SAR EVALUATION REPORT

FCC 47 CFR § 2.1093
IEEE Std 1528-2013

For
SMARTPHONE

FCC ID: BCG-E8138A
Model Name: A2649

Report Number: 14040867-S1V4
Issue Date: 8/3/2022

Prepared for
APPLE INC.
1 APPLE PARK WAY
CUPERTINO, CA 95014-2084

Prepared by
UL VERIFICATION SERVICES INC.
47173 BENICIA STREET
FREMONT, CA 94538, U.S.A.
TEL: (510) 771-1000
FAX: (510) 661-0888

ACCREDITED
CERT #0751.05

Revision History

Rev.	Date	Revisions	Revised By
V1	7/15/2022	Initial Issue	--
V2	7/20/2022	1. Updated Section 1 Simultaneous TX reported SAR. 2. Updated Section 6.2, 6.6, 9.3, 9.10, and 10.30	Devin Chang
V3	7/26/2022	Updated Section 9.8 power table	Devin Chang
V4	8/3/2022	1. Updated Section 1 reported SAR. 2. Updated section 12.4, 12.5, 12.8	Devin Chang

Table of Contents

1. Attestation of Test Results 6

2. Test Specification, Methods and Procedures 7

3. Facilities and Accreditation 8

4. SAR Measurement System & Test Equipment 9

4.1. SAR Measurement System 9

4.2. SAR Scan Procedures 10

4.3. Test Equipment 12

5. Measurement Uncertainty 15

6. Device Under Test (DUT) Information 16

6.1. DUT Description 16

6.2. Wireless Technologies 17

6.3. General LTE SAR Test and Reporting Considerations 19

6.4. LTE (TDD) Considerations 22

6.5. General 5G NR(FR1) SAR Test and Reporting Considerations 23

6.6. Time-Average Feature 26

7. RF Exposure Conditions (Test Configurations) 30

8. Dielectric Property Measurements & System Check 31

8.1. Dielectric Property Measurements 31

8.2. System Check 55

9. Conducted Output Power Measurements 67

9.1. GSM 67

9.2. W-CDMA 70

9.3. LTE 83

9.4. LTE Up-Link Carrier Aggregation 161

9.5. LTE Down-Link Carrier Aggregation 171

9.6. 5G NR(FR1) 172

9.7. Wi-Fi 2.4GHz (DTS Band) 220

9.8. Wi-Fi 5GHz (U-NII Bands) 222

9.9. Bluetooth 225

9.10. MSS (Mobile Satellite Service) 227

10. Measured and Reported (Scaled) SAR Results 228

10.1. GSM850 229

10.2. GSM1900 230

10.3. W-CDMA Band 2 231
10.4. W-CDMA Band 4 232
10.5. W-CDMA Band 5 233
10.6. LTE Band 5 (10MHz Bandwidth) 234
10.7. LTE Band 7 (20MHz Bandwidth) 235
10.8. LTE Band 12 (10MHz Bandwidth) 238
10.9. LTE Band 13 (10MHz Bandwidth) 239
10.10. LTE Band 14 (10MHz Bandwidth) 240
10.11. LTE Band 25 (20MHz Bandwidth) 241
10.12. LTE Band 26 (10MHz Bandwidth) 243
10.13. LTE Band 30 (10MHz Bandwidth) 244
10.14. LTE Band 41 Power Class 3 (20MHz Bandwidth) 246
10.15. LTE Band 41 Power Class 2 (20MHz Bandwidth) 248
10.16. LTE Band 48 (20MHz Bandwidth) 250
10.17. LTE Band 53 (10MHz Bandwidth) 253
10.18. LTE Band 66 (20MHz Bandwidth) 254
10.19. LTE Band 71 (20MHz Bandwidth) 256
10.20. 5G NR Band n5 (20MHz Bandwidth) 257
10.21. 5G NR Band n7 (40MHz Bandwidth) 258
10.22. 5G NR Band n12 (15MHz Bandwidth) 259
10.23. 5G NR Band n14 (10MHz Bandwidth) 260
10.24. 5G NR Band n25 (40MHz Bandwidth) 261
10.25. 5G NR Band n26 (20MHz Bandwidth) 262
10.26. 5G NR Band n30 (10MHz Bandwidth) 263
10.27. 5G NR Band n41 (100MHz Bandwidth) 264
10.28. 5G NR Band n41 Power Class 2 (100MHz Bandwidth) 265
10.29. 5G NR Band n53 (10MHz Bandwidth) 266
10.30. 5G NR Band n66 (40MHz Bandwidth) 267
10.31. 5G NR Band n70 (15MHz Bandwidth) 268
10.32. 5G NR Band n71 (20MHz Bandwidth) 269
10.33. 5G NR Band n77 (Block A)(100MHz Bandwidth) 270
10.34. 5G NR Band n77 (Block C)(100MHz Bandwidth) 271
10.35. Wi-Fi (DTS Band) 272
10.36. Wi-Fi (U-NII Band) 273
10.37. Bluetooth 275
10.38. MSS (Mobile Satellite Service) 276

11. SAR Measurement Variability 277

12. Simultaneous Transmission Conditions 278

12.1. Sum of the SAR for WWAN Cell-off & Wi-Fi & BT results 280

12.2. Sum of the SAR for WWAN(TNE) Cell-on ANT1 & Wi-Fi & BT results 280

12.3. Sum of the SAR for WWAN(TNE) Cell-on ANT2 & Wi-Fi & BT results 281

12.4. Sum of the SAR for WWAN(TNE) Cell-on ANT4 & Wi-Fi & BT results 281

12.5. Sum of the SAR for WWAN(PCE) Cell-on ANT1 & Wi-Fi & BT results 282

12.6. Sum of the SAR for WWAN(PCE) Cell-on ANT2 & Wi-Fi & BT results 282

12.7. Sum of the SAR for WWAN(PCE) Cell-on ANT3 & Wi-Fi & BT results 283

12.8. Sum of the SAR for WWAN(PCE) Cell-on ANT4 & Wi-Fi & BT results 283

12.9. Sum of the SAR for WWAN(PCE) Cell-on ANT7 & Wi-Fi & BT results 284

12.10. Sum of the SAR for WWAN(PCE) Cell-on ANT8 & Wi-Fi & BT results 284

12.11. Sum of the SAR for WWAN(PCE) Cell-on ANT9 & Wi-Fi & BT results 285

12.12. Sum of the SAR for WWAN(CBE) Cell-on ANT4 & Wi-Fi & BT results 285

12.13. Sum of the SAR for WWAN(CBE) Cell-on ANT7 & Wi-Fi & BT results 286

12.14. Sum of the SAR for WWAN(CBE) Cell-on ANT8 & Wi-Fi & BT results 286

12.15. Sum of the SAR for WWAN(CBE) Cell-on ANT9 & Wi-Fi & BT results 287

Appendixes 288

Appendix A: SAR Setup Photos 288

Appendix B: SAR System Check Plots 288

Appendix C: SAR Highest Test Plots 288

Appendix D: SAR Tissue Ingredients 288

Appendix E: SAR Probe Certificates 288

Appendix F: SAR Dipole Certificates 288

Appendix G: LTE Down-Link Carrier Aggregation 288

Appendix H: Body Detect Validation 288

Appendix I: Wi-Fi Time-Averaged SAR(TAS) 288

Appendix J: MSS Time Averaged SAR 288

1. Attestation of Test Results

Applicant Name		APPLE INC.					
FCC ID		BCG-E8138A					
Model Name		A2649					
Applicable Standards		FCC 47 CFR § 2.1093 Published RF exposure KDB procedures IEEE Std 1528-2013					
Exposure Category		SAR Limits (W/Kg)					
		Peak spatial-average(1g of tissue)			Extremities (hands, wrists, ankles, etc.) (10g of tissue)		
General population / Uncontrolled exposure		1.6			4		
RF Exposure Conditions		Equipment Class - Highest Reported SAR (W/kg)					
		TNE	PCE	CBE	DTS	NII	DSS
Head		0.944	0.948	0.949	1.143	1.134	1.148
Body-worn (Dist.= 5 mm)		0.969	0.942	0.937	0.671	1.108	0.859
Hotspot (Dist.= 5 mm)		1.033	0.948	0.937	0.901	1.144	1.161
Simultaneous TX	Head	1.391	1.395	1.376	1.395	1.390	1.390
	Body-worn	1.507	1.479	1.475	1.372	1.507	1.507
	Hotspot	1.517	1.479	1.475	1.517	1.507	1.507
Date Tested		5/15/2022 to 7/15/2022					
Test Results		Pass					

UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. is only responsible for the validity of results after the integration of the data provided by the customer.

The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by A2LA, NIST, any agency of the Federal Government, or any agency of the U.S. government.

Approved & Released By:	Prepared By:
	
Devin Chang Senior Test Engineer UL Verification Services Inc.	Chakrit Thammanavarat Senior Test Engineer UL Verification Services Inc.

2. Test Specification, Methods and Procedures

The tests documented in this report were performed in accordance with FCC 47 CFR § 2.1093, IEEE STD 1528-2013, the following FCC Published RF exposure **KDB** procedures:

- 248227 D01 802.11 Wi-Fi SAR v02r02
- 447498 D01 General RF Exposure Guidance v06
- 447498 D03 Supplement C Cross-Reference v01
- 648474 D04 Handset SAR v01r03
- 865664 D01 SAR measurement 100 MHz to 6 GHz v01r04
- 865664 D02 RF Exposure Reporting v01r02
- 941225 D01 3G SAR Procedures v03r01
- 941225 D05 SAR for LTE Devices v02r05
- 941225 D05A LTE Rel.10 KDB Inquiry Sheet v01r02
- 941225 D06 Hotspot Mode v02r01

In addition to the above, the following information was used:

- **TCB workshop** October 2014; RF Exposure Procedures (Other LTE Considerations)
- **TCB workshop** April 2015; RF Exposure Procedures (Overlapping LTE Bands)
- **TCB workshop** October 2015; RF Exposure Procedures (KDB 941225 D05A)
- **TCB workshop** April 2016; RF Exposure Procedures (LTE Carrier Aggregation for DL)
- **TCB workshop** October 2016; RF Exposure Procedures (LTE Carrier Aggregation for UL)
- **TCB workshop** October 2016; RF Exposure Procedures (Bluetooth Duty Factor)
- **TCB workshop** October 2016; RF Exposure Procedures (DUT Holder Perturbations)
- **TCB workshop** May 2017; RF Exposure Procedures (Broadband Liquid Above 3 GHz)
- **TCB workshop** May 2017; RF Exposure Procedures (LTE Band 41 Power Class 2)
- **TCB workshop** November 2017; RF Exposure Procedures (LTE UL/DL Carrier Aggregation SAR)
- **TCB workshop** April 2018; RF Exposure Procedures (LTE DL CA SAR Test Exclusion)
- **TCB workshop** October 2018; RF Exposure Procedures (LTE Inter-Band Uplink Carrier Aggregation –Interim Procedures)
- **TCB workshop** April 2019; RF Exposure Procedures (802.11ax SAR Testing)
- **TCB workshop** November 2019; RF Exposure Policy Updates (5G NR FR1 NSA EN-DCUE SAR Evaluations)
- **TCB workshop** April 2021; RF Exposure Procedures (Remarks on Test Reductions via Data Referencing for Closely Related Products)

3. Facilities and Accreditation

The test sites and measurement facilities used to collect data are located at

47173 Benicia Street	47266 Benicia Street
SAR Lab A	SAR Lab 1
SAR Lab B	SAR Lab 2
SAR Lab C	SAR Lab 3
SAR Lab D	SAR Lab 4
SAR Lab E	SAR Lab 5
SAR Lab F	SAR Lab 6
SAR Lab G	SAR Lab 8
SAR Lab H	SAR Lab 9
	SAR Lab 10
	SAR Lab 11
	SAR Lab 12
	SAR Lab 13
	SAR Lab 14
	SAR Lab 15
	SAR Lab 16

UL Verification Services Inc. is accredited by A2LA, Certificate Number 0751.05

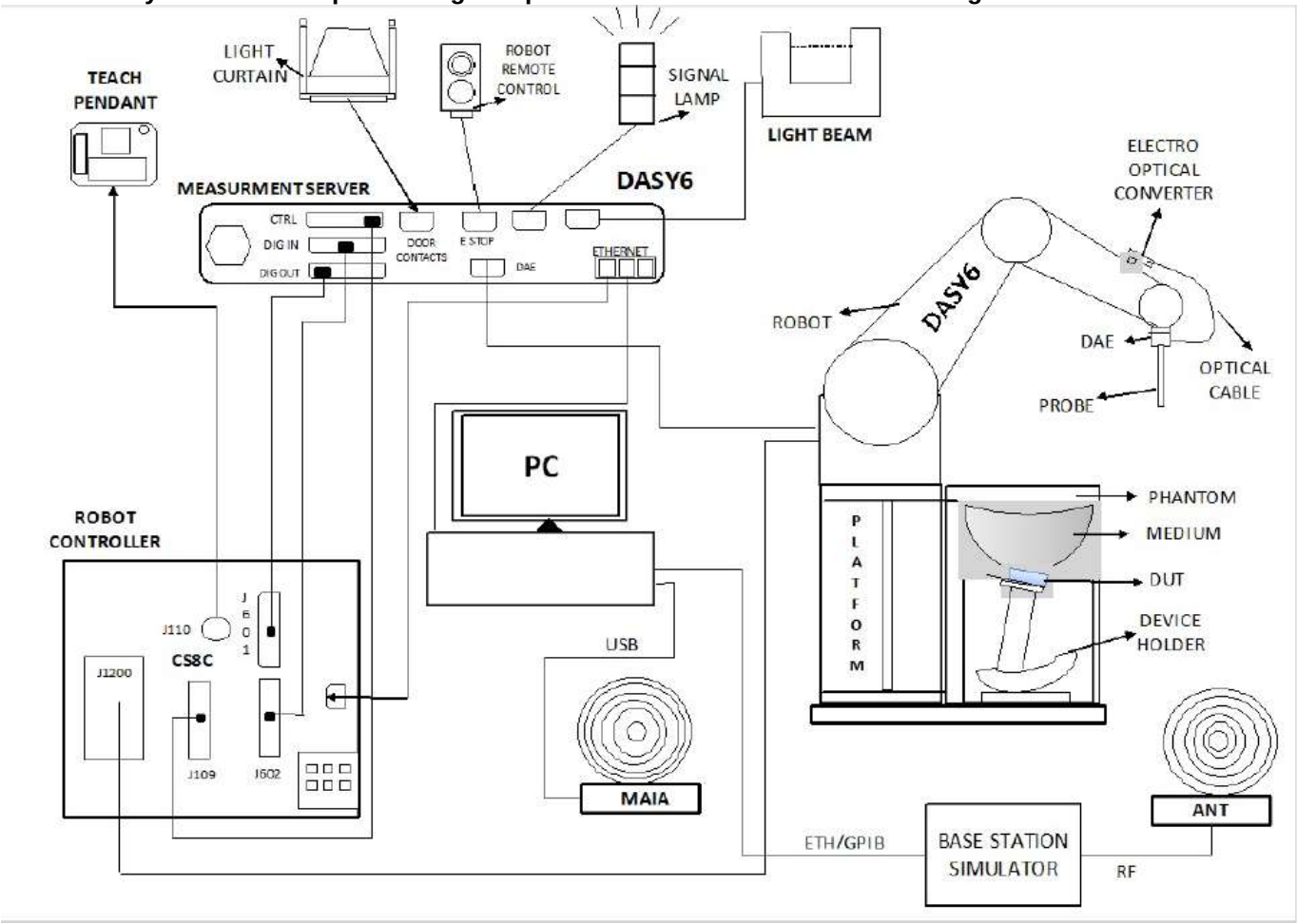
The Test Lab Conformity Assessment Body Identifier (CABID)

Location	CABID	Company Number
47173 Benicia Street, Fremont, CA, 94538 UNITED STATES	US0104	2324A
47266 Benicia Street, Fremont, CA, 94538 UNITED STATES		22541

4. SAR Measurement System & Test Equipment

4.1. SAR Measurement System

The DASY system used for performing compliance tests consists of the following items:



- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic Field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running Win7, Win10 and the DASY52[1] and DASY62 software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

1 DASY52 software used: DASY52.10.4 & S 14.6.14 and older generations.

2 DASY6 software used: DASY6.14 & S 14.6.14 and older generations.

4.2. SAR Scan Procedures

Step 1: Power Reference Measurement

The Power Reference Measurement and Power Drift Measurements are for monitoring the power drift of the device under test in the batch process. The minimum distance of probe sensors to surface determines the closest measurement point to phantom surface. The minimum distance of probe sensors to surface is 2.1 mm. This distance cannot be smaller than the distance of sensor calibration points to probe tip as defined in the probe properties.

