	DSI1	Hotspot	NR n66	349000	1745.0	108@54	Right	10mm	\	\	20.74	22.20	0.147	0.21	0.082	0.11	0.09
4	DSI1	Hotspot	NR n66	349000	1745.0	108@54	Bottom	10mm	\	\	20.74	22.20	0.563	0.79	0.316	0.44	0.02
4	DSI3	Hotspot	NR n66	349000	1745.0	108@54	Front	10mm	\	\	19.51	21.00	0.182	0.26	0.105	0.15	0.05
4	DSI3	Hotspot	NR n66	349000	1745.0	108@54	Rear	10mm	\	\	19.51	21.00	0.244	0.34	0.151	0.21	-0.09
4	DSI3	Hotspot	NR n66	349000	1745.0	108@54	Right	10mm	\	\	19.51	21.00	0.106	0.15	0.059	0.08	-0.17
4	DSI3	Hotspot	NR n66	349000	1745.0	108@54	Bottom	10mm	\	\	19.51	21.00	0.407	0.57	0.229	0.32	0.03
4	DSI1	Body-Worn	NR n66	349000	1745.0	108@54	Front	15mm	\	\	20.74	22.20	0.124	0.17	0.072	0.10	0.02
4	DSI1	Body-Worn	NR n66	349000	1745.0	108@54	Rear	15mm	\	\	20.74	22.20	0.182	0.25	0.111	0.16	0.10

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
5	DSI2	Head	NR n66	349000	1745.0	108@54	Left Cheek	0mm	\	\	19.63	20.60	0.509	0.64	0.252	0.32	0.13
5	DSI2	Head	NR n66	349000	1745.0	108@54	Left Tilt	0mm	\	\	19.63	20.60	0.115	0.14	0.064	0.08	0.04
5	DSI2	Head	NR n66	349000	1745.0	108@54	Right Cheek	0mm	\	\	19.63	20.60	0.884	1.11	0.397	0.50	0.09
5	DSI2	Head	NR n66	349000	1745.0	108@54	Right Tilt	0mm	\	\	19.63	20.60	0.167	0.21	0.091	0.11	-0.12
5	DSI2	Head	NR n66	352000	1760.0	108@54	Right Cheek	0mm	\	\	19.62	20.60	0.902	1.13	0.404	0.51	-0.16
5	DSI2	Head	NR n66	346000	1730.0	108@54	Right Cheek	0mm	\	37	19.59	20.60	0.934	1.18	0.422	0.53	0.09
5	DSI4	Head	NR n66	349000	1745.0	108@54	Left Cheek	0mm	\	\	18.61	19.60	0.399	0.50	0.197	0.25	0.08
5	DSI4	Head	NR n66	349000	1745.0	108@54	Left Tilt	0mm	\	\	18.61	19.60	0.090	0.11	0.050	0.06	-0.09
5	DSI4	Head	NR n66	349000	1745.0	108@54	Right Cheek	0mm	\	\	18.61	19.60	0.695	0.87	0.311	0.39	-0.12
5	DSI4	Head	NR n66	349000	1745.0	108@54	Right Tilt	0mm	\	\	18.61	19.60	0.132	0.17	0.071	0.09	-0.03
5	DSI4	Head	NR n66	352000	1760.0	108@54	Right Cheek	0mm	\	\	18.58	19.60	0.709	0.90	0.316	0.40	0.11
5	DSI4	Head	NR n66	346000	1730.0	108@54	Right Cheek	0mm	\	\	18.56	19.60	0.734	0.93	0.330	0.42	0.15
5	DSI1	Hotspot	NR n66	349000	1745.0	108@54	Front	10mm	\	\	20.84	21.80	0.285	0.36	0.143	0.18	-0.14
5	DSI1	Hotspot	NR n66	349000	1745.0	108@54	Rear	10mm	\	\	20.84	21.80	0.374	0.47	0.193	0.24	0.08
5	DSI1	Hotspot	NR n66	349000	1745.0	108@54	Left	10mm	\	\	20.84	21.80	0.676	0.84	0.336	0.42	0.16
5	DSI1	Hotspot	NR n66	352000	1760.0	108@54	Left	10mm	\	\	20.83	21.80	0.708	0.89	0.342	0.43	-0.07
5	DSI1	Hotspot	NR n66	346000	1730.0	108@54	Left	10mm	\	38	20.78	21.80	0.714	0.90	0.356	0.45	-0.02
5	DSI3	Hotspot	NR n66	349000	1745.0	108@54	Front	10mm	\	\	19.63	20.60	0.236	0.30	0.118	0.15	-0.01
5	DSI3	Hotspot	NR n66	349000	1745.0	108@54	Rear	10mm	\	\	19.63	20.60	0.300	0.38	0.157	0.20	-0.04
5	DSI3	Hotspot	NR n66	349000	1745.0	108@54	Left	10mm	\	\	19.63	20.60	0.587	0.73	0.288	0.36	-0.05
5	DSI1	Body-Worn	NR n66	349000	1745.0	108@54	Front	15mm	\	\	20.84	21.80	0.137	0.17	0.073	0.09	-0.09
5	DSI1	Body-Worn	NR n66	349000	1745.0	108@54	Rear	15mm	\	\	20.84	21.80	0.181	0.23	0.102	0.13	0.14

13.4. Test Results for Bluetooth

Table 13.20: Bluetooth SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
12	C1/C2	Head	Bluetooth	39	2441.0	GFSK	Left Cheek	0mm	\	\	12.67	14.50	0.072	0.11	0.034	0.05	-0.18
12	C1/C2	Head	Bluetooth	39	2441.0	GFSK	Left Tilt	0mm	\	39	12.67	14.50	0.115	0.18	0.047	0.07	0.06
12	C1/C2	Head	Bluetooth	39	2441.0	GFSK	Right Cheek	0mm	\	\	12.67	14.50	0.037	0.06	0.019	0.03	0.09
12	C1/C2	Head	Bluetooth	39	2441.0	GFSK	Right Tilt	0mm	\	\	12.67	14.50	0.036	0.05	0.019	0.03	0.07
12	D1/D2	Hotspot	Bluetooth	39	2441.0	GFSK	Front	10mm	\	\	12.67	14.50	0.019	0.03	0.010	0.01	0.02
12	D1/D2	Hotspot	Bluetooth	39	2441.0	GFSK	Rear	10mm	\	\	12.67	14.50	0.035	0.05	0.017	0.03	0.08
12	D1/D2	Hotspot	Bluetooth	39	2441.0	GFSK	Right	10mm	\	\	12.67	14.50	<0.01	<0.01	<0.01	<0.01	\
12	D1/D2	Hotspot	Bluetooth	39	2441.0	GFSK	Top	10mm	\	40	12.67	14.50	0.040	0.06	0.018	0.03	0.06
12	D1/D2	Body-Worn	Bluetooth	39	2441.0	GFSK	Front	15mm	\	\	12.67	14.50	<0.01	<0.01	<0.01	<0.01	\
12	D1/D2	Body-Worn	Bluetooth	39	2441.0	GFSK	Rear	15mm	\	\	12.67	14.50	0.017	0.03	0.008	0.01	0.09
2	C1/C2	Head	Bluetooth	39	2441.0	GFSK	Left Cheek	0mm	\	\	12.69	14.50	0.014	0.02	0.005	0.01	0.07
2	C1/C2	Head	Bluetooth	39	2441.0	GFSK	Left Tilt	0mm	\	\	12.69	14.50	<0.01	<0.01	<0.01	<0.01	\
2	C1/C2	Head	Bluetooth	39	2441.0	GFSK	Right Cheek	0mm	\	\	12.69	14.50	0.044	0.07	0.015	0.02	0.06
2	C1/C2	Head	Bluetooth	39	2441.0	GFSK	Right Tilt	0mm	\	\	12.69	14.50	<0.01	<0.01	<0.01	<0.01	\
2	D1/D2	Hotspot	Bluetooth	39	2441.0	GFSK	Front	10mm	\	\	12.69	14.50	<0.01	<0.01	<0.01	<0.01	\
2	D1/D2	Hotspot	Bluetooth	39	2441.0	GFSK	Rear	10mm	\	\	12.69	14.50	0.017	0.03	0.004	0.01	-0.09
2	D1/D2	Hotspot	Bluetooth	39	2441.0	GFSK	Left	10mm	\	\	12.69	14.50	<0.01	<0.01	<0.01	<0.01	\
2	D1/D2	Body-Worn	Bluetooth	39	2441.0	GFSK	Front	15mm	\	\	12.69	14.50	<0.01	<0.01	<0.01	<0.01	\
2	D1/D2	Body-Worn	Bluetooth	39	2441.0	GFSK	Rear	15mm	\	\	12.69	14.50	0.009	0.01	0.003	0.01	0.05