Step 2: Area Scan

The Area Scan is used as a fast scan in two dimensions to find the area of high field values, before doing a fine measurement around the hot spot. The sophisticated interpolation routines implemented in DASY software can find the maximum locations even in relatively coarse grids. When an Area Scan has measured all reachable points, it computes the field maximal found in the scanned area, within a range of the global maximum. The range (in dB) is specified in the standards for compliance testing. For example, a 2 dB range is required in IEEE Standard 1528 and IEC 62209 standards, whereby 3 dB is a requirement when compliance is assessed in accordance with the ARIB standard (Japan). If only one Zoom Scan follows the Area Scan, then only the absolute maximum will be taken as reference. For cases where multiple maximums are detected, the number of Zoom Scans has to be increased accordingly.

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

	≤ 3 GHz	> 3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface	5 ± 1 mm	½·δ·ln(2) ± 0.5 mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location	30° ± 1°	20° ± 1°
Maximum area scan spatial resolution: Δx_{Area}, Δy_{Area}	≤ 2 GHz: ≤ 15 mm 2 – 3 GHz: ≤ 12 mm	3 – 4 GHz: ≤ 12 mm 4 – 6 GHz: ≤ 10 mm
	When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	

Step 3: Zoom Scan

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

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

			≤ 3 GHz	> 3 GHz
Maximum zoom scan spatial resolution: Δx_{Zoom}, Δy_{Zoom}			≤ 2 GHz: ≤ 8 mm 2 – 3 GHz: ≤ 5 mm*	3 – 4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{Zoom}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{Zoom}(1)$: between 1st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{Zoom}(n>1)$: between subsequent points	≤ 1.5·$\Delta z_{Zoom}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm

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

* When zoom scan is required and the *reported* SAR from the *area scan based 1-g SAR estimation* procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.

Step 4: Power drift measurement

The Power Drift Measurement measures the field at the same location as the most recent power reference measurement within the same procedure, and with the same settings. The Power Drift Measurement gives the field difference in dB from the reading conducted within the last Power Reference Measurement. This allows a user to monitor the power drift of the device under test within a batch process. The measurement procedure is the same as Step 1.

4.3. Test Equipment

The measuring equipment used to perform the tests documented in this report has been calibrated in accordance with the manufacturers' recommendations, and is traceable to recognized national standards.

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Network Analyzer	R&S	ZNLE6	171919	2/18/2023
Dielectric Probe Kit	SPEAG	DAK 3.5mm Probe	80345	11/16/2023
Shorting Block	SPEAG	DAK-3.5 Short	SM DAK 200 BA	11/16/2023
Thermometer	Fisher Scientific	Z540	T1130	8/1/2022
Network Analyzer	R&S	ZNLE6	13230012K56-101274-mn	2/15/2023
Dielectric Probe Kit	SPEAG	DAK 3.5mm Probe	1082	9/19/2022
Shorting Block	SPEAG	DAK-3.5 Short	SM DAK 200 BA	9/19/2022
Thermometer	Fisher Scientific	Z540	170064398	9/1/2022
Vector Reflectometer	Copper Mountain	DAKS VNA R140	170514	4/25/2023
Dielectric Probe Kit	Speag	DAK 3.5mm Probe	SM DAK 520 AA	3/9/2023
Shorting Block	Speag	DAK-3.5 Short	SM DAK 200 CA	3/9/2023
Thermometer	Traceable	4353	221312857	3/3/2024

System Check

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Synthesized Signal Generator	Agilent	N5181A	MY50140610	1/26/2023
Power Meter	Keysignt	N1912a	MY55196007	1/25/2023
Power Sensor	Agilent	N1921A	MY52270022	1/25/2023
Power Sensor	Agilent	N1921A	MY5220012	1/25/2023
Amplifier	Miteq	147117-1E	1795093	N/A
Directional Coupler	SMA	C8060-102	2717	N/A
DC Power Supply	Sorensen	XT15-4	1817A02680	N/A
Synthesized Signal Generator	Agilent	N5181A	MY50140630	1/25/2023
Power Meter	Agilent	N1912A	MY50001018	1/25/2023
Power Sensor	Agilent	N1921A	MY53260010	2/3/2023
Power Sensor	Agilent	N1921A	MY5226009	1/25/2023
Amplifier	Miteq	1795092	147117-1E	N/A
Directional Coupler	SMA	C8050-102	4062	N/A
DC Power Supply	H/P	6296A	2841A-05955	N/A
Synthesized Signal Generator	R&S	SMB 100A	1406-6000K03-180970-zC	2/16/2023
Power Meter	HP	437B	3125U11364	1/25/2023
Power Sensor	HP	8481A	HA2022C004446	1/25/2023
Power Sensor	R&S	NRP50S	1419 0087K02-101250-pe	2/16/2023
Synthesized Signal Generator	R&S	SMB 100A	1406 600K03-180968-Gx	2/18/2023
Power Meter	HP	437B	HA2022C004449	1/25/2023
Power Sensor	HP	8481A	HA2022C004445	1/25/2023
Power Sensor	R&S	NRP18A	1424 6815K02-100992-iu	2/19/2023
Synthesized Signal Generator	Rohde & Schwarz	SMB 100A	1406.6000K03-180969-Yc	2/16/2023
Power Meter	Keysight	N1911A	MY55196015	1/26/1023
Power Sensor	Agilent	N1921A	MY53260001	1/25/2023
Power Sensor	Rohde & Schwarz	NRP18A	1424.6815K02-100994-RE	2/19/2023
Directional Coupler	Werlatone	C8060-102	2710	N/A
Synthesized Signal Generator	R & S	SMU 200A	102448	7/15/2023
Power Meter	R & S	NRP2	102818-pb	7/25/2022
Power Sensor	R & S	NRP-Z81	106316-XJ	8/28/2022
Amplifier	AR	20S1G4M4	337209	N/A
Directional Coupler	Krytar	158010	142255	N/A

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
E-Field Probe (SAR Lab A)	SPEAG	EX3DV4	7501	3/25/2023
E-Field Probe (SAR Lab B)	SPEAG	EX3DV4	7498	3/24/2023
E-Field Probe (SAR Lab C)	SPEAG	EX3DV4	7500	3/25/2023
E-Field Probe (SAR Lab D)	SPEAG	EX3DV4	7587	4/27/2023
E-Field Probe (SAR Lab E)	SPEAG	EX3DV4	3885	9/23/2022
E-Field Probe (SAR Lab F)	SPEAG	EX3DV4	3749	11/16/2023
E-Field Probe (SAR Lab G)	SPEAG	EX3DV4	7585	4/27/2023
E-Field Probe (SAR Lab H)	SPEAG	EX3DV4	7448	2/25/2023
E-Field Probe (SAR Lab 1)	SPEAG	EX3DV4	3991	8/20/2022
E-Field Probe (SAR Lab 2)	SPEAG	EX3DV4	7569	4/26/2023
E-Field Probe (SAR Lab 3)	SPEAG	EX3DV4	7356	3/24/2023
E-Field Probe (SAR Lab 4)	SPEAG	EX3DV4	3929	3/23/2023
E-Field Probe (SAR Lab 6)	SPEAG	EX3DV4	3990	2/25/2023
E-Field Probe (SAR Lab 8)	SPEAG	EX3DV4	3773	2/28/2023
E-Field Probe (SAR Lab 10)	SPEAG	EX3DV4	3989	1/19/2023
E-Field Probe (SAR Lab 11)	SPEAG	EX3DV4	7482	4/26/2023
E-Field Probe (SAR Lab 12)	SPEAG	EX3DV4	3686	1/18/2023
E-Field Probe (SAR Lab 13)	SPEAG	EX3DV4	7589	4/28/2023
Data Acquisition Electronics (SAR Lab A)	SPEAG	DAE4	1546	3/22/2023
Data Acquisition Electronics (SAR Lab B)	SPEAG	DAE4	1258	3/22/2023
Data Acquisition Electronics (SAR Lab C)	SPEAG	DAE4	1545	3/23/2023
Data Acquisition Electronics (SAR Lab D)	SPEAG	DAE4	1239	8/11/2022
Data Acquisition Electronics (SAR Lab E)	SPEAG	DAE4	1377	9/20/2022
Data Acquisition Electronics (SAR Lab F)	SPEAG	DAE4	1257	9/15/2022
Data Acquisition Electronics (SAR Lab G)	SPEAG	DAE4	1472	1/7/2023
Data Acquisition Electronics (SAR Lab H)	SPEAG	DAE4	1544	1/7/2023
Data Acquisition Electronics (SAR Lab 1)	SPEAG	DAE4	1359	1/7/2023
Data Acquisition Electronics (SAR Lab 2)	SPEAG	DAE4	1434	11/11/2022
Data Acquisition Electronics (SAR Lab 3)	SPEAG	DAE4	1540	1/11/2023
Data Acquisition Electronics (SAR Lab 4)	SPEAG	DAE4	1433	2/23/2023
Data Acquisition Electronics (SAR Lab 6)	SPEAG	DAE4	1621	4/21/2023
Data Acquisition Electronics (SAR Lab 8)	SPEAG	DAE4	1352	11/9/2022
Data Acquisition Electronics (SAR Lab 10)	SPEAG	DAE4	1547	4/21/2023
Data Acquisition Electronics (SAR Lab 11)	SPEAG	DAE4	1548	2/23/2023
Data Acquisition Electronics (SAR Lab 12)	SPEAG	DAE4	1380	8/11/2022
Data Acquisition Electronics (SAR Lab 13)	SPEAG	DAE4	1263	11/12/2022

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
System Validation Dipole	SPEAG	D750V3	1019	4/26/2023
System Validation Dipole	SPEAG	D750V3	1071	11/24/2022
System Validation Dipole	SPEAG	D835V2	4d142	8/10/2022
System Validation Dipole	SPEAG	D900V2	1d143	9/29/2022
System Validation Dipole	SPEAG	D1640V2	324	3/8/2023
System Validation Dipole	SPEAG	D1750V2	1050	4/27/2023
System Validation Dipole	SPEAG	D1750V2	1053	9/29/2022
System Validation Dipole	SPEAG	D1750V2	1077	9/29/2022
System Validation Dipole	SPEAG	D1900V2	5d140	4/28/2023
System Validation Dipole	SPEAG	D1900V2	5d163	9/29/2022
System Validation Dipole	SPEAG	D1950V3	1136	4/28/2023
System Validation Dipole	SPEAG	D2300V2	1002	4/25/2023
System Validation Dipole	SPEAG	D2300V2	1058	9/29/2022
System Validation Dipole	SPEAG	D2450V2	706	1/13/2023
System Validation Dipole	SPEAG	D2450V2	748	2/22/2023
System Validation Dipole	SPEAG	D2600V2	1006	9/29/2022
System Validation Dipole	SPEAG	D2600V2	1036	4/25/2023
System Validation Dipole	SPEAG	D3500V2	1060	2/25/2023
System Validation Dipole	SPEAG	D3500V2	1011	4/21/2023
System Validation Dipole	SPEAG	D3700V2	1039	5/6/2023
System Validation Dipole	SPEAG	D3900V2	1052	9/16/2022
System Validation Dipole	SPEAG	D5GHzV2	1168	11/24/2022
System Validation Dipole	SPEAG	D5GHzV2	1138	8/19/2022
System Validation Dipole	SPEAG	D5GHzv2	1003	2/23/2023

Note(s):

*Equipment not used past calibration due date.

OTHER

Name of Equipment	Manufacturer	Type/Model	T Number	Serial No.	Cal. Due Date
Wideband Radio Communication Tester	R&S	CMW 500	85940	137877	2/18/2023
Wideband Radio Communication Tester	R&S	CMW 500	85719	135390	2/20/2023
Wideband Radio Communication Tester	R&S	CMW 500	80580	132910	2/19/2023
Wideband Radio Communication Tester	R&S	CMW 500	85698	135393	2/18/2023
Wideband Radio Communication Tester	R&S	CMW 500	81849	124594	2/18/2023
Wideband Radio Communication Tester	R&S	CMW 500	85348	125236	2/15/2023
Wideband Radio Communication Tester	R&S	CMW 500	209235	170415	2/22/2023
Wideband Radio Communication Tester	R&S	CMW 500	208643	170416	2/15/2023
Wideband Radio Communication Tester	R&S	CMW 500	85789	137873	2/16/2023
Wideband Radio Communication Tester	R&S	CMW 500	85781	135384	2/16/2023
Wideband Radio Communication Tester	R&S	CMW 500	85763	134852	2/20/2023
Wideband Radio Communication Tester	R&S	CMW 500	85727	134854	2/21/2023
Wideband Radio Communication Tester	R&S	CMW 500	86119	137875	2/17/2023
Power Meter	Keysight Technologies	N1912A	N/A	MY55196007	1/25/2023
Power Sensor	Agilent	N1921A	N/A	MY52270022	1/25/2023
Power Meter	Keysight Technologies	N1912A	N/A	MY55196004	1/26/2023
Power Sensor	Agilent	N1921A	N/A	MY53020038	3/2/2023

5. Measurement Uncertainty

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

Therefore, the measurement uncertainty is not required.

6. Device Under Test (DUT) Information

6.1. DUT Description

The Apple iPhone is a smartphone with multimedia functions (music, application support, and video), cellular GSM, GPRS, EGPRS, UMTS, LTE, 5G, IEEE 802.11a/b/g/n/ac/ax, Bluetooth, Ultra-Wideband, GPS, NFC and MSS. All models except reference model support at least one UICC based SIM. The second SIM is either an UICC based p-SIM (physical SIM) or e-SIM (electronic SIM). The device supports a built-in inductive charging transmitter and receiver. The rechargeable battery is not user accessible.