13.5. WLAN Evaluation for 2.4GHz

According to the KDB248227 D01, SAR is measured for 2.4GHz 802.11b DSSS using the initial test position procedure.

Table 13.21: WLAN 2.4GHz SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Model/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
12	C1	Head	WLAN 2.4GHz	1	2412.0	802.11b	Left Cheek	0mm	\	\	16.60	18.00	0.641	0.88	0.298	0.41	-0.03
12	C1	Head	WLAN 2.4GHz	1	2412.0	802.11b	Left Tilt	0mm	\	41	16.60	18.00	0.698	0.96	0.299	0.41	0.08
12	C1	Head	WLAN 2.4GHz	1	2412.0	802.11b	Right Cheek	0mm	\	\	16.60	18.00	0.355	0.49	0.172	0.24	0.10
12	C1	Head	WLAN 2.4GHz	1	2412.0	802.11b	Right Tilt	0mm	\	\	16.60	18.00	0.304	0.42	0.161	0.22	0.02
12	C1	Head	WLAN 2.4GHz	11	2412.0	802.11b	Left Cheek	0mm	\	\	16.43	18.00	0.601	0.86	0.264	0.38	-0.11
12	C1	Head	WLAN 2.4GHz	11	2412.0	802.11b	Left Tilt	0mm	\	\	16.43	18.00	0.660	0.95	0.278	0.40	0.03
12	C2	Head	WLAN 2.4GHz	1	2412.0	802.11b	Left Cheek	0mm	\	\	13.91	15.50	0.334	0.48	0.155	0.22	-0.04
12	C2	Head	WLAN 2.4GHz	1	2412.0	802.11b	Left Tilt	0mm	\	\	13.91	15.50	0.364	0.52	0.156	0.22	0.11
12	C2	Head	WLAN 2.4GHz	1	2412.0	802.11b	Right Cheek	0mm	\	\	13.91	15.50	0.185	0.27	0.090	0.13	0.17
12	C2	Head	WLAN 2.4GHz	1	2412.0	802.11b	Right Tilt	0mm	\	\	13.91	15.50	0.159	0.23	0.084	0.12	0.15
12	D1	Hotspot	WLAN 2.4GHz	1	2412.0	802.11b	Front	10mm	\	\	17.58	19.00	0.171	0.24	0.085	0.12	-0.06
12	D1	Hotspot	WLAN 2.4GHz	1	2412.0	802.11b	Rear	10mm	\	\	17.58	19.00	0.310	0.43	0.146	0.20	0.14
12	D1	Hotspot	WLAN 2.4GHz	1	2412.0	802.11b	Right	10mm	\	\	17.58	19.00	0.060	0.08	0.033	0.05	0.02
12	D1	Hotspot	WLAN 2.4GHz	1	2412.0	802.11b	Top	10mm	\	42	17.58	19.00	0.362	0.50	0.169	0.23	0.03
12	D2	Hotspot	WLAN 2.4GHz	1	2412.0	802.11b	Front	10mm	\	\	14.65	16.00	0.082	0.11	0.040	0.05	-0.08
12	D2	Hotspot	WLAN 2.4GHz	1	2412.0	802.11b	Rear	10mm	\	\	14.65	16.00	0.148	0.20	0.069	0.09	-0.15
12	D2	Hotspot	WLAN 2.4GHz	1	2412.0	802.11b	Right	10mm	\	\	14.65	16.00	0.029	0.04	0.016	0.02	0.19
12	D2	Hotspot	WLAN 2.4GHz	1	2412.0	802.11b	Top	10mm	\	\	14.65	16.00	0.173	0.24	0.080	0.11	-0.04
12	D1/D2	Body-Worn	WLAN 2.4GHz	1	2412.0	802.11b	Front	15mm	\	\	17.58	19.00	0.075	0.10	0.040	0.06	0.02
12	D1/D2	Body-Worn	WLAN 2.4GHz	1	2412.0	802.11b	Rear	15mm	\	\	17.58	19.00	0.147	0.20	0.077	0.11	-0.07
2	C1	Head	WLAN 2.4GHz	11	2462.0	802.11b	Left Cheek	0mm	\	\	16.79	18.00	0.070	0.09	0.028	0.04	0.09
2	C1	Head	WLAN 2.4GHz	11	2462.0	802.11b	Left Tilt	0mm	\	\	16.79	18.00	0.022	0.03	0.009	0.01	0.02
2	C1	Head	WLAN 2.4GHz	11	2462.0	802.11b	Right Cheek	0mm	\	\	16.79	18.00	0.231	0.31	0.104	0.14	0.16
2	C1	Head	WLAN 2.4GHz	11	2462.0	802.11b	Right Tilt	0mm	\	\	16.79	18.00	0.025	0.03	0.012	0.02	0.07
2	C2	Head	WLAN 2.4GHz	11	2462.0	802.11b	Left Cheek	0mm	\	\	14.21	15.50	0.039	0.05	0.015	0.02	-0.13
2	C2	Head	WLAN 2.4GHz	11	2462.0	802.11b	Left Tilt	0mm	\	\	14.21	15.50	0.012	0.02	0.005	0.01	-0.15
2	C2	Head	WLAN 2.4GHz	11	2462.0	802.11b	Right Cheek	0mm	\	\	14.21	15.50	0.127	0.17	0.055	0.07	0.09
2	C2	Head	WLAN 2.4GHz	11	2462.0	802.11b	Right Tilt	0mm	\	\	14.21	15.50	0.014	0.02	0.006	0.01	0.12
2	D1	Hotspot	WLAN 2.4GHz	11	2462.0	802.11b	Front	10mm	\	\	17.62	19.00	0.173	0.24	0.079	0.11	-0.05
2	D1	Hotspot	WLAN 2.4GHz	11	2462.0	802.11b	Rear	10mm	\	\	17.62	19.00	0.154	0.21	0.074	0.10	-0.09
2	D1	Hotspot	WLAN 2.4GHz	11	2462.0	802.11b	Right	10mm	\	\	17.62	19.00	0.354	0.49	0.164	0.23	0.04
2	D2	Hotspot	WLAN 2.4GHz	11	2462.0	802.11b	Front	10mm	\	\	14.84	16.00	0.081	0.11	0.037	0.05	-0.11
2	D2	Hotspot	WLAN 2.4GHz	11	2462.0	802.11b	Rear	10mm	\	\	14.84	16.00	0.072	0.09	0.035	0.05	0.02
2	D2	Hotspot	WLAN 2.4GHz	11	2462.0	802.11b	Right	10mm	\	\	14.84	16.00	0.165	0.22	0.077	0.10	-0.16
2	D1/D2	Body-Worn	WLAN 2.4GHz	11	2462.0	802.11b	Front	15mm	\	\	17.62	19.00	0.049	0.07	0.027	0.04	0.03
2	D1/D2	Body-Worn	WLAN 2.4GHz	11	2462.0	802.11b	Rear	15mm	\	\	17.62	19.00	0.037	0.05	0.022	0.03	-0.17