All Models have the same PCB layout, circuit design, common components, antennas and antenna locations. Their cellular modem, Wi-Fi, BT, NFC, WPT, UWB and MSS transmitters are identical.

The device utilizes two power modes: Mode A(DSI=0) and Mode B(DSI=1). Power selection is determined by the device's positioning and use case as described in Sec. 10. Mode A power is used when the device is used against the user's head, or away from the body. Mode B is used when the device is used in a body-worn configuration by the user.

The WWAN transmit antenna switching mechanism between WWAN antennas is implemented with a physical "break-before-make" switch so that only one antenna can be used for WWAN transmission at one time.

In Airplay mode, the device uses same power and power control mechanism as Wi-Fi. Airplay is not supported in hotspot mode. Airplay utilize the same 802.11 modes, modulation, MIMO, Channel Bandwidth, etc. as Wi-Fi does. Therefore, Airplay usage is categorized by the Wi-Fi SAR testing contained in Section 10.

There are three vendors of the Wi-Fi/Bluetooth radio modules: variant 1, 2, and 3. The Wi-Fi/BT radio modules have the same mechanical outline (e.g., the same package dimension and pin-out layout), use the same on-board antenna matching circuit, have an identical antenna structure, and are built and tested to conform to the same specifications and to operate within the same tolerances. It is confirmed that Variant 1 represents the worst case.

This product utilizes a time-averaged power control mechanism – Wi-Fi Time-Averaged SAR(TAS) within the Wi-Fi chipset – that ensures total power across all Wi-Fi transmitters does not exceed applicable regulatory limits. For further details, refer to the technical description document and Appendix I.

Device Dimension	Overall (Length x Width): 146.71 mm x 71.52 mm Overall Diagonal: 163.07 mm (6.42 inch) Display Diagonal: 153.92 mm (6.06 inch)
Back Cover	The Back Cover is not removable
Battery Options	The rechargeable battery is not user accessible.
Accessory	Headset
Wireless Router (Hotspot)	Wi-Fi Hotspot mode permits the device to share its WWAN data connection with other Wi-Fi-enabled devices. ☒ Mobile Hotspot (Wi-Fi 2.4 GHz) ☒ Mobile Hotspot Wi-Fi 5.2(UNII-1)/5.8 GHz(UNII-3)
AirPlay	AirPlay mode enabled devices transfer data directly between each other ☒ AirPlay (Wi-Fi 2.4 GHz) ☒ AirPlay (Wi-Fi 5 GHz)
Bluetooth Tethering (Hotspot)	BT Tethering mode permits the device to share its cellular data connection with other devices. ☒ BT Tethering (Bluetooth 2.4 GHz)

6.2. Wireless Technologies

Wireless technologies	Frequency bands	Operating mode		Duty Cycle used for SAR testing
GSM	850 1900	Voice (GMSK) GPRS (GMSK) EDGE (8PSK)	GSM Class : B Multi-Slot Class: Class 10 - 2 Up, 4 Down	GSM Voice: 12.5% (E)GPRS: 1 Slot: 12.5% 2 Slots: 25%
		Does this device support DTM (Dual Transfer Mode)? ☐ Yes ☒ No		
W-CDMA (UMTS)	Band 2 Band 4 Band 5	UMTS Rel. 99 (Voice & Data) HSDPA (Rel. 5) HSUPA (Rel. 6) HSPA+ (Rel. 7) DC-HSDPA (Rel. 8)		100%
LTE[4]	FDD Band 2 FDD Band 4 FDD Band 5 FDD Band 7 FDD Band 12 FDD Band 13 FDD Band 14 FDD Band 17 FDD Band 25 FDD Band 26 FDD Band 29 (DL Only) FDD Band 30 TDD Band 41[2] TDD Band 46 (DL Only) TDD Band 48 TDD Band 53 FDD Band 66 FDD Band 71 **Carrier Aggregation**[3] FDD Band 5B FDD Band 7C TDD Band 41C[2] TDD Band 48C	QPSK 16QAM 64AQM 256QAM Carrier Aggregation (2 Uplinks and 6 Downlinks)		100% (FDD) 63.3% (TDD) Power Class 3 43.3% (TDD) Power Class 2 Refer to §6.4
		Does this device support SV-LTE (1xRTT-LTE)? ☐ Yes ☒ No		
5G NR (FR1)	FDD band n2 FDD band n5 FDD band n7 FDD band n12 FDD band n14 FDD band n25 FDD band n26 FDD band n29 (DL Only) FDD band n30 TDD band n41[2] TDD band n53 FDD band n66 FDD band n70 FDD band n71 TDD band n77[2]	CP-OFDM: Pi/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM DFT-s-OFDM: QPSK, 16QAM, 64QAM, 256QAM		100% (FDD) 100% (TDD) Power Class 3 50% (TDD) Power Class 2
Wi-Fi	2.4 GHz[1]	802.11b 802.11g 802.11n (HT20) 802.11ac (HT20) 802.11ax (HE20)		99.89% (802.11b)
	5 GHz[1]	802.11a 802.11n (HT20) 802.11n (HT40) 802.11ac (VHT20) 802.11ac (VHT40) 802.11ac (VHT80)		97.47% (802.11a/n/ac 20MHz BW) 95.75% (802.11n/ac/ax 40MHz BW) 91.43% (802.11n/ac/ax 80MHz BW)

		802.11ax (HE20) 802.11ax (HE40) 802.11ax (HE80)	
		Does this device support bands 5.60 ~ 5.65 GHz? ☒ Yes ☐ No	
		Does this device support Band gap channel(s)? ☒ Yes ☐ No	
Bluetooth	2.4 GHz [1]	BR, EDR, LE, and HDR	100%
NFC[5]	13.56 MHz	Type A/B/F and ISO15693	N/A
UWB[5] (Ultra-Wideband)	6.5 GHz and 8 GHz	BPM-BPSK	100%

Note(s):

1. Duty cycle for Wi-Fi and BT is referenced from the DTS and U-NII and BT reports.
2. This device supports Power Class 2 and Power Class 3.
3. LTE Uplink 2CA is the total combined power of the UL CA.
4. LTE Uplink Cat 13, LTE 3GPP Rel-13 (LTE 3GPP Rel-14 for B41 PC2)
5. UWB and NFC RF exposure testing is categorically excluded.

6.3. General LTE SAR Test and Reporting Considerations

Item	Description						
Frequency range, Channel Bandwidth, Numbers and Frequencies	Band 2	Frequency range: 1850 - 1910 MHz (BW = 60 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	**18700 /1860**	18675/ 1857.5	18650/ 1855	18625/ 1852.5	18615/ 1851.5	18607/ 1850.7
	Mid	**18900/ 1880**	18900/ 1880	18900/ 1880	18900/ 1880	18900/ 1880	18900/ 1880
	High	**19100/ 1900**	19125/ 1902.5	19150/ 1905	19175/ 1907.5	19185/ 1908.5	19193/ 1909.3
	Band 4	Frequency range: 1710 - 1755 MHz (BW = 45 MHz)					
		Channel Bandwidth					
		20 MHz [1]	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	20050/ 1720	20025/ 1717.5	20000/ 1715	19975/ 1712.5	19965/ 1711.5	19957/ 1710.7
	Mid	**20175/ 1732.5**	20175/ 1732.5	20175/ 1732.5	20175/ 1732.5	20175/ 1732.5	20175/ 1732.5
	High	20300/ 1745	20325/ 1747.5	20350/ 1750	20375/ 1752.5	20385/ 1753.5	20393/ 1754.3
	Band 5	Frequency range: 824 - 849 MHz (BW = 25 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz [1]	5 MHz	3 MHz	1.4 MHz
	Low			20450/ 829	20425/ 826.5	20415/ 825.5	20407/ 824.7
	Mid			**20525/ 836.5**	20525/ 836.5	20525/ 836.5	20525/ 836.5
	High			20600/ 844	20625/ 846.5	20635/ 847.5	20643/ 848.3
	Band 7	Frequency range: 2500 - 2570 MHz (BW = 70 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	**20850 2510**	20825 2507.5	20800 2505	20775 2502.5		
	Mid	**21100 2535**	21100 2535	21100 2535	21100 2535		
	High	**21350 2560**	21375 2562.5	21400 2565	21425 2567.5		
	Band 12	Frequency range: 699 – 716 MHz (BW = 17 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz [1]	5 MHz	3 MHz	1.4 MHz
	Low			23060/ 704	23035/ 701.5	23025/ 700.5	23017/ 699.7
	Mid			**23095/ 707.5**	23095/ 707.5	23095/ 707.5	23095/ 707.5
	High			23130/ 711	23155/ 713.5	23165/ 714.5	23173/ 715.3
	Band 13	Frequency range: 777 - 787 MHz (BW = 10 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz [1]	5 MHz [1]	3 MHz	1.4 MHz
	Low				23205/ 779.5		
	Mid			**23230/ 782**	23230/ 782		
	High				23255/ 784.5		
	Band 14	Frequency range: 788 - 798 MHz (BW = 10 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz [1]	5 MHz [1]	3 MHz	1.4 MHz
	Low				23305/ 790.5		
	Mid			**23330/ 793**	23330/ 793		
	High				23355/		

					795.5		
	Band 17	Frequency range: 704 - 716 MHz (BW = 12 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz [1]	5 MHz [1]	3 MHz	1.4 MHz
	Low			23780/ 709	23755/ 706.5		
	Mid			**23790/ 710**	23790/ 710		
	High			23800/ 711	23825/ 713.5		
	Band 25	Frequency range: 1850 - 1915 MHz (BW = 65 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	**26140/ 1860**	26115/ 1857.5	26090/ 1855	26065/ 1852.5	26055/ 1851.5	26047/ 1850.7
	Mid	**26365/ 1882.5**	26365/ 1882.5	26365/ 1882.5	26365/ 1882.5	26365/ 1882.5	26365/ 1882.5
	High	**26590/ 1905**	26615/ 1907.5	26640/ 1910	26665/ 1912.5	26675/ 1913.5	26683/ 1914.3
	Band 26	Frequency range: 814 - 849 MHz (BW = 35 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low			26740/ 819	26715/ 816.5	26705/ 815.5	26697/ 814.7
	Mid			26865/ 831.5	26865/ 831.5	26865/ 831.5	26865/ 831.5
	High			26990/ 844	27015/ 846.5	27025/ 847.5	27033/ 848.3
	Band 30	Frequency range: 2305 - 2315 MHz (BW = 10 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz [1]	5 MHz [1]	3 MHz	1.4 MHz
	Low				27685/ 2307.5		
	Mid			**27710/ 2310**	27710/ 2310		
	High				27735/ 2312.5		
	Band 41[2]	Frequency range: 2496 - 2690 MHz (BW = 194 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	**39750 / 2506.0**					
	Low-Mid	**40185 / 2549.5**					
	Mid	**40620 / 2593.0**					
	Mid-High	**41055 / 2636.5**					
	High	**41490 / 2680.0**					
	Band 48	Frequency range: 3550 - 3700 MHz (BW = 150 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	**55340/ 3560**	55315/ 3557.5	55290/ 3555	55265/ 3552.5		
	Mid-Low	**55773/ 3603.3**	55765/ 3602.5	55757/ 3601.7	55748/ 3600.8		
	Mid-High	**56207/ 3646.7**	56215/ 3647.5	56223/ 3648.3	56232/ 3649.2		
	High	**56640/ 3690**	56665/ 3692.5	56690/ 3695	56715/ 3697.5		
	Band 53	Frequency range: 2483.5 - 2495 MHz (BW = 11.5 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low					2485/ 60115	2484.2/ 60147
	Mid			60197/ 2489.5	60197/ 2489.5	60197/ 2489.5	60197/ 2489.5
	High					2493.5/ 60240	2494.3/ 60248

	Band 66	Frequency range: 1710 - 1780 MHz (BW = 70 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	**132072/ 1720**	132047/ 1717.5	132022/ 1715	131997/ 1712.5	131987/ 1711.5	131979/ 1710.7
	Mid	**132322/ 1745**	132322/ 1745	132322/ 1745	132322/ 1745	132322/ 1745	132322/ 1745
	High	**132572/ 1770**	132597/ 1772.5	132622/ 1775	132647/ 1777.5	132657/ 1778.5	132665/ 1779.3
	Band 71	Frequency range: 663 - 698 MHz (BW = 35 MHz)					
		Channel Bandwidth					
		20 MHz [1]	15 MHz [1]	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	133222/ 673	133197/ 670.5	133172/ 668	133147/ 665.5		
	Mid	**133297/ 680.5**	133297/ 680.5	133297/ 680.5	133297/ 680.5		
	High	133372/ 688	133397/ 690.5	133422/ 693	133447/ 695.5		
LTE transmitter and antenna implementation	LTE can transmit from either ANT1, ANT2, ANT3, ANT4, ANT7, ANT8, and ANT9 Then antenna switching is implemented with a physical, "break-before-make" switch such that only one antenna can be used for LTE transmission at a time.						
Maximum power reduction (MPR)	**Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 1, 2 and 3**						

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

MPR Built-in by design
The manufacturer MPR values are always within the 3GPP maximum MPR allowance but may not follow the default MPR values.
A-MPR (additional MPR) was disabled during SAR testing

Spectrum plots for RB configurations	A properly configured base station simulator was used for the SAR and power measurements; therefore, spectrum plots for each RB allocation and offset configuration are not included in the SAR report.

Notes:

1. Maximum bandwidth does not support at least three non-overlapping channels in certain channel bandwidths. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing per KDB 941225 D05 SAR for LTE Devices.
2. LTE band 41 test channels in accordance with October 2014 TCB workshop for all channels bandwidths.
3. SAR Testing for LTE was performed with the same number of RB and RB offsets transmitting on all TTI frames (maximum TTI).

6.4. 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.

LTE TDD Bands 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.

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$	$7680 \cdot T_s$	$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$
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	$26336 \cdot T_s$			$7680 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$
5	$6592 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$	$20480 \cdot T_s$		
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			-	-	-
9	$13168 \cdot T_s$			-	-	-
10	$13168 \cdot T_s$	$13152 \cdot T_s$	$12800 \cdot T_s$	-	-	-

Table 4.2-2: Uplink-downlink configurations & Calculated Duty Cycle

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	63.3%
1	5 ms	D	S	U	U	D	D	S	U	U	D	43.3%
2	5 ms	D	S	U	D	D	D	S	U	D	D	23.3%
3	10 ms	D	S	U	U	U	D	D	D	D	D	31.7%
4	10 ms	D	S	U	U	D	D	D	D	D	D	21.7%
5	10 ms	D	S	U	D	D	D	D	D	D	D	11.7%
6	5 ms	D	S	U	U	U	D	S	U	U	D	53.3%

Calculated Duty Cycle = Extended cyclic prefix in uplink * (T_s) * # of S + # of U / period

Note(s):

This device supports uplink-downlink configurations 0-6. The configuration with highest duty cycle was used for SAR Testing: configuration 0 at 63.3%(Power Class 3) and configuration 1 at 43.3%(Power Class 2) duty cycle.

6.5. General 5G NR(FR1) SAR Test and Reporting Considerations

n2	SCS (kHz)	Frequency range: 1850 - 1910 MHz (BW = 60 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15										372000 /1860	371500 /1857.5	371000 /1855	370500 /1852.5
Mid	15										376000 /1880	376000 /1880	376000 /1880	376000 /1880
High	15										380000 /1900	380500 /1902.5	381000 /1905	381500 /1907.5

n5	SCS (kHz)	Frequency range: 824 - 849 MHz (BW = 25 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15										166800 /834	166300 /831.5	165800 /829	165300 /826.5
Mid	15										167300 /836.5	167300 /836.5	167300 /836.5	167300 /836.5
High	15										167800 /839	168300 /841.5	168800 /844	169300 /846.5

n7	SCS (kHz)	Frequency range: 2500 - 2570 MHz (BW = 70 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15							504000 /2520	503000 /2515	502500 /2512.5	502000 /2510	501500 /2507.5	501000 /2505	500500 /2502.5
Mid	15							507000 /2535	507000 /2535	507000 /2535	507000 /2535	507000 /2535	507000 /2535	507000 /2535
High	15							510000 /2550	511000 /2555	511500 /2557.5	512000 /2560	512500 /2562.5	513000 /2565	513500 /2567.5

n12	SCS (kHz)	Frequency range: 699 - 716 MHz (BW = 17 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15											141300 /706.5	140800 /704	140300 /701.5
Mid	15											141500 /707.5	141500 /707.5	141500 /707.5
High	15											141700 /708.5	142200 /711	142700 /713.5

n14	SCS (kHz)	Frequency range: 788 - 798 MHz (BW = 10 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15												158600 /793	158100 /790.5
Mid	15												158600 /793	158600 /793
High	15												158600 /793	159100 /795.5

n25	SCS (kHz)	Frequency range: 1850 - 1915 MHz (BW = 65 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15							374000 /1870	373000 /1865	372500 /1862.5	372000 /1860	371500 /1857.5	371000 /1855	370500 /1852.5
Mid	15							376500 /1882.5	376500 /1882.5	376500 /1882.5	376500 /1882.5	376500 /1882.5	376500 /1882.5	376500 /1882.5
High	15							379000 /1895	380000 /1900	380500 /1902.5	381000 /1905	381500 /1907.5	382000 /1910	382500 /1912.5

n26	SCS (kHz)	Frequency range: 814 - 849 MHz (BW = 35 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15										164800 /824	164300 /821.5	163800 /819	163300 /816.5
Mid	15										166300 /831.5	166300 /831.5	166300 /831.5	166300 /831.5
High	15										167800 /839	168300 /841.5	168800 /844	169300 /846.5

n30	SCS (kHz)	Frequency range: 2305 - 2315 MHz (BW = 10 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15													461500 /2307.5
Mid	15												462000 /2310	462000 /2310
High	15													462500 /2312.5

n41	SCS (kHz)	Frequency range: 2496 - 2690 MHz (BW = 194 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	30	509196 /2545.98	508200 /2541	507198 /2535.99	506196 /2530.98	505200 /2526	504198 /2520.99	503196 /2515.98	502200 /2511		501198 /2505.99			
Low-Mid	30	513900 /2569.5	513396 /2566.98	512898 /2564.49	512400 /2562	511896 /2559.48	511398 /2556.99	510900 /2554.5	510396 /2551.98		509898 /2549.49			
Mid	30	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99		518598 /2592.99			
Mid-High	30	523296 /2616.48	523800 /2619	524298 /2621.49	524796 /2623.98	525300 /2626.5	525798 /2628.99	526296 /2631.48	526800 /2634		527298 /2636.49			
High	30	527994 /2639.97	528996 /2644.98	529998 /2649.99	530994 /2654.97	531996 /2659.98	532998 /2664.99	533994 /2669.97	534996 /2674.98		535998 /2679.99			

n53	SCS (kHz)	Frequency range: 2483.5 - 2495 MHz (BW = 11.5 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	30												497700 /2488.5	
Mid	30												497860 /2489.3	
High	30												498000 /2490	

n66	SCS (kHz)	Frequency range: 1710 - 1780 MHz (BW = 70 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15							346000 /1730	345000 /1725		344000 /1720	343500 /1717.5	343000 /1715	342500 /1712.5
Mid	15							349000 /1745	349000 /1745		349000 /1745	349000 /1745	349000 /1745	349000 /1745
High	15							352000 /1760	353000 /1765		354000 /1770	354500 /1772.5	355000 /1775	355500 /1777.5

n70	SCS (kHz)	Frequency range: 1695 - 1710 MHz (BW = 15 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15											340500 /1702.5	340000 /1700	339500 /1697.5
Mid	15											340500 /1702.5	340500 /1702.5	340500 /1702.5
High	15											340500 /1702.5	341000 /1705	341500 /1707.5

n71	SCS (kHz)	Frequency range: 663 - 698 MHz (BW = 35 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15										134600 /673	134100 /670.5	133600 /668	133100 /665.5
Mid	15										136100 /680.5	136100 /680.5	136100 /680.5	136100 /680.5
High	15										137600 /688	138100 /690.5	138600 /693	139100 /695.5

n77	SCS (kHz)	Block A Frequency range: 3450 - 3550 MHz (BW = 100 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	30	633332 /3499.98	633000 /3495	632666 /3489.99	632332 /3484.98	632000 /3480	631666 /3474.99	631332 /3469.98	631000 /3465		630666 /3459.99	630500 /3457.5	630332 /3454.98	
Mid	30	633332 /3499.98	633332 /3499.98	633332 /3499.98	633332 /3499.98	633332 /3499.98	633332 /3499.98	633332 /3499.98	633332 /3499.98		633332 /3499.98	633332 /3499.98	633332 /3499.98	
High	30	633332 /3499.98	633666 /3504.99	633998 /3509.97	634332 /3514.98	634666 /3519.99	634998 /3524.97	635332 /3529.98	635666 /3534.99		635998 /3539.97	636166 /3542.49	636332 /3544.98	

n77	SCS (kHz)	Block C Frequency range: 3700 - 3980 MHz (BW = 280 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	30	649998 /3749.97	649666 /3744.99	649332 /3739.98	648998 /3734.97	648666 /3729.99	648332 /3724.98	647998 /3719.97	647666 /3714.99		647332 /3709.98	647166 /3707.49	646998 /3704.97	
Low - Mid	30	652998 /3794.97	652832 /3792.48	652666 /3789.99	652498 /3787.47	652332 /3784.98	652166 /3782.49	651998 /3779.97	651832 /3777.48		651666 /3774.99	651582 /3773.73	651498 /3772.47	
Mid	30	656000 /3840	656000 /3840	656000 /3840	656000 /3840	656000 /3840	656000 /3840	656000 /3840	656000 /3840		656000 /3840	656000 /3840	656000 /3840	
Mid-High	30	658998 /3884.97	659166 /3887.49	659332 /3889.98	659498 /3892.47	659666 /3894.99	659832 /3897.48	659998 /3899.97	660166 /3902.49		660332 /3904.98	660416 /3906.24	660498 /3907.47	
High	30	661998 /3929.97	662332 /3934.98	662666 /3939.99	662998 /3944.97	663332 /3949.98	663666 /3954.99	663998 /3959.97	664332 /3964.98		664666 /3969.99	664832 /3972.48	664998 /3974.97	

SCS	15 kHz (n2, n5, n7, n12, n14, n25, n26, n30, n66, n70, n71) 30 kHz (n41, n53, n77)
NR(FR1) transmitter and antenna implementation	Refer to section 7 and Appendix A.
A-MPR(Additional MPR) disabled for SAR testing?	Yes

EN-DC Carrier Aggregation Possible Combinations	
LTE Anchor Bands for NR band n2	LTE Band 5/12/13/14/48/66
LTE Anchor Bands for NR band n5	LTE Band 2/7/30/48/66
LTE Anchor Bands for NR band n7	LTE Band 5/12/66
LTE Anchor Bands for NR band n12	LTE Band 2/30/48/66
LTE Anchor Bands for NR band n14	LTE Band 2/30/66
LTE Anchor Bands for NR band n25	LTE Band 12/48/66
LTE Anchor Bands for NR band n26	N/A
LTE Anchor Bands for NR band n30	LTE Band 5/12/14/66
LTE Anchor Bands for NR band n41	LTE Band 2/4/25/26/41/66
LTE Anchor Bands for NR band n53	LTE Band 48

LTE Anchor Bands for NR band n66	LTE Band 2/5/7/12/13/14/30/48/71
LTE Anchor Bands for NR band n70	N/A
LTE Anchor Bands for NR band n71	LTE Band 2/7/48/66
LTE Anchor Bands for NR band n77	LTE Band 2/5/7/12/13/14/30/41/66/71

Notes:

1. Maximum bandwidth does not support at least three non-overlapping channels in certain channel bandwidths. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing per FCC Guidance.
2. SAR test for NR bands and LTE anchor Bands were performed separately due to limitations in SAR probe calibration factors. And, due to test setup limitations, SAR testing for NR was performed using test mode software to establish the connection.
3. FR1 supported standalone.

6.6. Time-Average Feature

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

The purpose of the Part 1 test in this report is to demonstrate that the EUT meets the FCC SAR limits when transmitting in static transmission scenario at maximum allowable time-averaged power levels.

The Smart Transmit algorithm maintains the time-averaged transmit power, in turn, time-averaged RF exposure of SAR_design_target or PD_design_target, below the predefined time-average power limit, for each characterized technology and band.

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

The maximum time-averaged output power (dBm) for any 2G/3G/4G/5G NR WWAN technology band, and DSI = minimum of "P_{limit} EFS" and "Maximum tune up output power P_{max}" includes device uncertainty.

SAR values in this report were scaled to the maximum time-averaged output power to determine compliance following KDB 447498 D01.

P_{design}	The power level that corresponds to the exposure design target (SAR_design_target) after accounting for all device design related uncertainties.
P_{limit}	Maximum tune-up output power for SAR Mode A and Mode B
P_{max}	Maximum tune-up output power for RF
SAR Characterization	Table containing P_{limit} for all technologies and bands

SAR Characterization

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT1	GSM 850 2 slots[1]	0.25	37.59	32.50	31.57	26.48	32.26	32.00	26.24	25.98	32.50	26.48
	GSM 1900 2 slots[1]	0.25	39.06	31.00	33.04	24.98	24.30	23.70	18.28	17.68	31.00	24.98
	W-CDMA B2	1	32.59	25.30	32.59	25.30	17.98	17.70	17.98	17.70	25.70	25.70
	W-CDMA B4	1	27.50	23.70	27.50	23.70	17.78	17.40	17.78	17.40	25.70	25.70
	W-CDMA B5	1	30.96	25.70	30.96	25.70	26.85	25.70	26.85	25.70	25.70	25.70
	LTE Band 5	1	31.02	25.70	31.02	25.70	26.84	25.70	26.84	25.70	25.70	25.70
	LTE Band 7	1	27.38	25.70	27.38	25.70	20.62	20.30	20.62	20.30	25.70	25.70
	LTE Band 12/17	1	33.20	25.70	33.20	25.70	26.98	25.70	26.98	25.70	25.70	25.70
	LTE Band 13	1	31.47	25.70	31.47	25.70	26.35	25.70	26.35	25.70	25.70	25.70
	LTE Band 14	1	31.77	25.70	31.77	25.70	26.63	25.70	26.63	25.70	25.70	25.70
	LTE Band 25/2	1	29.84	25.30	29.84	25.30	18.34	17.70	18.34	17.70	25.70	25.70
	LTE Band 26	1	31.28	25.70	31.28	25.70	26.82	25.70	26.82	25.70	25.70	25.70
	LTE Band 30	1	27.21	25.70	27.21	25.70	22.03	21.80	22.03	21.80	25.70	25.70
	LTE Band 41[1]	0.633	30.07	25.70	28.08	23.71	22.74	22.30	20.76	20.31	25.70	23.71
	LTE Band 41(PC2)[1]	0.433	31.80	28.70	28.17	25.06	N/A	23.90	N/A	N/A	28.70	25.06
	LTE Band 53	0.633	28.79	20.70	26.81	18.71	21.09	20.70	19.10	18.71	20.70	18.71
	LTE Band 66/4	1	28.29	23.70	28.29	23.70	17.73	17.40	17.73	17.40	25.70	25.70
	LTE Band 71	1	33.40	25.70	33.40	25.70	27.47	25.70	27.47	25.70	25.70	25.70
	NR n5	1	32.08	25.70	32.08	25.70	28.17	25.70	28.17	25.70	25.70	25.70
	NR n7	1	27.29	25.70	27.29	25.70	20.92	20.30	20.92	20.30	25.70	25.70
	NR n12	1	31.98	25.70	31.98	25.70	27.13	25.70	27.13	25.70	25.70	25.70
	NR n14	1	31.20	25.70	31.20	25.70	26.83	25.70	26.83	25.70	25.70	25.70
	NR n25/2	1	31.26	25.30	31.26	25.30	18.33	17.70	18.33	17.70	25.70	25.70
	NR n26	1	32.10	25.70	32.10	25.70	26.66	25.70	26.66	25.70	25.70	25.70
	NR n30	1	28.63	25.70	28.63	25.70	22.12	21.80	22.12	21.80	25.70	25.70
	NR n41[1]	1	31.48	25.70	31.48	25.70	20.85	20.30	20.85	20.30	25.70	25.70
	NR n53[1]	1	27.40	20.70	27.40	20.70	21.24	18.90	21.24	18.90	20.70	20.70
	NR n66	1	28.17	23.70	28.17	23.70	18.92	17.40	18.92	17.40	25.70	25.70
	NR n70	1	30.58	23.70	30.58	23.70	17.79	17.40	17.79	17.40	25.70	25.70
	NR n71	1	32.75	25.70	32.75	25.70	27.71	25.70	27.71	25.70	25.70	25.70