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



According to the KDB248227 D01, the reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

WLAN 2.4GHz SAR Values - (Scaled Reported SAR)

Frequency		Test Position		Actual duty factor	Maximum duty factor	Reported SAR (1g)(W/kg)	Scaled reported SAR (1g)(W/kg)
Ch.	MHz						
1	2412.0	Head	Left Tilt	100%	100%	0.96	0.96
1	2412.0	Hotspot	Top	100%	100%	0.50	0.50
1	2412.0	Body-Worn	Rear	100%	100%	0.20	0.20

SAR is not required for OFDM because the 802.11b adjusted SAR ≤ 1.2 W/kg.

13.6. WLAN Evaluation for 5GHz

Table 13.22: WLAN 5GHz SAR Values

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
9	C1	Head	U-NII-2A	52	5260.0	802.11a	Left Cheek	0mm	\	\	13.33	14.60	0.487	0.65	0.157	0.21	-0.06
9	C1	Head	U-NII-2A	52	5260.0	802.11a	Left Tilt	0mm	\	\	13.33	14.60	0.650	0.87	0.199	0.27	0.01
9	C1	Head	U-NII-2A	52	5260.0	802.11a	Right Cheek	0mm	\	\	13.33	14.60	0.379	0.51	0.129	0.17	0.00
9	C1	Head	U-NII-2A	52	5260.0	802.11a	Right Tilt	0mm	\	\	13.33	14.60	0.282	0.38	0.102	0.14	0.16
9	C1	Head	U-NII-2A	64	5320.0	802.11a	Left Tilt	0mm	\	\	13.32	14.60	0.560	0.75	0.171	0.23	0.18
9	C1	Head	U-NII-2C	132	5660.0	802.11a	Left Cheek	0mm	\	43	16.86	18.60	0.748	1.12	0.202	0.30	0.04
9	C1	Head	U-NII-2C	132	5660.0	802.11a	Left Tilt	0mm	\	\	16.86	18.60	0.746	1.11	0.185	0.28	0.02
9	C1	Head	U-NII-2C	132	5660.0	802.11a	Right Cheek	0mm	\	\	16.86	18.60	0.232	0.35	0.067	0.10	-0.12
9	C1	Head	U-NII-2C	132	5660.0	802.11a	Right Tilt	0mm	\	\	16.86	18.60	0.392	0.59	0.118	0.18	0.05
9	C1	Head	U-NII-2C	124	5620.0	802.11a	Left Cheek	0mm	\	\	16.83	18.60	0.550	0.83	0.151	0.23	0.05
9	C1	Head	U-NII-2C	124	5620.0	802.11a	Left Tilt	0mm	\	\	16.83	18.60	0.549	0.83	0.138	0.21	0.02
9	C1	Head	U-NII-3	165	5825.0	802.11a	Left Cheek	0mm	\	\	12.85	14.10	0.488	0.65	0.136	0.18	0.07
9	C1	Head	U-NII-3	165	5825.0	802.11a	Left Tilt	0mm	\	\	12.85	14.10	0.449	0.60	0.111	0.15	-0.04
9	C1	Head	U-NII-3	165	5825.0	802.11a	Right Cheek	0mm	\	\	12.85	14.10	0.189	0.25	0.052	0.07	-0.03
9	C1	Head	U-NII-3	165	5825.0	802.11a	Right Tilt	0mm	\	\	12.85	14.10	0.220	0.29	0.054	0.07	-0.07
9	C2	Head	U-NII-2A	52	5260.0	802.11a	Left Cheek	0mm	\	\	11.45	12.60	0.285	0.37	0.092	0.12	-0.17
9	C2	Head	U-NII-2A	52	5260.0	802.11a	Left Tilt	0mm	\	\	11.45	12.60	0.380	0.50	0.117	0.15	0.12
9	C2	Head	U-NII-2A	52	5260.0	802.11a	Right Cheek	0mm	\	\	11.45	12.60	0.222	0.29	0.076	0.10	-0.01
9	C2	Head	U-NII-2A	52	5260.0	802.11a	Right Tilt	0mm	\	\	11.45	12.60	0.165	0.22	0.060	0.08	0.14
9	C2	Head	U-NII-2C	132	5660.0	802.11a	Left Cheek	0mm	\	\	10.50	12.10	0.098	0.14	0.026	0.04	0.09
9	C2	Head	U-NII-2C	132	5660.0	802.11a	Left Tilt	0mm	\	\	10.50	12.10	0.129	0.19	0.029	0.04	0.01
9	C2	Head	U-NII-2C	132	5660.0	802.11a	Right Cheek	0mm	\	\	10.50	12.10	0.040	0.06	0.011	0.02	0.19
9	C2	Head	U-NII-2C	132	5660.0	802.11a	Right Tilt	0mm	\	\	10.50	12.10	0.068	0.10	0.018	0.03	-0.11
9	C2	Head	U-NII-3	165	5825.0	802.11a	Left Cheek	0mm	\	\	11.35	12.60	0.334	0.45	0.092	0.12	0.06
9	C2	Head	U-NII-3	165	5825.0	802.11a	Left Tilt	0mm	\	\	11.35	12.60	0.308	0.41	0.075	0.10	0.17
9	C2	Head	U-NII-3	165	5825.0	802.11a	Right Cheek	0mm	\	\	11.35	12.60	0.129	0.17	0.035	0.05	-0.09
9	C2	Head	U-NII-3	165	5825.0	802.11a	Right Tilt	0mm	\	\	11.35	12.60	0.151	0.20	0.037	0.05	0.11
9	D1/D2	Hotspot	U-NII-1	44	5220.0	802.11a	Front	10mm	\	\	14.89	16.10	0.129	0.17	0.048	0.06	-0.02
9	D1/D2	Hotspot	U-NII-1	44	5220.0	802.11a	Rear	10mm	\	\	14.89	16.10	0.256	0.34	0.097	0.13	0.16
9	D1/D2	Hotspot	U-NII-1	44	5220.0	802.11a	Right	10mm	\	\	14.89	16.10	0.133	0.18	0.054	0.07	-0.13
9	D1/D2	Hotspot	U-NII-1	44	5220.0	802.11a	Top	10mm	\	44	14.89	16.10	0.556	0.73	0.190	0.25	-0.03
9	D1	Hotspot	U-NII-3	165	5825.0	802.11a	Front	10mm	\	\	15.80	17.10	0.143	0.19	0.052	0.07	0.14
9	D1	Hotspot	U-NII-3	165	5825.0	802.11a	Rear	10mm	\	\	15.80	17.10	0.486	0.66	0.166	0.22	-0.09
9	D1	Hotspot	U-NII-3	165	5825.0	802.11a	Right	10mm	\	\	15.80	17.10	0.206	0.28	0.089	0.12	0.06
9	D1	Hotspot	U-NII-3	165	5825.0	802.11a	Top	10mm	\	\	15.80	17.10	0.338	0.46	0.111	0.15	0.11