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT2	GSM 850 2 slots[1]	0.25	30.31	29.10	24.29	23.08	32.79	31.50	26.77	25.48	31.50	25.48
	GSM 1900 2 slots[1]	0.25	27.58	26.70	21.56	20.68	28.49	28.20	22.47	22.18	28.50	22.48
	W-CDMA B2	1	21.17	20.70	21.17	20.70	22.68	22.20	22.68	22.20	23.40	23.40
	W-CDMA B4	1	20.98	20.50	20.98	20.50	21.47	20.70	21.47	20.70	23.40	23.40
	W-CDMA B5	1	23.38	23.10	23.38	23.10	26.51	24.70	26.51	24.70	24.70	24.70
	LTE Band 5	1	23.42	23.10	23.42	23.10	28.04	24.70	28.04	24.70	24.70	24.70
	LTE Band 7	1	17.15	16.90	17.15	16.90	19.83	18.30	19.83	18.30	23.20	23.20
	LTE Band 12/17	1	23.71	23.40	23.71	23.40	26.37	24.70	26.37	24.70	24.70	24.70
	LTE Band 13	1	24.32	23.80	24.32	23.80	27.43	24.70	27.43	24.70	24.70	24.70
	LTE Band 14	1	24.08	23.80	24.08	23.80	26.08	24.70	26.08	24.70	24.70	24.70
	LTE Band 25/2	1	20.95	20.70	20.95	20.70	22.47	22.20	22.47	22.20	23.40	23.40
	LTE Band 26	1	24.34	23.10	24.34	23.10	26.97	24.70	26.97	24.70	24.70	24.70
	LTE Band 30	1	19.42	19.00	19.42	19.00	21.37	20.50	21.37	20.50	23.20	23.20
	LTE Band 41[1]	0.633	19.77	18.70	17.78	16.71	21.14	19.80	19.16	17.81	25.70	23.71
	LTE Band 53	0.633	17.85	17.60	15.86	15.61	19.89	19.50	17.90	17.51	20.70	18.71
	LTE Band 66/4	1	21.21	20.50	21.21	20.50	20.95	20.70	20.95	20.70	25.70	25.70
	LTE Band 71	1	25.52	24.70	25.52	24.70	27.78	24.70	27.78	24.70	24.70	24.70
	NR n5	1	25.80	23.10	25.80	23.10	28.40	24.70	28.40	24.70	24.70	24.70
	NR n7	1	17.75	16.90	17.75	16.90	19.94	18.30	19.94	18.30	23.20	23.20
	NR n12	1	23.88	23.40	23.88	23.40	26.56	24.70	26.56	24.70	24.70	24.70
	NR n14	1	24.43	23.80	24.43	23.80	26.23	24.70	26.23	24.70	24.70	24.70
	NR n25/2	1	22.12	20.70	22.12	20.70	22.76	22.20	22.76	22.20	23.40	23.40
	NR n26	1	23.54	23.10	23.54	23.10	28.21	24.70	28.21	24.70	24.70	24.70
	NR n30	1	19.48	19.00	19.48	19.00	21.94	20.50	21.94	20.50	23.20	23.20
	NR n41[1]	1	17.78	16.70	17.78	16.70	19.32	17.80	19.32	17.80	25.70	25.70
	NR n53[1]	1	16.04	15.60	16.04	15.60	17.78	17.50	17.78	17.50	20.70	20.70
	NR n66	1	21.27	20.50	21.27	20.50	21.58	20.70	21.58	20.70	25.70	25.70
	NR n70	1	21.26	20.50	21.26	20.50	21.21	20.70	21.21	20.70	25.70	25.70
	NR n71	1	25.19	24.70	25.19	24.70	27.31	24.70	27.31	24.70	24.70	24.70

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		P_{design} (dBm) corresponding to 10 W/kg (SAR_design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design target)	P_{limit} (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT3	GSM 1900 2 slots[1]	0.25	32.65	30.40	26.63	24.38	26.11	25.80	20.09	19.78	30.40	24.38
	W-CDMA B2	1	25.70	25.00	25.70	25.00	20.89	20.20	20.89	20.20	25.20	25.20
	W-CDMA B4	1	27.44	24.80	27.44	24.80	21.49	21.00	21.49	21.00	25.20	25.20
	LTE Band 7	1	27.12	23.60	27.12	23.60	19.72	19.40	19.72	19.40	25.00	25.00
	LTE Band 25/2	1	26.34	25.00	26.34	25.00	20.55	20.20	20.55	20.20	25.20	25.20
	LTE Band 30	1	27.11	23.10	27.11	23.10	21.35	20.50	21.35	20.50	23.10	23.10
	LTE Band 41[1]	0.633	28.47	25.40	26.48	23.41	21.94	20.80	19.96	18.81	25.70	23.71
	LTE Band 66/4	1	27.26	24.80	27.26	24.80	21.32	21.00	21.32	21.00	25.20	25.20
	NR n7	1	26.76	23.60	26.76	23.60	20.36	19.40	20.36	19.40	25.00	25.00
	NR n25/2	1	26.33	25.00	26.33	25.00	20.88	20.20	20.88	20.20	25.20	25.20
	NR n30	1	27.18	23.10	27.18	23.10	21.07	20.50	21.07	20.50	23.10	23.10
	NR n41[1]	1	26.58	23.40	26.58	23.40	20.17	18.80	20.17	18.80	25.70	25.70
	NR n66	1	27.10	24.80	27.10	24.80	21.68	21.00	21.68	21.00	25.20	25.20
	NR n70	1	28.14	24.80	28.14	24.80	21.55	21.00	21.55	21.00	25.20	25.20

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		P_{design} (dBm) corresponding to 10 W/kg (SAR_design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design target)	P_{limit} (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT4	GSM 1900 2 slots[1]	0.25	24.70	24.20	18.68	18.18	26.20	25.70	20.18	19.68	28.00	21.98
	W-CDMA B2	1	19.55	18.20	19.55	18.20	20.00	19.70	20.00	19.70	22.60	22.60
	W-CDMA B4	1	20.31	20.00	20.31	20.00	21.43	21.10	21.43	21.10	22.60	22.60
	LTE Band 7	1	17.63	17.40	17.63	17.40	19.94	19.50	19.94	19.50	23.20	23.20
	LTE Band 25/2	1	18.63	18.20	18.63	18.20	20.41	19.70	20.41	19.70	22.60	22.60
	LTE Band 30	1	18.49	18.00	18.49	18.00	18.50	18.10	18.50	18.10	23.20	23.20
	LTE Band 41[1]	0.633	21.25	19.70	19.26	17.71	21.28	21.00	19.29	19.01	25.70	23.71
	LTE Band 48[1]	0.633	20.80	20.50	18.81	18.51	22.43	22.00	20.44	20.01	25.00	23.01
	LTE Band 66/4	1	20.33	20.00	20.33	20.00	21.52	21.10	21.52	21.10	24.20	24.20
	NR n7	1	18.74	17.40	18.74	17.40	19.86	19.50	19.86	19.50	23.20	23.20
	NR n25/2	1	18.47	18.20	18.47	18.20	20.43	19.70	20.43	19.70	22.60	22.60
	NR n30	1	18.83	18.00	18.83	18.00	18.71	18.10	18.71	18.10	23.20	23.20
	NR n41[1]	1	19.41	17.70	19.41	17.70	19.65	19.00	19.65	19.00	25.70	25.70
	NR n66	1	20.76	20.00	20.76	20.00	21.50	21.10	21.50	21.10	24.20	24.20
	NR n70	1	20.76	20.00	20.76	20.00	21.42	21.10	21.42	21.10	24.20	24.20
	NR n77[1]	1	20.11	19.70	20.11	19.70	19.55	18.50	19.55	18.50	25.00	25.00

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		P_{design} (dBm) corresponding to 10 W/kg (SAR_design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design target)	P_{limit} (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT7	LTE Band 48[1]	0.633	31.48	26.00	29.49	24.01	23.16	22.50	21.18	20.51	26.00	24.01
	NR n77[1]	1	34.41	24.00	34.41	24.00	22.13	19.60	22.13	19.60	25.70	25.70

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table	Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table	Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table	Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT8	LTE Band 48[1]	0.633	25.23	25.00	23.24	23.01	19.58	19.30	17.60	17.31	26.00	24.01
	NR n77[1]	1	22.71	21.60	22.71	21.60	17.61	17.10	17.61	17.10	25.70	25.70

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table	Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table	Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table	Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT9	LTE Band 48[1]	0.633	25.60	21.70	23.61	19.71	20.04	19.70	18.06	17.71	21.70	19.71
	NR n77[1]	1	28.08	21.90	28.08	21.90	16.36	15.80	16.36	15.80	25.70	25.70

Note(s):

1. All P_{limit} EFS and maximum tune up output P_{max} levels entered in above Table correspond to average power levels after accounting for duty cycle in the case of TDD modulation schemes (for e.g., GSM & LTE TDD).

2. Measurement Condition: All conducted power and SAR measurements in this report (Part 1 test) were performed by setting Reserve_power_margin (Smart Transmit EFS entry) to 0 dB.
3. Only P_{limit} is considered for SAR Evaluation.

7. RF Exposure Conditions (Test Configurations)

This device has a total of 9 antennas. From Front of the device, antennas and supported frequencies are described and located as follows:

Antenna	Band	Rear	Front	Edge 1	Edge 2	Edge 3	Edge 4
				(Top Edge)	(Right Edge)	(Bottom Edge)	(Left Edge)
ANT1	GSM 850/1900 WCDMA B2/4/5 LTE B2/4/5/7/12/13/14/17/25/26/30/41/53/66/71 5G(FR1) n2/n5/n7/n12/n14/n25/n26/n30/n41/n53n66/n70/n71 MSS (L-Band)	Yes	Yes	No	Yes	Yes	Yes
ANT2	GSM 850/1900 WCDMA B2/4/5 LTE B2/4/5/7/12/13/14/17/25/26/30/41/53/66/71 5G(FR1) n2/n5/n7/n12/n14/n25/n26/n30/n41/n53n66/n70/n71	Yes	Yes	Yes	Yes	No	Yes
ANT3	GSM 1900 WCDMA B2/4 LTE B2/4/7/25/30/41/66 5G(FR1) n2/n7/n25/n30/n41/n66/n70 Wi-Fi 2.4GHz Bluetooth	Yes	Yes	No	No	Yes	Yes
ANT4	GSM 1900 WCDMA B2/4 LTE B2/4/7/25/30/41/48/66 5G(FR1) n2/n7/n25/n30/n41/n66/n70/n77 MSS (L-Band) Wi-Fi 2.4GHz Bluetooth	Yes	Yes	Yes	Yes	No	No
ANT5	Wi-Fi 5GHz	Yes	Yes	No	No	Yes	Yes
ANT6	Wi-Fi 5GHz	Yes	Yes	Yes	No	No	Yes
ANT7	LTE B48 5G(FR1) n77	Yes	Yes	No	Yes	Yes	No
ANT8	LTE B48 5G(FR1) n77	Yes	Yes	Yes	No	No	Yes
ANT9	LTE B48 5G(FR1) n77	Yes	Yes	No	No	Yes	Yes

Note(s):

1. SAR is not required because the distance from the antenna to the edge is > 25 mm as per KDB 941225 D06 Hotspot Mode.
2. The Body-worn minimum separation distance is 5 mm. To cover both body-worn and hotspot RF exposure conditions testing was performed at a separation distance of 5 mm.

8. Dielectric Property Measurements & System Check

8.1. Dielectric Property Measurements

The temperature of the tissue-equivalent medium used during measurement must also be within 18°C to 25°C and within ± 2°C of the temperature when the tissue parameters are characterized.
The dielectric parameters must be measured before the tissue-equivalent medium is used in a series of SAR measurements. The parameters should be re-measured after each 3 – 4 days of use; or earlier if the dielectric parameters can become out of tolerance; for example, when the parameters are marginal at the beginning of the measurement series.
Tissue dielectric parameters were measured at the low, middle and high frequency of each operating frequency range of the test device.
The dielectric constant (εr) and conductivity (σ) of typical tissue-equivalent media recipes are expected to be within ± 5% of the required target values; but for SAR measurement systems that have implemented the SAR error compensation algorithms documented in IEC/IEEE 62209-1528, to automatically compensate the measured SAR results for deviations between the measured and required tissue dielectric parameters, the tolerance for εr and σ may be relaxed to ± 10%. This is limited to frequencies ≤ 3 GHz.

Tissue Dielectric Parameters

FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz

Target Frequency (MHz)	Head		Body	
	ε_r	σ (S/m)	ε_r	σ (S/m)
150	52.3	0.76	61.9	0.80
300	45.3	0.87	58.2	0.92
450	43.5	0.87	56.7	0.94
835	41.5	0.90	55.2	0.97
900	41.5	0.97	55.0	1.05
915	41.5	0.98	55.0	1.06
1450	40.5	1.20	54.0	1.30
1610	40.3	1.29	53.8	1.40
1800 – 2000	40.0	1.40	53.3	1.52
2450	39.2	1.80	52.7	1.95
3000	38.5	2.40	52.0	2.73
5000	36.2	4.45	49.3	5.07
5100	36.1	4.55	49.1	5.18
5200	36.0	4.66	49.0	5.30
5300	35.9	4.76	48.9	5.42
5400	35.8	4.86	48.7	5.53
5500	35.6	4.96	48.6	5.65
5600	35.5	5.07	48.5	5.77
5700	35.4	5.17	48.3	5.88
5800	35.3	5.27	48.2	6.00

IEC/IEEE 62209-1528

Table 2 – Dielectric properties of the tissue-equivalent medium

Frequency MHz	Real part of the complex relative permittivity, ε_r'	Conductivity, σ S/m	Penetration depth (E-field), δ mm
4	*55,0*	*0,75*	293,0
13	*55,0*	*0,75*	165,5
30	55,0	0,75	112,8
150	52,3	0,76	62,0
300	45,3	0,87	46,1
450	43,5	0,87	43,0
750	*41,9*	*0,89*	39,8
835	41,5	0,90	39,0
900	41,5	0,97	36,2
1 450	40,5	1,20	28,6
1 800	40,0	1,40	24,3
1 900	40,0	1,40	24,3
1 950	40,0	1,40	24,3
2 000	40,0	1,40	24,3
2 100	*39,8*	*1,49*	22,8
2 450	39,2	1,80	18,7
2 600	*39,0*	*1,96*	17,2
3 000	38,5	2,40	14,0
3 500	*37,9*	*2,91*	11,4
4 000	*37,4*	*3,43*	10,0
4 500	*36,8*	*3,94*	9,7
5 000	*36,2*	*4,45*	1,5
5 200	*36,0*	*4,66*	8,4
5 400	*35,8*	*4,86*	8,1
5 600	*35,5*	*5,07*	7,5
5 800	35,3	5,27	7,3
6 000	*35,1*	*5,48*	7,0
6 500	*34,5*	*6,07*	6,7
7 000	*33,9*	*6,65*	6,4
7 500	*33,3*	*7,24*	6,1
8 000	*32,7*	*7,84*	5,9
8 500	*32,1*	*8,46*	5,3
9 000	*31,6*	*9,08*	4,8
9 500	*31,0*	*9,71*	4,4
10 000	*30,4*	*10,40*	4,0

NOTE For convenience, permittivity and conductivity values are linearly interpolated for frequencies that are not a part of the original data from Drossos et al. [2]. They are shown in italics in Table 2. The italicized values are linearly interpolated (below 5800 MHz) or extrapolated (above 5800 MHz) from the non-italicized values that are immediately above and below these values.