9	D2	Hotspot	U-NII-3	165	5825.0	802.11a	Front	10mm	\	\	12.92	14.10	0.060	0.08	0.022	0.03	0.09
9	D2	Hotspot	U-NII-3	165	5825.0	802.11a	Rear	10mm	\	\	12.92	14.10	0.203	0.27	0.071	0.09	-0.12
9	D2	Hotspot	U-NII-3	165	5825.0	802.11a	Right	10mm	\	\	12.92	14.10	0.086	0.11	0.038	0.05	0.15
9	D2	Hotspot	U-NII-3	165	5825.0	802.11a	Top	10mm	\	\	12.92	14.10	0.164	0.22	0.056	0.07	-0.14
9	D1/D2	Body-Worn	U-NII-2A	52	5260.0	802.11a	Front	15mm	\	\	14.95	16.10	0.071	0.09	0.028	0.04	0.07
9	D1/D2	Body-Worn	U-NII-2A	52	5260.0	802.11a	Rear	15mm	\	\	14.95	16.10	0.137	0.18	0.053	0.07	0.09
9	D1/D2	Body-Worn	U-NII-2C	132	5660.0	802.11a	Front	15mm	\	\	14.98	16.60	0.066	0.10	0.016	0.02	-0.04
9	D1/D2	Body-Worn	U-NII-2C	132	5660.0	802.11a	Rear	15mm	\	\	14.98	16.60	0.137	0.20	0.051	0.07	0.07
9	D1/D2	Body-Worn	U-NII-3	165	5825.0	802.11a	Front	15mm	\	\	15.80	17.10	0.121	0.16	0.030	0.04	0.05
9	D1/D2	Body-Worn	U-NII-3	165	5825.0	802.11a	Rear	15mm	\	\	15.80	17.10	0.327	0.44	0.121	0.16	-0.04
2	C1	Head	U-NII-2A	60	5300.0	802.11a	Left Cheek	0mm	\	\	12.96	14.60	0.059	0.09	0.017	0.02	0.09
2	C1	Head	U-NII-2A	60	5300.0	802.11a	Left Tilt	0mm	\	\	12.96	14.60	0.019	0.03	0.007	0.01	0.03
2	C1	Head	U-NII-2A	60	5300.0	802.11a	Right Cheek	0mm	\	\	12.96	14.60	0.028	0.04	0.009	0.01	-0.15
2	C1	Head	U-NII-2A	60	5300.0	802.11a	Right Tilt	0mm	\	\	12.96	14.60	0.018	0.03	0.006	0.01	0.04
2	C1	Head	U-NII-2C	132	5660.0	802.11a	Left Cheek	0mm	\	\	16.78	18.60	0.269	0.41	0.107	0.16	0.19
2	C1	Head	U-NII-2C	132	5660.0	802.11a	Left Tilt	0mm	\	\	16.78	18.60	0.146	0.22	0.046	0.07	0.08
2	C1	Head	U-NII-2C	132	5660.0	802.11a	Right Cheek	0mm	\	\	16.78	18.60	0.440	0.67	0.153	0.23	0.01
2	C1	Head	U-NII-2C	132	5660.0	802.11a	Right Tilt	0mm	\	\	16.78	18.60	0.083	0.13	0.029	0.04	0.16
2	C1	Head	U-NII-3	149	5745.0	802.11a	Left Cheek	0mm	\	\	12.55	14.10	0.161	0.23	0.059	0.08	\
2	C1	Head	U-NII-3	149	5745.0	802.11a	Left Tilt	0mm	\	\	12.55	14.10	0.096	0.14	0.029	0.04	-0.08
2	C1	Head	U-NII-3	149	5745.0	802.11a	Right Cheek	0mm	\	\	12.55	14.10	0.186	0.27	0.057	0.08	-0.09
2	C1	Head	U-NII-3	149	5745.0	802.11a	Right Tilt	0mm	\	\	12.55	14.10	0.053	0.08	0.017	0.02	-0.1
2	C2	Head	U-NII-2A	60	5300.0	802.11a	Left Cheek	0mm	\	\	10.68	12.60	0.028	0.04	0.007	0.01	0.09
2	C2	Head	U-NII-2A	60	5300.0	802.11a	Left Tilt	0mm	\	\	10.68	12.60	0.009	0.01	0.003	0.00	0.18
2	C2	Head	U-NII-2A	60	5300.0	802.11a	Right Cheek	0mm	\	\	10.68	12.60	0.013	0.02	0.003	0.01	0.17
2	C2	Head	U-NII-2A	60	5300.0	802.11a	Right Tilt	0mm	\	\	10.68	12.60	0.008	0.01	0.002	0.00	0.16
2	C2	Head	U-NII-2C	132	5660.0	802.11a	Left Cheek	0mm	\	\	10.37	12.10	0.028	0.04	0.008	0.01	0.03
2	C2	Head	U-NII-2C	132	5660.0	802.11a	Left Tilt	0mm	\	\	10.37	12.10	0.015	0.02	0.003	0.01	0.18
2	C2	Head	U-NII-2C	132	5660.0	802.11a	Right Cheek	0mm	\	\	10.37	12.10	0.045	0.07	0.011	0.02	0.17
2	C2	Head	U-NII-2C	132	5660.0	802.11a	Right Tilt	0mm	\	\	10.37	12.10	0.009	0.01	0.002	0.00	0.16
2	C2	Head	U-NII-3	149	5745.0	802.11a	Left Cheek	0mm	\	\	11.10	12.60	0.119	0.17	0.044	0.06	0.02
2	C2	Head	U-NII-3	149	5745.0	802.11a	Left Tilt	0mm	\	\	11.10	12.60	0.071	0.10	0.021	0.03	0.06
2	C2	Head	U-NII-3	149	5745.0	802.11a	Right Cheek	0mm	\	\	11.10	12.60	0.138	0.19	0.042	0.06	-0.04
2	C2	Head	U-NII-3	149	5745.0	802.11a	Right Tilt	0mm	\	\	11.10	12.60	0.039	0.06	0.012	0.02	0.02
2	D1/D2	Hotspot	U-NII-1	40	5200.0	802.11a	Front	10mm	\	\	14.13	16.10	0.062	0.10	0.022	0.03	-0.02
2	D1/D2	Hotspot	U-NII-1	40	5200.0	802.11a	Rear	10mm	\	\	14.13	16.10	0.185	0.29	0.058	0.09	0.03
2	D1/D2	Hotspot	U-NII-1	40	5200.0	802.11a	Right	10mm	\	\	14.13	16.10	0.107	0.17	0.041	0.06	0.06
2	D1	Hotspot	U-NII-3	149	5745.0	802.11a	Front	10mm	\	\	15.57	17.10	0.141	0.20	0.053	0.08	0.09
2	D1	Hotspot	U-NII-3	149	5745.0	802.11a	Rear	10mm	\	\	15.57	17.10	0.147	0.21	0.057	0.08	0.02
2	D1	Hotspot	U-NII-3	149	5745.0	802.11a	Right	10mm	\	\	15.57	17.10	0.376	0.53	0.117	0.17	-0.10
2	D2	Hotspot	U-NII-3	149	5745.0	802.11a	Front	10mm	\	\	12.69	14.10	0.079	0.11	0.033	0.05	-0.02
2	D2	Hotspot	U-NII-3	149	5745.0	802.11a	Right	10mm	\								

Note:

1. U-NII-1 and U-NII-2A bands have the same specified maximum output and tolerance; SAR is measured for U-NII-2A band first. Adjusted SAR of U-NII-2A band is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band.
2. For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

According to the KDB248227 D01, the reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

WLAN 5GHzSAR Values - (Scaled Reported SAR)

Frequency		Test Position		Actual duty factor	Maximum duty factor	Reported SAR (1g)(W/kg)	Scaled reported SAR (1g)(W/kg)
Ch.	MHz						
132	5660.0	Head	Left Cheek	100%	100%	1.12	1.12
44	5220.0	Hotspot	Top	100%	100%	0.73	0.73
165	5825.0	Body-Worn	Rear	100%	100%	0.44	0.44

13.7. Product specific 10g SAR

Table 13.23: WLAN 5GHz SAR Values (Extremity)

ANT	Power Level	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test Position	Distance	Note	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
9	D1	Extremity	U-NII-2A	52	5260.0	802.11a	Front	0mm	\	\	14.95	16.10	1.040	1.36	0.393	0.51	-0.15
9	D1	Extremity	U-NII-2A	52	5260.0	802.11a	Rear	0mm	\	\	14.95	16.10	0.773	1.01	0.236	0.31	0.08
9	D1	Extremity	U-NII-2A	52	5260.0	802.11a	Right	0mm	\	\	14.95	16.10	0.902	1.18	0.289	0.38	0.01
9	D1	Extremity	U-NII-2A	52	5260.0	802.11a	Top	0mm	\	\	14.95	16.10	3.070	4.00	0.741	0.97	-0.06
9	D1	Extremity	U-NII-2C	132	5660.0	802.11a	Front	0mm	\	\	14.98	16.60	0.830	1.21	0.260	0.38	0.08
9	D1	Extremity	U-NII-2C	132	5660.0	802.11a	Rear	0mm	\	\	14.98	16.60	0.497	0.72	0.170	0.25	-0.06
9	D1	Extremity	U-NII-2C	132	5660.0	802.11a	Right	0mm	\	\	14.98	16.60	0.639	0.93	0.215	0.31	-0.15
9	D1	Extremity	U-NII-2C	132	5660.0	802.11a	Top	0mm	\	45	14.98	16.60	4.040	5.87	0.902	1.31	0.01
2	D1	Extremity	U-NII-2A	60	5300.0	802.11a	Front	0mm	\	\	14.34	16.10	0.331	0.50	0.097	0.15	-0.01
2	D1	Extremity	U-NII-2A	60	5300.0	802.11a	Rear	0mm	\	\	14.34	16.10	1.070	1.60	0.248	0.37	0.07
2	D1	Extremity	U-NII-2A	60	5300.0	802.11a	Right	0mm	\	\	14.34	16.10	1.330	1.99	0.351	0.53	-0.16
2	D1	Extremity	U-NII-2C	132	5660.0	802.11a	Front	0mm	\	\	14.90	16.60	0.869	1.29	0.236	0.35	0.01
2	D1	Extremity	U-NII-2C	132	5660.0	802.11a	Rear	0mm	\	\	14.90	16.60	0.364	0.54	0.106	0.16	0.06
2	D1	Extremity	U-NII-2C	132	5660.0	802.11a	Right	0mm	\	\	14.90	16.60	2.850	4.22	0.676	1.00	-0.09

14. SAR Measurement Variability

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

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

- 1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
- 2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
- 3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
- 4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

Table 14.1: SAR Measurement Variability

Antenna	Frequency Band	Frequency		RF Exposure Conditions	Test Position	Original	1 st Repeated	Ratio	2 nd Repeated
		Ch.	MHz			SAR (W/kg)	SAR (W/kg)		SAR (W/kg)
1	WCDMA Band 2	9262	1852.4	Head	Right Cheek	0.856	0.822	1.04	/
1	WCDMA Band 4	1413	1732.6	Head	Right Cheek	0.850	0.831	1.02	/
4	WCDMA Band 4	1312	1712.4	Hotspot	Bottom	0.834	0.809	1.03	/
1	LTE Band 2	18700	1860.0	Head	Right Cheek	0.815	0.789	1.03	/
1	LTE Band 4	20300	1745.0	Head	Right Cheek	0.836	0.824	1.01	/
5	LTE Band 4	20050	1720.0	Head	Right Cheek	0.884	0.867	1.02	/
1	LTE Band 26	26865	831.5	Head	Right Cheek	0.854	0.818	1.04	/
1	LTE Band 38	37850	2580.0	Head	Right Cheek	0.867	0.825	1.05	/
5	LTE Band 38	38000	2595.0	Head	Right Cheek	0.844	0.820	1.03	/
1	LTE Band 41	40620	2593.0	Head	Right Cheek	0.847	0.818	1.04	/
1	NR n7	507000	2535.0	Head	Right Cheek	0.808	0.786	1.03	/
5	NR n38	519000	2595.0	Head	Right Cheek	0.929	0.914	1.02	/
5	NR n66	346000	1730.0	Head	Right Cheek	0.934	0.905	1.03	/

15. Measurement Uncertainty

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

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	12.7	N	2	1	1	6.35	6.35	∞
2	Axial isotropy	B	4.7	R	√3	√0.5	√0.5	4.3	4.3	∞
3	Hemispherical isotropy	B	9.6	R	√3	1	1	4.8	4.8	∞
4	Boundary effect	B	1.1	R	√3	1	1	0.6	0.6	∞
5	Linearity	B	4.7	R	√3	1	1	2.7	2.7	∞
6	Detection limit	B	1.0	R	√3	1	1	0.6	0.6	∞
7	Modulation response	B	4.0	R	√3	1	1	2.3	2.3	∞
8	Readout electronics	B	1.0	N	1	1	1	1.0	1.0	∞
9	Response time	B	0.8	R	√3	1	1	0.5	0.5	∞
10	Integration time	B	1.7	R	√3	1	1	1.0	1.0	∞
11	RF ambient conditions-noise	B	3.0	R	√3	1	1	1.7	1.7	∞
12	RF ambient conditions-reflection	B	3.0	R	√3	1	1	1.7	1.7	∞
13	Probe positioned mech. restrictions	B	0.35	R	√3	1	1	0.2	0.2	∞
14	Probe positioning with respect to phantom shell	B	2.9	R	√3	1	1	1.7	1.7	∞
15	Post-processing	B	1.0	R	√3	1	1	0.6	0.6	∞
Test sample related										
16	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	5
17	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
18	Power scaling	B	0	R	√3	1	1	0	0	∞
19	Drift of output power	B	5.0	R	√3	1	1	2.9	2.9	∞
Phantom and set-up										
20	Phantom uncertainty	B	1.0	R	√3	1	1	0.6	0.6	∞
21	Algorithm for correcting SAR for deviations in permittivity and conductivity	B	1.9	N	1	1	0.84	1.9	1.6	∞
22	Liquid conductivity (target)	B	5.0	R	√3	0.64	0.43	1.8	1.2	∞
23	Liquid conductivity (meas.)	A	1.3	N	1	0.64	0.43	0.83	0.56	9
24	Liquid permittivity (target)	B	5.0	R	√3	0.6	0.49	1.7	1.4	∞
25	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	0.96	0.78	9
Combined standard uncertainty		$u_c' = \sqrt{\sum_{i=1}^{23} c_i^2 u_i^2}$						11.6	11.4	95.5
Expanded uncertainty (Confidence interval of 95 %)		$u_e = 2u_c$						23.2	22.8	