Dielectric Property Measurements Results:

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
A	5/16/2022	1900	Head	1900	38.40	40.00	-4.00%	1.37	1.40	-2.07%
				1850	38.50	40.00	-3.75%	1.34	1.40	-4.00%
				1920	38.35	40.00	-4.13%	1.39	1.40	-0.93%
A	5/18/2022	1900	Head	1900	41.57	40.00	3.93%	1.46	1.40	4.36%
				1850	41.42	40.00	3.55%	1.44	1.40	3.07%
				1920	41.58	40.00	3.95%	1.47	1.40	4.79%
A	5/22/2022	1900	Head	1900	38.26	40.00	-4.35%	1.45	1.40	3.79%
				1850	38.39	40.00	-4.03%	1.42	1.40	1.43%
				1920	38.23	40.00	-4.43%	1.47	1.40	4.79%
A	5/26/2022	1900	Head	1900	38.35	40.00	-4.13%	1.40	1.40	0.00%
				1850	38.39	40.00	-4.03%	1.38	1.40	-1.57%
				1920	38.35	40.00	-4.13%	1.41	1.40	0.79%
A	5/29/2022	1900	Head	1900	39.93	40.00	-0.18%	1.40	1.40	0.00%
				1850	39.98	40.00	-0.05%	1.37	1.40	-2.21%
				1920	39.90	40.00	-0.25%	1.42	1.40	1.07%
A	6/2/2022	1900	Head	1900	41.56	40.00	3.90%	1.43	1.42	0.99%
				1850	41.53	40.00	3.83%	1.40	1.40	-0.07%
				1920	41.55	40.00	3.87%	1.45	1.40	3.50%
A	6/5/2022	1900	Head	1900	38.98	40.00	-2.55%	1.45	1.40	3.29%
				1850	39.06	40.00	-2.35%	1.42	1.40	1.29%
				1920	38.95	40.00	-2.62%	1.46	1.40	4.14%
A	6/9/2022	1900	Head	1900	39.60	40.00	-1.00%	1.44	1.40	2.50%
				1850	39.70	40.00	-0.75%	1.40	1.40	0.14%
				1920	39.56	40.00	-1.10%	1.45	1.40	3.36%
A	6/12/2022	1900	Head	1900	39.42	40.00	-1.45%	1.39	1.40	-0.86%
				1850	39.47	40.00	-1.33%	1.36	1.40	-2.64%
				1920	39.42	40.00	-1.45%	1.40	1.40	-0.07%
A	6/16/2022	1900	Head	1900	41.48	40.00	3.70%	1.42	1.40	1.21%
				1850	41.52	40.00	3.80%	1.39	1.40	-1.07%
				1920	41.43	40.00	3.58%	1.43	1.40	2.07%
A	6/19/2022	1900	Head	1900	38.51	40.00	-3.73%	1.39	1.40	-1.00%
				1850	38.60	40.00	-3.50%	1.36	1.40	-2.93%
				1920	38.48	40.00	-3.80%	1.40	1.40	-0.21%
A	6/23/2022	1900	Head	1900	39.75	40.00	-0.63%	1.46	1.40	4.07%
				1850	39.84	40.00	-0.40%	1.43	1.40	2.07%
				1920	39.72	40.00	-0.70%	1.47	1.40	4.79%
A	6/26/2022	1900	Head	1900	39.30	40.00	-1.75%	1.44	1.40	3.14%
				1850	39.43	40.00	-1.43%	1.42	1.40	1.29%
				1920	39.25	40.00	-1.88%	1.46	1.40	4.00%
A	6/30/2022	1900	Head	1900	38.56	40.00	-3.60%	1.45	1.40	3.21%
				1850	38.71	40.00	-3.23%	1.42	1.40	1.64%
				1920	38.50	40.00	-3.75%	1.45	1.40	3.71%
A	7/3/2022	1900	Head	1900	39.88	40.00	-0.30%	1.36	1.40	-2.64%
				1850	38.94	40.00	-2.65%	1.34	1.40	-4.50%
				1920	38.87	40.00	-2.83%	1.37	1.40	-1.86%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
B	5/16/2022	1750	Head	1750	39.18	40.08	-2.26%	1.32	1.37	-3.29%
				1695	39.33	40.17	-2.09%	1.29	1.34	-3.58%
				1755	39.17	40.08	-2.26%	1.33	1.37	-3.19%
B	5/18/2022	1750	Head	1750	39.02	40.08	-2.66%	1.36	1.37	-0.51%
				1695	39.17	40.17	-2.49%	1.35	1.34	0.68%
				1755	38.98	40.08	-2.74%	1.37	1.37	-0.50%
B	5/22/2022	1750	Head	1750	38.15	40.08	-4.83%	1.41	1.37	2.78%
				1695	38.19	40.17	-4.93%	1.38	1.34	3.29%
				1755	38.16	40.08	-4.78%	1.41	1.37	2.71%
B	5/26/2022	1750	Head	1750	41.04	40.08	2.38%	1.33	1.37	-2.70%
				1695	41.08	40.17	2.27%	1.30	1.34	-3.14%
				1755	41.03	40.08	2.38%	1.33	1.37	-2.90%
B	5/29/2022	1750	Head	1750	38.72	40.08	-3.40%	1.41	1.37	3.29%
				1695	38.82	40.17	-3.36%	1.39	1.34	3.52%
				1755	38.71	40.08	-3.41%	1.42	1.37	3.30%
B	6/2/2022	1750	Head	1750	38.48	40.08	-4.00%	1.43	1.37	4.38%
				1695	38.56	40.17	-4.01%	1.39	1.34	4.19%
				1755	38.47	40.08	-4.01%	1.43	1.37	4.17%
B	6/5/2022	1750	Head	1750	38.94	40.08	-2.86%	1.41	1.37	2.85%
				1695	39.05	40.17	-2.79%	1.38	1.34	2.77%
				1755	38.93	40.08	-2.86%	1.41	1.37	2.86%
B	6/9/2022	1750	Head	1750	39.88	40.08	-0.51%	1.37	1.37	0.15%
				1695	40.00	40.17	-0.42%	1.34	1.34	0.08%
				1755	39.87	40.08	-0.52%	1.37	1.37	0.09%
B	6/12/2022	1750	Head	1750	38.41	40.08	-4.18%	1.39	1.37	1.46%
				1695	38.32	40.17	-4.60%	1.36	1.34	1.65%
				1755	38.41	40.08	-4.16%	1.39	1.37	1.47%
B	6/16/2022	1750	Head	1750	38.41	40.08	-4.18%	1.40	1.37	2.56%
				1695	38.49	40.17	-4.18%	1.37	1.34	2.69%
				1755	38.40	40.08	-4.18%	1.41	1.37	2.57%
B	6/19/2022	1750	Head	1750	39.09	40.08	-2.48%	1.32	1.37	-3.36%
				1695	39.16	40.17	-2.51%	1.30	1.34	-3.14%
				1755	39.08	40.08	-2.49%	1.33	1.37	-3.41%
B	6/23/2022	1750	Head	1750	40.57	40.08	1.21%	1.39	1.37	1.39%
				1695	40.67	40.17	1.25%	1.35	1.34	1.05%
				1755	40.56	40.08	1.21%	1.39	1.37	1.47%
B	6/26/2022	1750	Head	1750	38.93	40.08	-2.88%	1.40	1.37	2.49%
				1695	39.02	40.17	-2.86%	1.37	1.34	2.40%
				1755	38.92	40.08	-2.89%	1.41	1.37	2.49%
B	6/30/2022	1750	Head	1750	39.14	40.08	-2.36%	1.35	1.37	-1.09%
				1695	39.21	40.17	-2.39%	1.33	1.34	-0.97%
				1755	39.14	40.08	-2.34%	1.35	1.37	-1.30%
B	7/3/2022	1750	Head	1750	38.72	40.08	-3.40%	1.39	1.37	1.54%
				1695	38.82	40.17	-3.36%	1.36	1.34	1.50%
				1755	38.71	40.08	-3.41%	1.39	1.37	1.55%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
C	5/16/2022	1900	Head	1900	38.32	40.00	-4.20%	1.42	1.40	1.21%
				1850	38.13	40.00	-4.67%	1.42	1.40	1.07%
				1920	38.26	40.00	-4.35%	1.41	1.40	0.93%
C	5/16/2022	1750	Head	1750	38.24	40.08	-4.60%	1.36	1.37	-0.73%
				1695	38.69	40.17	-3.68%	1.30	1.34	-2.76%
				1755	38.23	40.08	-4.61%	1.37	1.37	-0.06%
C	5/18/2022	1750	Head	1750	39.91	40.08	-0.44%	1.34	1.37	-1.97%
				1695	39.94	40.17	-0.57%	1.31	1.34	-2.01%
				1755	39.90	40.08	-0.44%	1.35	1.37	-1.88%
C	5/18/2022	1900	Head	1900	39.68	40.00	-0.80%	1.44	1.40	2.57%
				1850	39.77	40.00	-0.57%	1.41	1.40	0.57%
				1920	39.66	40.00	-0.85%	1.45	1.40	3.57%
C	5/22/2022	1750	Head	1750	38.91	40.08	-2.93%	1.36	1.37	-0.66%
				1695	38.93	40.17	-3.09%	1.34	1.34	0.08%
				1755	38.91	40.08	-2.91%	1.36	1.37	-0.71%
C	5/22/2022	1900	Head	1900	38.71	40.00	-3.23%	1.45	1.40	3.86%
				1850	38.81	40.00	-2.97%	1.42	1.40	1.29%
				1920	38.69	40.00	-3.28%	1.47	1.40	4.64%
C	5/26/2022	1750	Head	1750	39.01	40.08	-2.68%	1.39	1.37	1.46%
				1695	39.08	40.17	-2.71%	1.36	1.34	1.42%
				1755	39.00	40.08	-2.69%	1.39	1.37	1.47%
C	5/26/2022	1900	Head	1900	38.08	40.00	-4.80%	1.45	1.40	3.79%
				1850	38.15	40.00	-4.63%	1.43	1.40	1.79%
				1920	38.05	40.00	-4.88%	1.47	1.40	4.64%
C	5/29/2022	1750	Head	1750	41.02	40.08	2.33%	1.39	1.37	1.17%
				1695	41.08	40.17	2.27%	1.35	1.34	1.12%
				1755	41.01	40.08	2.33%	1.39	1.37	1.18%
C	5/29/2022	1900	Head	1900	38.48	40.00	-3.80%	1.44	1.40	3.14%
				1850	38.56	40.00	-3.60%	1.41	1.40	1.00%
				1920	38.46	40.00	-3.85%	1.46	1.40	4.00%
C	6/2/2022	1750	Head	1750	38.97	40.08	-2.78%	1.37	1.37	0.22%
				1695	39.07	40.17	-2.74%	1.35	1.34	0.68%
				1755	38.97	40.08	-2.76%	1.37	1.35	2.00%
C	6/2/2022	1900	Head	1900	38.81	40.00	-2.97%	1.46	1.40	4.00%
				1850	38.92	40.00	-2.70%	1.43	1.40	1.79%
				1920	38.78	40.00	-3.05%	1.47	1.40	4.86%
C	6/5/2022	1750	Head	1750	38.75	40.08	-3.33%	1.36	1.37	-0.87%
				1695	38.85	40.17	-3.28%	1.32	1.34	-1.12%
				1755	38.74	40.08	-3.34%	1.36	1.37	-1.08%
C	6/5/2022	1900	Head	1900	38.42	40.00	-3.95%	1.46	1.40	4.00%
				1850	38.50	40.00	-3.75%	1.43	1.40	2.07%
				1920	38.39	40.00	-4.03%	1.47	1.40	4.86%
C	6/9/2022	1750	Head	1750	38.95	40.08	-2.83%	1.34	1.37	-2.48%
				1695	39.15	40.17	-2.54%	1.29	1.34	-3.28%
				1755	38.93	40.08	-2.86%	1.34	1.37	-2.39%
C	6/9/2022	1900	Head	1900	38.69	40.00	-3.28%	1.42	1.40	1.07%
				1850	38.73	40.00	-3.18%	1.39	1.40	-1.00%
				1920	38.70	40.00	-3.25%	1.43	1.40	1.79%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
C	6/12/2022	1750	Head	1750	39.65	40.08	-1.08%	1.36	1.37	-0.44%
				1695	39.72	40.17	-1.12%	1.34	1.34	-0.15%
				1755	39.65	40.08	-1.07%	1.37	1.37	-0.20%
C	6/12/2022	1900	Head	1900	39.42	40.00	-1.45%	1.45	1.40	3.50%
				1850	39.48	40.00	-1.30%	1.42	1.40	1.64%
				1920	39.41	40.00	-1.48%	1.46	1.40	4.36%
C	6/16/2022	1750	Head	1750	39.32	40.08	-1.91%	1.33	1.37	-2.85%
				1695	39.42	40.17	-1.87%	1.30	1.34	-2.76%
				1755	39.31	40.08	-1.91%	1.33	1.37	-2.83%
C	6/16/2022	1900	Head	1900	39.11	40.00	-2.23%	1.43	1.40	2.29%
				1850	39.16	40.00	-2.10%	1.40	1.40	-0.29%
				1920	39.09	40.00	-2.27%	1.44	1.40	3.14%
C	6/19/2022	1750	Head	1750	40.42	40.08	0.84%	1.42	1.37	3.80%
				1695	40.53	40.17	0.90%	1.39	1.34	3.89%
				1755	40.41	40.08	0.83%	1.42	1.37	3.81%
C	6/19/2022	1900	Head	1900	39.07	40.00	-2.33%	1.38	1.40	-1.36%
				1850	39.16	40.00	-2.10%	1.36	1.40	-3.21%
				1920	39.04	40.00	-2.40%	1.39	1.40	-0.57%
C	6/23/2022	1750	Head	1750	38.89	40.08	-2.98%	1.41	1.37	2.85%
				1695	39.00	40.17	-2.91%	1.38	1.34	3.14%
				1755	38.88	40.08	-2.99%	1.41	1.37	2.86%
C	6/23/2022	1900	Head	1900	38.06	40.00	-4.85%	1.38	1.40	-1.64%
				1850	38.17	40.00	-4.58%	1.35	1.40	-3.93%
				1920	38.02	40.00	-4.95%	1.39	1.40	-0.71%
C	6/26/2022	1750	Head	1750	41.35	40.08	3.16%	1.39	1.37	1.68%
				1695	41.46	40.17	3.21%	1.35	1.34	0.83%
				1755	41.34	40.08	3.15%	1.40	1.37	1.69%
C	6/26/2022	1900	Head	1900	38.85	40.00	-2.88%	1.44	1.40	2.57%
				1850	38.91	40.00	-2.73%	1.41	1.40	0.36%
				1920	38.83	40.00	-2.93%	1.45	1.40	3.50%
C	6/30/2022	1750	Head	1750	40.24	40.08	0.39%	1.40	1.37	2.12%
				1695	40.25	40.17	0.20%	1.37	1.34	2.40%
				1755	40.24	40.08	0.41%	1.40	1.37	2.13%
C	6/30/2022	1900	Head	1900	38.90	40.00	-2.75%	1.38	1.40	-1.43%
				1850	38.81	40.00	-2.97%	1.37	1.40	-2.50%
				1920	38.91	40.00	-2.73%	1.38	1.40	-1.29%
C	7/3/2022	1750	Head	1750	40.46	40.08	0.94%	1.39	1.37	1.46%
				1695	40.55	40.17	0.95%	1.36	1.34	1.35%
				1755	40.45	40.08	0.93%	1.39	1.37	1.47%