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

No.	Error Description	Type	Uncertainty value	Probably Distribution	Div.	(Ci) 1g	(Ci) 10g	Std. Unc. (1g)	Std. Unc. (10g)	Degree of freedom
Measurement system										
1	Probe calibration	B	13.9	N	2	1	1	6.95	6.95	∞
2	Axial isotropy	B	4.7	R	√3	√0.5	√0.5	4.3	4.3	∞
3	Hemispherical isotropy	B	9.6	R	√3	1	1	4.8	4.8	∞
4	Boundary effect	B	1.1	R	√3	1	1	0.6	0.6	∞
5	Linearity	B	4.7	R	√3	1	1	2.7	2.7	∞
6	Detection limit	B	1.0	R	√3	1	1	0.6	0.6	∞
7	modulation response	B	4.0	R	√3	1	1	2.3	2.3	∞
8	Readout electronics	B	1.0	N	1	1	1	1.0	1.0	∞
9	Response time	B	0.0	R	√3	1	1	0.0	0.0	∞
10	Integration time	B	1.7	R	√3	1	1	1.0	1.0	∞
11	RF ambient conditions-noise	B	3.0	R	√3	1	1	1.7	1.7	∞
12	RF ambient conditions-reflection	B	3.0	R	√3	1	1	1.7	1.7	∞
13	Probe positioned mech. Restrictions	B	0.35	R	√3	1	1	0.2	0.2	∞
14	Probe positioning with respect to phantom shell	B	2.9	R	√3	1	1	1.7	1.7	∞
15	Post-processing	B	1.0	R	√3	1	1	0.6	0.6	∞
Test sample related										
16	Test sample positioning	A	3.3	N	1	1	1	3.3	3.3	5
17	Device holder uncertainty	A	3.4	N	1	1	1	3.4	3.4	5
18	Power scaling	B	0	R	√3	1	1	0	0	∞
19	Drift of output power	B	5.0	R	√3	1	1	2.9	2.9	∞
Phantom and set-up										
20	Phantom uncertainty	B	1.0	R	√3	1	1	0.6	0.6	∞
21	Algorithm for correcting SAR for deviations in permittivity and conductivity	B	1.9	N	1	1	0.84	1.9	1.6	∞
22	Liquid conductivity (target)	B	5.0	R	√3	0.64	0.43	1.8	1.2	∞
23	Liquid conductivity (meas.)	A	1.3	N	1	0.64	0.43	0.83	0.56	9
24	Liquid permittivity (target)	B	5.0	R	√3	0.6	0.49	1.7	1.4	∞
25	Liquid permittivity (meas.)	A	1.6	N	1	0.6	0.49	0.96	0.78	9
Combined standard uncertainty		$u_c = \sqrt{\sum_{i=1}^{22} c_i^2 u_i^2}$						11.9	11.8	95.5
Expanded uncertainty (Confidence interval of 95 %)		$u_e = 2u_c$						23.8	23.6	

16. Main Test Instruments

Table 16.1: List of Main Instruments

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	E5071C	MY46103759	2022-11-14 & 2023-11-13	One year
02	Dielectric probe	85070E	MY44300317	/	/
03	Power meter	E4418B	MY50000366	2022-12-11	One year
04	Power sensor	E9304A	MY50000188	2022-12-11	One year
05	Power meter	NRP	102603	2022-12-29	One year
06	Power sensor	NRP-Z51	102211	2022-12-29	One year
07	Signal Generator	E8257D	MY47461211	2023-01-13	One year
08	Amplifier	VTL5400	0404	/	/
09	DAE	DAE4	1790	2023-03-02	One year
10	E-field Probe	EX3DV4	7683	2023-02-16	One year
11	Dipole Validation Kit	D750V3	1163	2022-08-22	Three years
12	Dipole Validation Kit	D835V2	4d057	2021-10-18	Three years
13	Dipole Validation Kit	D1750V2	1152	2022-08-22	Three years
14	Dipole Validation Kit	D1900V2	5d088	2021-10-18	Three years
15	Dipole Validation Kit	D2450V2	873	2021-10-21	Three years
16	Dipole Validation Kit	D2550V2	1010	2021-05-21	Three years
17	Dipole Validation Kit	D5GHzV2	1238	2022-08-17	Three years
18	BTS	E5515C	GB46110722	2023-01-13	One year
19	BTS	MT8820C	6201341853	2023-03-23	One year
20	BTS	CMW500	152499	2023-07-14	One year
21	Thermometer	51II	99250045	2022-11-23 & 2023-11-22	One year
22	Software	DASY5	/	/	/

ANNEX A: Graph Results

GSM850 Head

Date: 2023-11-12

Electronics: DAE4 Sn1790

Medium: Head 835MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 40.682$; $\rho = 1000$ kg/m³

Communication System: UID 0, GSM (0) Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: EX3DV4 - SN7683 ConvF (10.75, 10.75, 10.75)

Left Cheek High/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.161 W/kg

Left Cheek High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.642 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.158 W/kg

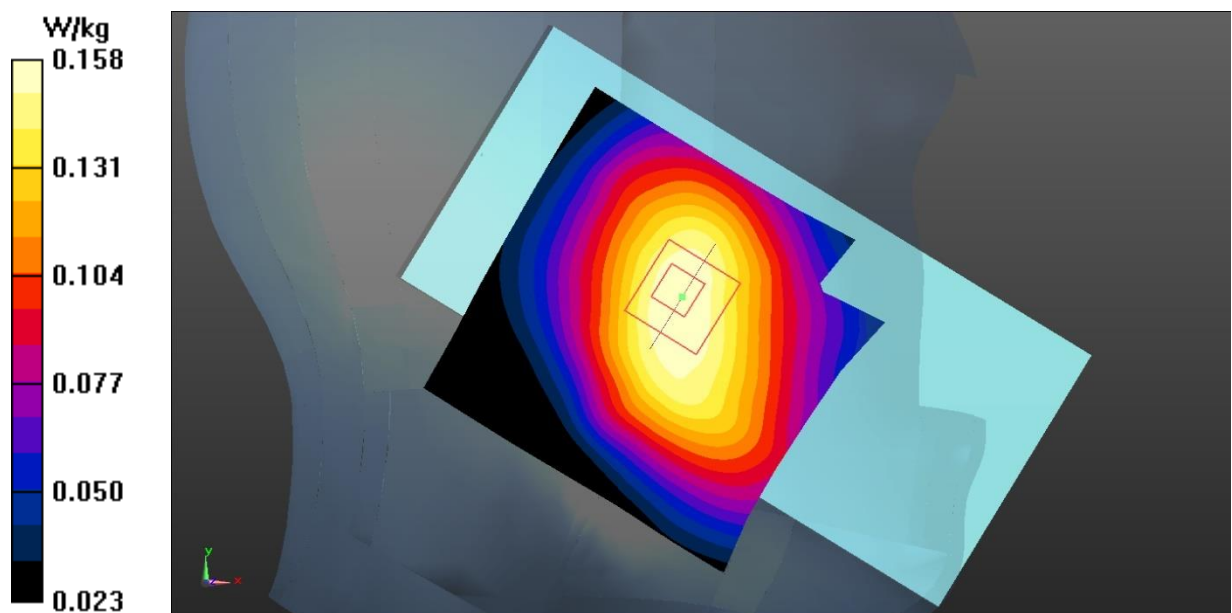


Fig.1 GSM850 Head

GSM850 Body

Date: 2023-11-12

Electronics: DAE4 Sn1790

Medium: Head 835MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 40.682$; $\rho = 1000$ kg/m³