C	7/3/2022	1900	Head	1900	38.42	40.00	-3.95%	1.45	1.40	3.36%
				1850	38.47	40.00	-3.83%	1.41	1.40	0.79%
				1920	38.39	40.00	-4.03%	1.46	1.40	4.43%
C	7/7/2022	1750	Head	1750	38.67	40.08	-3.53%	1.42	1.37	3.58%
				1695	38.76	40.17	-3.51%	1.38	1.34	3.29%
				1755	38.65	40.08	-3.56%	1.42	1.37	3.59%
C	7/7/2022	1900	Head	1900	38.50	40.00	-3.75%	1.39	1.40	-0.93%
				1850	38.52	40.00	-3.70%	1.36	1.40	-3.21%
				1920	38.45	40.00	-3.87%	1.40	1.40	0.14%
C	7/10/2022	1750	Head	1750	40.04	40.08	-0.11%	1.41	1.37	2.70%
				1695	40.08	40.17	-0.22%	1.37	1.34	2.47%
				1755	40.03	40.08	-0.12%	1.41	1.37	2.71%
C	7/10/2022	1900	Head	1900	41.56	40.00	3.90%	1.42	1.40	1.64%
				1850	41.72	40.00	4.30%	1.39	1.40	-0.86%
				1920	41.28	40.00	3.85%	1.44	1.40	2.57%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
D	5/16/2022	2300	Head	2300	37.99	39.47	-3.76%	1.60	1.66	-3.71%
				2350	37.51	39.38	-4.76%	1.70	1.71	-0.33%
				2400	37.86	39.30	-3.66%	1.74	1.75	-0.66%
D	5/19/2022	2300	Head	2300	39.99	39.47	1.31%	1.66	1.66	-0.28%
				2350	39.90	39.38	1.31%	1.70	1.71	-0.63%
				2400	39.79	39.30	1.26%	1.73	1.75	-1.12%
D	5/22/2022	2300	Head	2300	38.09	39.47	-3.50%	1.64	1.66	-1.73%
				2350	38.03	39.38	-3.44%	1.67	1.71	-2.27%
				2400	37.94	39.30	-3.45%	1.70	1.75	-2.89%
D	5/26/2022	2300	Head	2300	38.46	39.47	-2.57%	1.66	1.66	-0.34%
				2350	38.36	39.38	-2.60%	1.70	1.71	-0.68%
				2400	38.26	39.30	-2.64%	1.73	1.75	-1.24%
D	5/29/2022	2300	Head	2300	38.16	39.47	-3.33%	1.67	1.66	0.56%
				2350	38.05	39.38	-3.39%	1.71	1.71	0.31%
				2400	37.95	39.30	-3.43%	1.75	1.75	-0.15%
D	6/2/2022	2300	Head	2300	41.26	39.47	4.53%	1.69	1.66	1.52%
				2350	41.14	39.38	4.46%	1.73	1.71	1.31%
				2400	40.87	39.30	4.00%	1.79	1.75	2.08%
D	6/5/2022	2300	Head	2300	41.05	39.47	4.00%	1.70	1.66	2.24%
				2350	40.95	39.38	3.97%	1.74	1.71	1.95%
				2400	40.82	39.30	3.88%	1.78	1.75	1.73%
D	6/9/2022	2300	Head	2300	39.50	39.47	0.07%	1.73	1.66	3.68%
				2350	39.35	39.38	-0.09%	1.74	1.71	1.77%
				2400	39.19	39.30	-0.27%	1.80	1.75	2.87%
D	6/12/2022	2300	Head	2300	39.46	39.47	-0.03%	1.72	1.66	3.56%
				2350	39.38	39.38	-0.01%	1.76	1.71	2.95%
				2400	39.29	39.30	-0.02%	1.79	1.75	2.25%
D	6/16/2022	2300	Head	2300	40.14	39.47	1.69%	1.65	1.66	-1.13%
				2350	40.04	39.38	1.66%	1.68	1.71	-1.91%
				2400	39.89	39.30	1.51%	1.73	1.75	-1.06%
D	6/19/2022	2300	Head	2300	39.80	39.47	0.83%	1.69	1.66	1.64%
				2350	39.72	39.38	0.85%	1.73	1.71	1.19%
				2400	39.62	39.30	0.82%	1.76	1.75	0.71%
D	6/23/2022	2300	Head	2300	37.66	39.47	-4.59%	1.61	1.66	-3.05%
				2350	37.58	39.38	-4.58%	1.65	1.71	-3.50%
				2400	37.49	39.30	-4.60%	1.68	1.75	-4.09%
D	6/26/2022	2300	Head	2300	39.30	39.47	-0.44%	1.71	1.66	2.48%
				2350	39.24	39.38	-0.37%	1.74	1.71	1.83%
				2400	39.06	39.30	-0.60%	1.78	1.75	1.62%
D	6/30/2022	2300	Head	2300	38.11	39.47	-3.45%	1.65	1.66	-0.77%
				2350	38.07	39.38	-3.34%	1.69	1.71	-1.21%
				2400	38.08	39.30	-3.10%	1.73	1.75	-1.52%
D	7/3/2022	2300	Head	2300	37.93	39.47	-3.91%	1.74	1.66	4.40%
				2350	37.84	39.38	-3.92%	1.78	1.71	4.06%
				2400	37.75	39.30	-3.94%	1.81	1.75	3.56%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
E	5/15/2022	2450	Head	2450	39.24	39.20	0.10%	1.80	1.80	0.22%
				2400	39.31	39.30	0.03%	1.77	1.75	0.76%
				2500	39.14	39.14	0.01%	1.84	1.85	-0.65%
E	5/19/2022	2450	Head	2450	39.64	39.20	1.12%	1.81	1.80	0.39%
				2400	39.71	39.30	1.05%	1.81	1.75	3.16%
				2500	39.54	39.14	1.03%	1.89	1.85	1.83%
E	5/23/2022	2450	Head	2450	38.01	39.20	-3.04%	1.76	1.80	-2.28%
				2400	38.07	39.30	-3.12%	1.72	1.75	-1.75%
				2500	37.92	39.14	-3.11%	1.79	1.85	-3.24%
E	5/26/2022	2450	Head	2450	39.42	39.20	0.56%	1.86	1.80	3.44%
				2400	39.53	39.30	0.59%	1.82	1.75	3.90%
				2500	39.26	39.14	0.31%	1.91	1.85	2.96%
E	5/29/2022	2450	Head	2450	40.78	39.20	4.03%	1.73	1.80	-3.78%
				2400	40.78	39.30	3.77%	1.69	1.75	-3.69%
				2500	40.70	39.14	3.99%	1.77	1.85	-4.48%
E	6/2/2022	2450	Head	2450	38.15	39.20	-2.68%	1.81	1.80	0.78%
				2400	38.24	39.30	-2.69%	1.77	1.75	0.99%
				2500	38.01	39.14	-2.88%	1.86	1.85	0.43%
E	6/5/2022	2450	Head	2450	40.66	39.20	3.72%	1.81	1.80	0.28%
				2400	40.73	39.30	3.65%	1.76	1.75	0.36%
				2500	40.54	39.14	3.59%	1.85	1.85	-0.43%
E	6/9/2022	2450	Head	2450	38.00	39.20	-3.06%	1.73	1.80	-3.78%
				2400	38.05	39.30	-3.17%	1.69	1.75	-3.58%
				2500	37.94	39.14	-3.06%	1.77	1.85	-4.53%
E	6/12/2022	2450	Head	2450	38.36	39.20	-2.14%	1.75	1.80	-2.67%
				2400	38.41	39.30	-2.26%	1.71	1.75	-2.32%
				2500	38.28	39.14	-2.19%	1.79	1.85	-3.45%
E	6/16/2022	2450	Head	2450	39.95	39.20	1.91%	1.82	1.80	0.94%
				2400	40.01	39.30	1.82%	1.78	1.75	1.62%
				2500	39.86	39.14	1.85%	1.86	1.85	0.05%
E	6/19/2022	2450	Head	2450	41.15	39.20	4.97%	1.78	1.80	-0.94%
				2400	41.23	39.30	4.92%	1.74	1.75	-0.49%
				2500	41.05	39.14	4.89%	1.82	1.85	-1.89%
E	6/23/2022	2450	Head	2450	39.25	39.20	0.13%	1.83	1.80	1.50%
				2400	39.33	39.30	0.08%	1.79	1.75	2.08%
				2500	39.12	39.14	-0.04%	1.87	1.85	0.86%
E	6/26/2022	2450	Head	2450	37.45	39.20	-4.46%	1.77	1.80	-1.44%
				2400	37.56	39.30	-4.42%	1.73	1.75	-1.01%
				2500	37.39	39.14	-4.46%	1.81	1.85	-2.21%
E	6/30/2022	2450	Head	2450	40.27	39.20	2.73%	1.75	1.80	-2.78%
				2400	40.35	39.30	2.68%	1.71	1.75	-2.49%
				2500	40.15	39.14	2.59%	1.80	1.85	-3.19%
E	7/3/2022	2450	Head	2450	38.35	39.20	-2.17%	1.86	1.80	3.17%
				2400	38.50	39.30	-2.03%	1.82	1.75	3.90%
				2500	38.25	39.14	-2.27%	1.90	1.85	2.48%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
F	5/15/2022	5250	Head	5250	36.71	35.93	2.16%	4.60	4.70	-2.17%
				5150	36.72	36.05	1.87%	4.53	4.60	-1.47%
				5350	36.64	35.82	2.29%	4.68	4.80	-2.57%
F	5/19/2022	5250	Head	5250	35.32	35.93	-1.71%	4.55	4.70	-3.32%
				5150	35.56	36.05	-1.35%	4.45	4.60	-3.37%
				5350	35.08	35.82	-2.06%	4.66	4.80	-3.07%
F	5/22/2022	5250	Head	5250	36.34	35.93	1.13%	4.59	4.70	-2.43%
				5150	36.52	36.05	1.31%	4.48	4.60	-2.63%
				5350	36.17	35.82	0.98%	4.70	4.80	-2.24%
F	5/26/2022	5250	Head	5250	34.38	35.93	-4.32%	4.52	4.70	-3.94%
				5150	34.63	36.05	-3.93%	4.42	4.60	-3.84%
				5350	34.15	35.82	-4.66%	4.65	4.80	-3.30%
F	5/29/2022	5250	Head	5250	34.63	35.93	-3.63%	4.49	4.70	-4.60%
				5150	34.85	36.05	-3.32%	4.37	4.60	-4.97%
				5350	34.43	35.82	-3.88%	4.61	4.80	-4.01%
F	6/2/2022	5250	Head	5250	36.89	35.93	2.66%	4.67	4.70	-0.73%
				5150	37.09	36.05	2.89%	4.57	4.60	-0.71%
				5350	36.69	35.82	2.43%	4.78	4.80	-0.43%
F	6/5/2022	5250	Head	5250	37.43	35.93	4.17%	4.73	4.70	0.57%
				5150	37.67	36.05	4.50%	4.61	4.60	0.26%
				5350	37.26	35.82	4.02%	4.84	4.80	0.78%
F	6/8/2022	5250	Head	5250	36.67	35.93	2.05%	4.60	4.70	-2.21%
				5150	36.85	36.05	2.23%	4.48	4.60	-2.58%
				5350	36.48	35.82	1.85%	4.71	4.80	-1.88%
F	6/12/2022	5250	Head	5250	37.04	35.93	3.08%	4.58	4.70	-2.51%
				5150	37.28	36.05	3.42%	4.46	4.60	-3.00%
				5350	36.90	35.82	3.02%	4.68	4.80	-2.67%
F	6/16/2022	5250	Head	5250	37.15	35.93	3.39%	4.53	4.70	-3.75%
				5150	37.41	36.05	3.78%	4.41	4.60	-4.22%
				5350	36.91	35.82	3.05%	4.65	4.80	-3.21%
F	6/19/2022	5250	Head	5250	34.94	35.93	-2.76%	4.56	4.70	-3.07%
				5150	35.12	36.05	-2.57%	4.45	4.60	-3.24%
				5350	34.76	35.82	-2.96%	4.67	4.80	-2.90%
F	6/23/2022	5250	Head	5250	34.46	35.93	-4.10%	4.59	4.70	-2.36%
				5150	34.65	36.05	-3.88%	4.48	4.60	-2.60%
				5350	34.28	35.82	-4.30%	4.68	4.80	-2.51%
F	6/26/2022	5250	Head	5250	37.34	35.93	3.92%	4.71	4.70	0.17%
				5150	37.50	36.05	4.03%	4.59	4.60	-0.15%
				5350	37.15	35.82	3.72%	4.83	4.80	0.43%
F	6/30/2022	5250	Head	5250	34.68	35.93	-3.49%	4.53	4.70	-3.66%
				5150	34.95	36.05	-3.04%	4.42	4.60	-3.82%
				5350	34.48	35.82	-3.74%	4.65	4.80	-3.19%
F	7/3/2022	5250	Head	5250	34.59	35.93	-3.74%	4.63	4.70	-1.49%
				5150	34.79	36.05	-3.49%	4.52	4.60	-1.65%
				5350	34.36	35.82	-4.07%	4.73	4.80	-1.63%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
G	5/15/2022	5600	Head	5600	33.81	35.53	-4.85%	4.87	5.06	-3.80%
				5500	33.97	35.65	-4.71%	4.77	4.96	-3.87%
				5725	33.68	35.39	-4.84%	5.02	5.19	-3.32%
G	5/17/2022	5600	Head	5600	35.30	35.53	-0.66%	4.86	5.06	-3.96%
				5500	35.46	35.65	-0.53%	4.73	4.96	-4.52%
				5725	35.08	35.39	-0.88%	5.01	5.19	-3.36%
G	5/21/2022	5600	Head	5600	37.24	35.53	4.80%	4.95	5.06	-2.14%
				5500	37.41	35.65	4.94%	4.82	4.96	-2.76%
				5725	37.07	35.39	4.74%	5.14	5.19	-0.99%
G	5/25/2022	5600	Head	5600	37.09	35.53	4.38%	4.86	5.06	-3.92%
				5500	37.25	35.65	4.49%	4.74	4.96	-4.38%
				5725	36.89	35.39	4.23%	5.02	5.19	-3.28%
G	5/29/2022	5600	Head	5600	34.65	35.53	-2.49%	4.84	5.06	-4.29%
				5500	34.86	35.65	-2.21%	4.72	4.96	-4.90%
				5725	34.43	35.39	-2.72%	5.01	5.19	-3.51%
G	6/2/2022	5600	Head	5600	36.95	35.53	3.99%	5.10	5.06	0.75%
				5500	37.17	35.65	4.27%	4.96	4.96	-0.04%
				5725	36.75	35.39	3.84%	5.25	5.19	1.27%
G	6/5/2022	5600	Head	5600	34.23	35.53	-3.67%	4.89	5.06	-3.38%
				5500	34.44	35.65	-3.39%	4.76	4.96	-3.97%
				5725	34.02	35.39	-3.87%	5.03	5.19	-3.13%
G	6/9/2022	5600	Head	5600	35.28	35.53	-0.71%	5.06	5.06	-0.04%
				5500	35.45	35.65	-0.56%	4.94	4.96	-0.44%
				5725	35.01	35.39	-1.08%	5.21	5.19	0.44%
G	6/12/2022	5600	Head	5600	37.06	35.53	4.29%	4.86	5.06	-3.88%
				5500	37.25	35.65	4.49%	4.74	4.96	-4.40%
				5725	36.87	35.39	4.18%	5.01	5.19	-3.36%