Communication System: UID 0, 2 slot GPRS (0) Frequency: 848.8 MHz Duty Cycle: 1:4

Probe: EX3DV4 - SN7683 ConvF (10.75, 10.75, 10.75)

Rear Side High/Area Scan (61x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.280 W/kg

Rear Side High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.868 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 0.271 W/kg

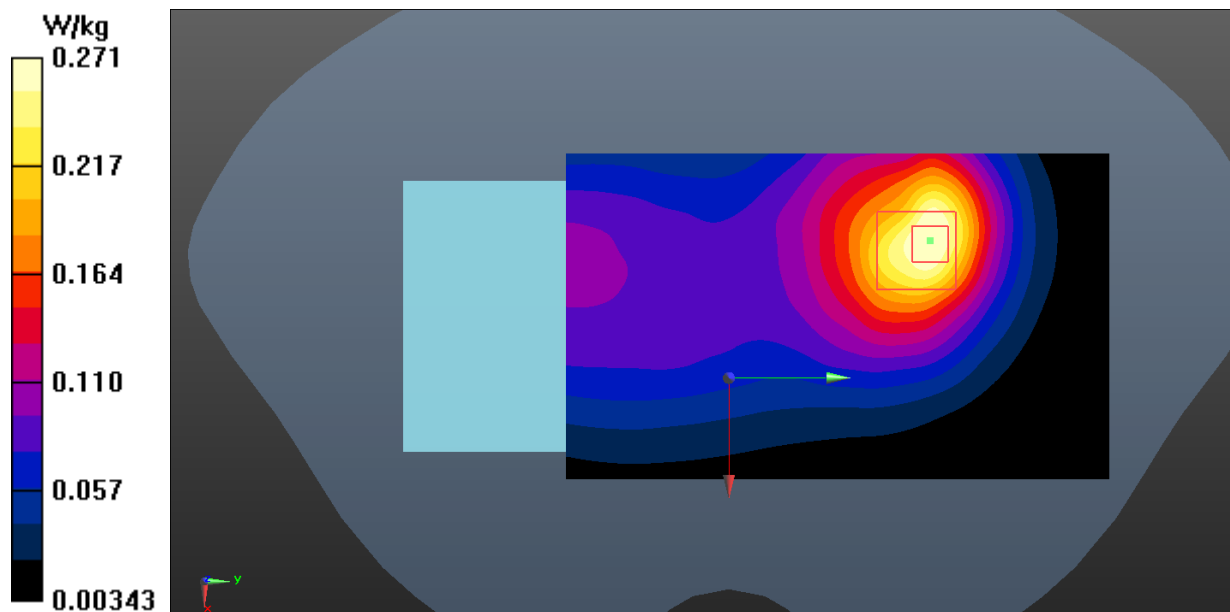


Fig.2 GSM850 Body

GSM1900 Head

Date: 2023-11-24

Electronics: DAE4 Sn1790

Medium: Head 1900MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 39.534$; $\rho = 1000$ kg/m³

Communication System: UID 0, GSM (0) Frequency: 1909.8 MHz Duty Cycle: 1:8.3

Probe: EX3DV4 - SN7683 ConvF (8.55, 8.55, 8.55)

Right Cheek High/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.101 W/kg

Right Cheek High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.380 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.0971 W/kg

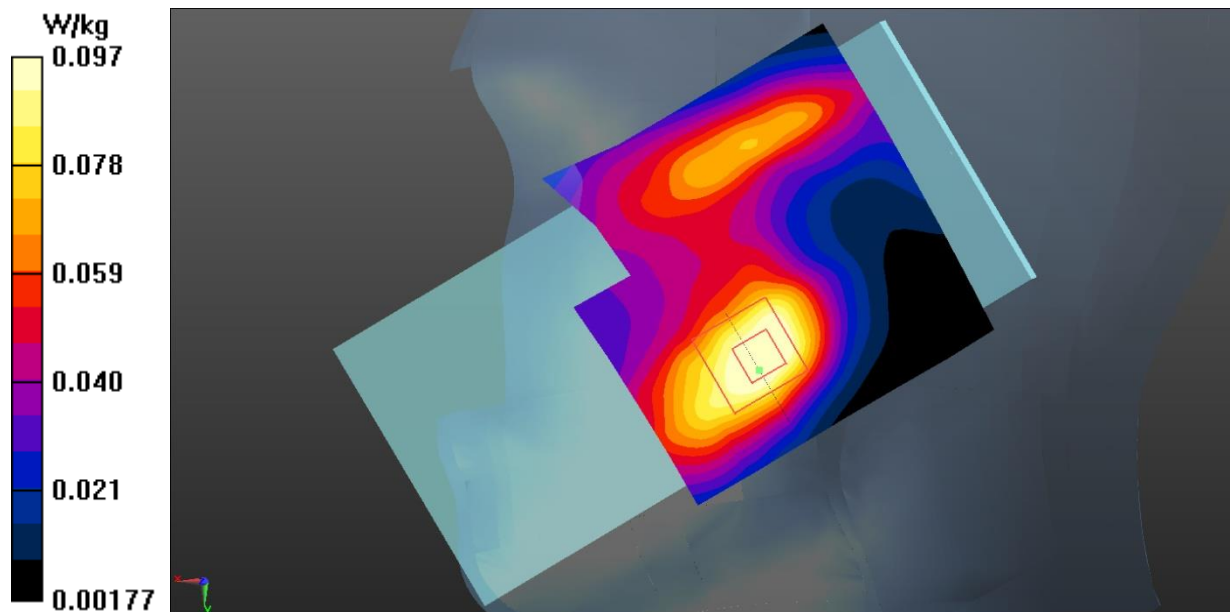


Fig.3 GSM1900 Head

GSM1900 Body

Date: 2023-11-24

Electronics: DAE4 Sn1790

Medium: Head 1900MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 39.534$; $\rho = 1000$ kg/m³

Communication System: UID 0, 2 slot GPRS (0) Frequency: 1909.8 MHz Duty Cycle: 1:4

Probe: EX3DV4 - SN7683 ConvF (8.55, 8.55, 8.55)

Bottom Side High/Area Scan (41x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.702 W/kg

Bottom Side High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.90 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.312 W/kg

Maximum value of SAR (measured) = 0.697 W/kg

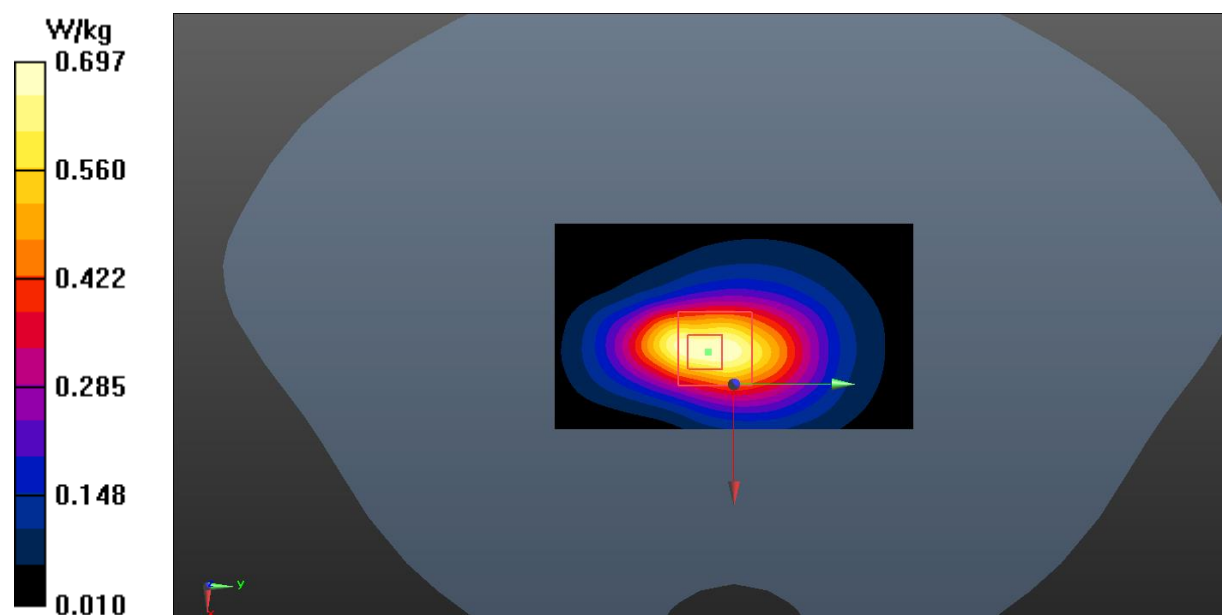


Fig.4 GSM1900 Body

WCDMA Band 2 Head

Date: 2023-11-17

Electronics: DAE4 Sn1790

Medium: Head 1900MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 39.288$; $\rho = 1000$ kg/m³

Communication System: UID 0, WCDMA (0) Frequency: 1852.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7683 ConvF (8.55, 8.55, 8.55)

Right Cheek Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.32 W/kg

Right Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.69 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.456 W/kg

Maximum value of SAR (measured) = 1.25 W/kg

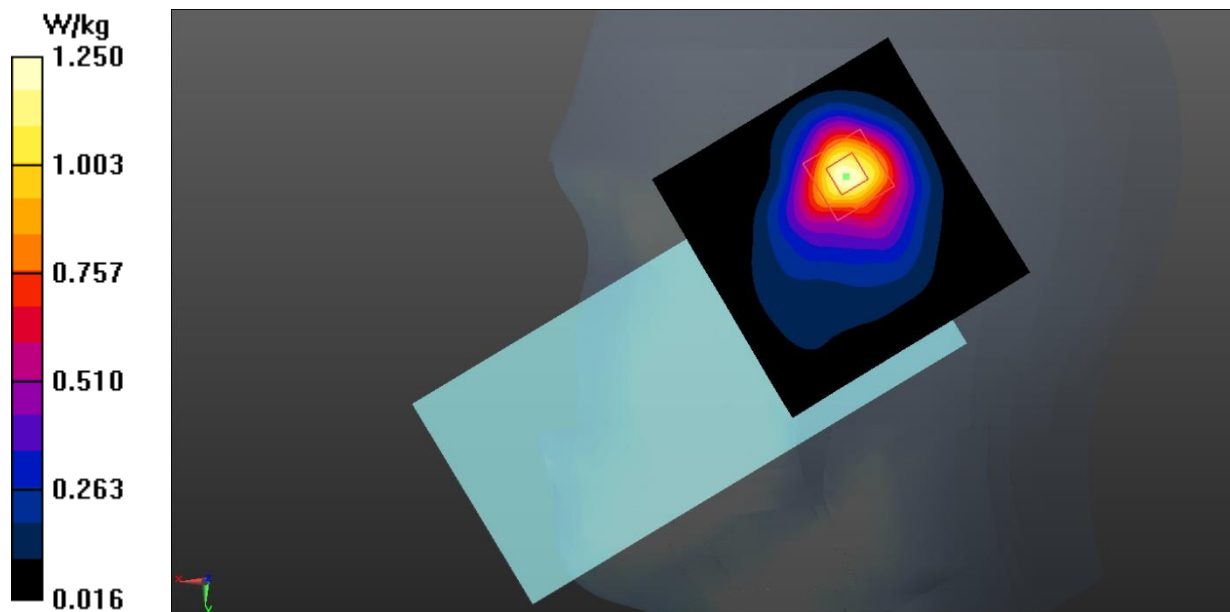


Fig.5 WCDMA Band 2 Head

WCDMA Band 2 Body

Date: 2023-11-17

Electronics: DAE4 Sn1790

Medium: Head 1900MHz

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.435$ S/m; $\epsilon_r = 39.071$; $\rho = 1000$ kg/m³

Communication System: UID 0, WCDMA (0) Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7683 ConvF (8.55, 8.55, 8.55)

Bottom Side High/Area Scan (41x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.07 W/kg

Bottom Side High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.75 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.429 W/kg

Maximum value of SAR (measured) = 1.07 W/kg

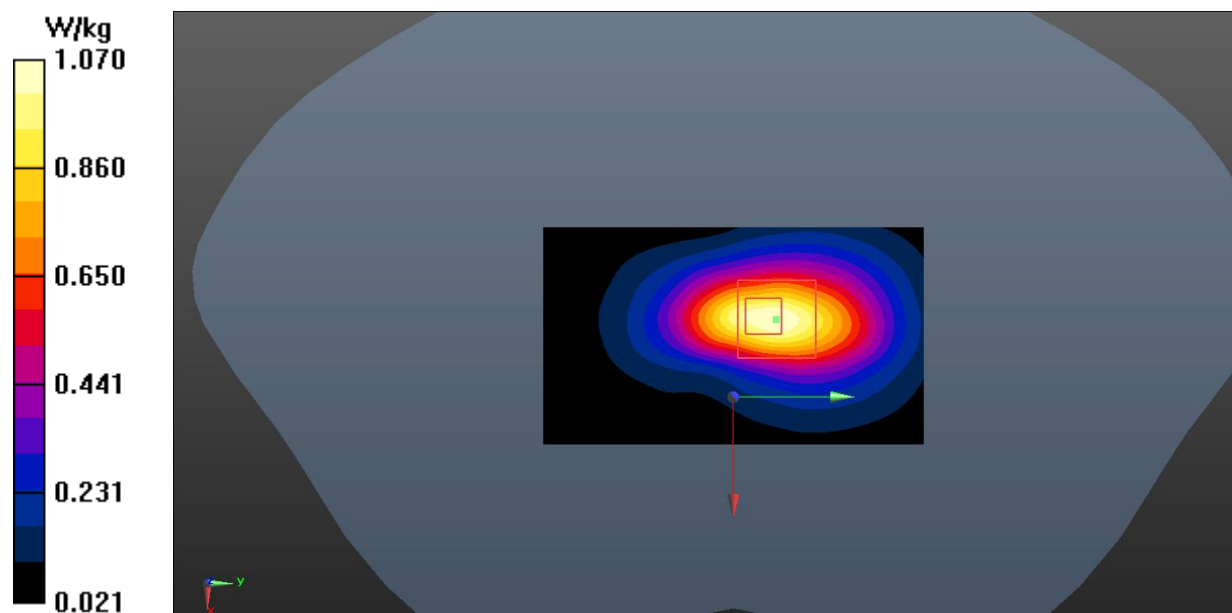


Fig.6 WCDMA Band 2 Body