G	6/16/2022	5600	Head	5600	36.06	35.53	1.48%	4.90	5.06	-3.23%
				5500	36.30	35.65	1.83%	4.75	4.96	-4.25%
				5725	35.91	35.39	1.47%	5.05	5.19	-2.60%
G	6/19/2022	5600	Head	5600	36.59	35.53	2.97%	4.83	5.06	-4.47%
				5500	36.74	35.65	3.06%	4.73	4.96	-4.52%
				5725	36.38	35.39	2.79%	4.99	5.19	-3.92%
G	6/23/2022	5600	Head	5600	35.64	35.53	0.30%	5.13	5.06	1.36%
				5500	35.83	35.65	0.51%	5.01	4.96	0.97%
				5725	35.38	35.39	-0.03%	5.28	5.19	1.85%
G	6/26/2022	5600	Head	5600	36.75	35.53	3.42%	5.14	5.06	1.58%
				5500	36.93	35.65	3.60%	5.03	4.96	1.45%
				5725	36.46	35.39	3.02%	5.29	5.19	1.98%
G	6/30/2022	5600	Head	5600	36.65	35.53	3.14%	4.83	5.06	-4.61%
				5500	36.80	35.65	3.23%	4.72	4.96	-4.86%
				5725	36.44	35.39	2.96%	4.97	5.19	-4.17%
G	7/3/2022	5600	Head	5600	35.01	35.53	-1.47%	5.15	5.06	1.81%
				5450	35.23	35.70	-1.33%	5.01	4.91	2.02%
				5750	34.61	35.36	-2.13%	5.33	5.21	2.25%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
H	5/15/2022	5750	Head	5750	36.71	35.36	3.81%	4.96	5.21	-4.79%
				5700	36.79	35.42	3.87%	4.91	5.16	-4.91%
				5850	36.60	35.30	3.68%	5.07	5.32	-4.79%
H	5/19/2022	5750	Head	5750	36.98	35.36	4.57%	5.09	5.21	-2.41%
				5700	37.04	35.42	4.57%	5.02	5.16	-2.74%
				5850	36.91	35.30	4.56%	5.20	5.32	-2.26%
H	5/22/2022	5750	Head	5750	35.63	35.36	0.76%	5.12	5.21	-1.89%
				5700	35.73	35.42	0.88%	5.06	5.16	-1.95%
				5850	35.48	35.30	0.51%	5.22	5.32	-1.84%
H	5/26/2022	5750	Head	5750	36.93	35.36	4.43%	5.14	5.21	-1.45%
				5700	37.02	35.42	4.52%	5.09	5.16	-1.46%
				5850	36.73	35.30	4.05%	5.26	5.32	-1.17%
H	5/29/2022	5750	Head	5750	35.52	35.36	0.44%	5.00	5.21	-4.10%
				5700	35.65	35.42	0.65%	4.93	5.16	-4.45%
				5850	35.36	35.30	0.17%	5.13	5.32	-3.57%
H	6/2/2022	5750	Head	5750	34.75	35.30	-1.59%	5.02	5.27	-3.61%
				5700	34.90	35.42	-1.47%	4.93	5.16	-4.58%
				5850	34.69	35.30	-1.73%	5.13	5.32	-3.63%
H	6/3/2022	2450	Head	2450	38.47	39.20	-1.86%	1.78	1.80	-1.33%
				2400	38.53	39.30	-1.95%	1.74	1.75	-0.61%
				2500	38.37	39.14	-1.96%	1.81	1.85	-2.16%
H	6/5/2022	5750	Head	5750	36.61	35.36	3.53%	5.09	5.21	-2.30%
				5700	36.69	35.42	3.59%	5.05	5.16	-2.14%
				5850	36.44	35.30	3.23%	5.20	5.32	-2.26%
H	6/8/2022	5750	Head	5750	35.94	35.36	1.63%	5.01	5.21	-3.91%
				5700	36.06	35.42	1.81%	4.94	5.16	-4.31%
				5850	35.79	35.30	1.39%	5.11	5.32	-3.95%
H	6/8/2022	2450	Head	2450	40.46	39.20	3.21%	1.74	1.80	-3.17%
				2400	40.53	39.30	3.14%	1.71	1.75	-2.61%
				2500	40.39	39.14	3.20%	1.78	1.85	-4.21%
H	6/12/2022	5750	Head	5750	36.98	35.36	4.57%	5.00	5.21	-4.12%
				5700	37.09	35.42	4.72%	4.92	5.16	-4.62%
				5850	36.90	35.30	4.53%	5.10	5.32	-4.15%
H	6/16/2022	5750	Head	5750	36.98	35.36	4.49%	4.99	5.21	-4.37%
				5700	37.07	35.42	4.66%	4.93	5.16	-4.43%
				5850	36.79	35.30	4.22%	5.10	5.32	-4.17%
H	6/19/2022	5750	Head	5750	36.57	35.36	3.41%	5.07	5.21	-2.76%
				5700	36.67	35.42	3.53%	5.02	5.16	-2.84%
				5850	36.44	35.30	3.23%	5.17	5.32	-2.76%
H	6/22/2022	2450	Head	2450	37.87	39.20	-3.39%	1.74	1.80	-3.33%
				2400	37.96	39.30	-3.40%	1.71	1.75	-2.66%
				2500	37.77	39.14	-3.49%	1.77	1.85	-4.48%
H	6/23/2022	5750	Head	5750	36.06	35.36	1.97%	5.01	5.21	-3.93%
				5700	36.19	35.42	2.17%	4.96	5.16	-3.96%
				5850	35.90	35.30	1.70%	5.11	5.32	-3.87%
H	6/26/2022	5750	Head	5750	35.68	35.36	0.90%	5.06	5.21	-3.01%
				5700	35.80	35.42	1.07%	4.99	5.16	-3.34%
				5850	35.55	35.30	0.71%	5.16	5.32	-2.97%
H	6/29/2022	2300	Head	2300	40.35	39.47	2.22%	1.65	1.66	-1.01%
				2350	40.30	39.38	2.32%	1.69	1.71	-1.33%
				2400	40.25	39.30	2.43%	1.72	1.75	-2.04%
H	6/30/2022	5750	Head	5750	36.73	35.36	3.87%	5.10	5.21	-2.14%
				5700	36.86	35.42	4.07%	5.06	5.16	-2.04%
				5850	36.58	35.30	3.63%	5.23	5.32	-1.62%
H	7/3/2022	2300	Head	2300	38.43	39.47	-2.64%	1.61	1.66	-3.05%
				2350	38.35	39.38	-2.63%	1.65	1.71	-3.61%
				2400	38.27	39.30	-2.61%	1.68	1.75	-4.38%
H	7/3/2022	5750	Head	5750	36.56	35.36	3.39%	4.98	5.21	-4.50%
				5700	36.66	35.42	3.50%	4.92	5.16	-4.68%
				5850	36.62	35.30	3.74%	5.09	5.32	-4.25%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
1	5/16/2022	2600	Head	2600	40.12	39.01	2.84%	1.89	1.96	-3.68%
				2495	40.37	39.14	3.13%	1.80	1.85	-2.63%
				2690	39.98	38.90	2.78%	1.96	2.06	-4.83%
1	5/19/2022	2600	Head	2600	38.82	39.01	-0.49%	1.89	1.96	-3.73%
				2495	39.00	39.14	-0.37%	1.80	1.85	-2.69%
				2690	38.67	38.90	-0.58%	1.96	2.06	-4.73%
1	5/22/2022	2600	Head	2600	39.23	39.01	0.56%	1.89	1.96	-3.47%
				2495	39.42	39.14	0.71%	1.80	1.85	-2.58%
				2690	39.07	38.90	0.44%	1.96	2.06	-4.68%
1	5/26/2022	2600	Head	2600	38.00	39.01	-2.59%	1.91	1.96	-2.81%
				2495	38.19	39.14	-2.44%	1.82	1.85	-1.66%
				2690	37.80	38.90	-2.82%	1.98	2.06	-4.05%
1	5/29/2022	2600	Head	2600	37.49	39.01	-3.90%	1.94	1.96	-1.13%
				2495	37.66	39.14	-3.79%	1.85	1.85	0.13%
				2690	37.31	38.90	-4.08%	2.01	2.06	-2.26%
1	6/2/2022	2600	Head	2600	37.93	39.01	-2.77%	1.89	1.96	-3.58%
				2495	38.12	39.14	-2.61%	1.81	1.85	-2.14%
				2690	37.76	38.90	-2.92%	1.96	2.06	-4.93%
1	6/5/2022	2600	Head	2600	37.82	39.01	-3.05%	1.91	1.96	-2.81%
				2495	38.04	39.14	-2.82%	1.83	1.85	-1.01%
				2690	37.68	38.90	-3.13%	1.98	2.06	-3.91%
1	6/9/2022	2600	Head	2600	37.57	39.01	-3.69%	1.92	1.96	-1.94%
				2495	37.71	39.14	-3.66%	1.84	1.85	-0.63%
				2690	37.40	38.90	-3.85%	2.00	2.06	-2.98%
1	6/12/2022	2600	Head	2600	37.83	39.0	-3.03%	2.02	1.96	2.74%
				2495	38.06	39.1	-2.77%	1.93	1.85	4.62%
				2690	37.65	38.9	-3.21%	2.09	2.06	1.34%
1	6/16/2022	2600	Head	2600	37.19	39.01	-4.67%	1.97	1.96	0.25%
				2495	37.39	39.14	-4.48%	1.89	1.85	2.07%
				2690	37.02	38.90	-4.83%	2.04	2.06	-1.19%
1	6/19/2022	2600	Head	2600	38.19	39.0	-2.10%	1.90	1.96	-2.96%
				2495	38.40	39.1	-1.90%	1.82	1.85	-1.77%
				2690	38.01	38.9	-2.28%	1.98	2.06	-3.91%
1	6/23/2022	2600	Head	2600	38.53	39.01	-1.23%	1.89	1.96	-3.47%
				2495	38.74	39.14	-1.03%	1.81	1.85	-1.93%
				2690	38.36	38.90	-1.38%	1.96	2.06	-4.88%
1	6/26/2022	2600	Head	2600	37.22	39.0	-4.59%	1.90	1.96	-3.42%
				2495	37.43	39.1	-4.38%	1.82	1.85	-1.71%
				2690	37.06	38.9	-4.72%	1.96	2.06	-4.83%
1	6/30/2022	2600	Head	2600	37.74	39.01	-3.26%	1.92	1.96	-2.25%
				2495	37.88	39.14	-3.23%	1.83	1.85	-1.01%
				2690	37.57	38.90	-3.41%	2.00	2.06	-3.08%
1	7/3/2022	2600	Head	2600	37.97	39.0	-2.67%	1.95	1.96	-0.62%
				2495	38.22	39.1	-2.36%	1.87	1.85	0.99%
				2690	37.80	38.9	-2.82%	2.02	2.06	-1.82%
1	7/7/2022	2600	Head	2600	38.19	39.01	-2.10%	1.90	1.96	-3.27%
				2495	38.36	39.14	-2.00%	1.82	1.85	-1.44%
				2690	38.04	38.90	-2.20%	1.97	2.06	-4.59%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
2	6/16/2022	2600	Head	2600	38.45	39.01	-1.44%	2.00	1.96	1.88%
				2495	38.67	39.14	-1.21%	1.92	1.85	3.59%
				2690	38.27	38.90	-1.61%	2.08	2.06	0.80%
2	6/20/2022	2600	Head	2600	37.62	39.01	-3.57%	1.94	1.96	-1.13%
				2495	37.82	39.14	-3.38%	1.86	1.85	0.40%
				2690	37.44	38.90	-3.75%	2.01	2.06	-2.35%
2	6/23/2022	2600	Head	2600	40.62	39.01	4.12%	1.97	1.96	0.40%
				2495	40.81	39.14	4.26%	1.88	1.85	1.70%
				2690	40.42	38.90	3.91%	2.05	2.06	-0.46%
2	6/27/2022	2600	Head	2600	37.63	39.01	-3.54%	1.93	1.96	-1.89%
				2495	37.82	39.14	-3.38%	1.84	1.85	-0.36%
				2690	37.45	38.90	-3.72%	1.99	2.06	-3.18%
2	6/30/2022	2600	Head	2600	37.79	39.01	-3.13%	1.92	1.96	-2.05%
				2495	37.95	39.14	-3.05%	1.84	1.85	-0.63%
				2690	37.63	38.90	-3.26%	2.00	2.06	-3.03%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
3	5/18/2022	3500	Head	3500	38.20	37.93	0.71%	2.97	2.91	1.97%
				3400	38.28	38.04	0.62%	2.95	2.81	4.83%
				3600	37.47	37.82	-0.91%	3.08	3.01	2.09%
3	5/22/2022	3500	Head	3500	39.61	37.93	4.43%	2.80	2.91	-3.97%
				3400	39.71	38.04	4.38%	2.71	2.81	-3.68%
				3600	39.34	37.82	4.03%	2.91	3.01	-3.41%
3	5/26/2022	3500	Head	3500	39.26	37.93	3.51%	2.80	2.91	-3.80%
				3400	39.38	38.04	3.51%	2.75	2.81	-2.18%
				3600	38.88	37.82	2.81%	2.93	3.01	-2.82%
3	5/26/2022	3700	Head	3700	38.78	37.70	2.86%	3.00	3.12	-3.70%
				3600	38.88	37.82	2.81%	2.93	3.01	-2.82%
				3800	38.53	37.59	2.51%	3.12	3.22	-2.94%
3	5/28/2022	3900	Head	3900	38.06	37.47	1.57%	3.34	3.32	0.52%
				3800	38.23	37.59	1.71%	3.23	3.22	0.48%
				4000	37.88	37.36	1.39%	3.44	3.42	0.58%
3	5/29/2022	3500	Head	3500	39.00	37.93	2.82%	3.01	2.91	3.38%
				3400	39.21	38.04	3.07%	2.91	2.81	3.51%
				3600	38.81	37.82	2.63%	3.12	3.01	3.49%
3	6/1/2022	3700	Head	3700	36.74	37.70	-2.55%	3.01	3.12	-3.34%
				3600	36.92	37.82	-2.37%	2.92	3.01	-3.25%
				3800	36.56	37.59	-2.73%	3.11	3.22	-3.28%
3	6/5/2022	3500	Head	3500	39.02	37.93	2.87%	2.98	2.91	2.49%
				3400	39.45	38.04	3.70%	2.90	2.81	3.27%
				3600	38.97	37.82	3.05%	3.08	3.01	2.06%
3	6/5/2022	3700	Head	3700	38.72	37.70	2.70%	3.17	3.12	1.76%
				3600	38.97	37.82	3.05%	3.08	3.01	2.19%
				3800	38.41	37.59	2.19%	3.28	3.22	1.91%
3	6/9/2022	3500	Head	3500	37.08	37.93	-2.24%	2.82	2.91	-3.18%
				3400	37.29	38.04	-1.98%	2.74	2.81	-2.61%
				3600	36.91	37.82	-2.39%	2.91	3.01	-3.55%
3	6/9/2022	3700	Head	3700	36.73	37.70	-2.58%	3.00	3.12	-3.67%
				3600	36.91	37.82	-2.39%	2.91	3.01	-3.45%
				3800	36.55	37.59	-2.76%	3.10	3.22	-3.75%
3	6/12/2022	3500	Head	3500	37.15	37.93	-2.06%	2.78	2.91	-4.55%
				3400	37.34	38.04	-1.85%	2.70	2.81	-4.03%
				3600	36.98	37.82	-2.21%	2.87	3.01	-4.94%
3	6/12/2022	3700	Head	3700	37.43	37.70	-0.72%	2.98	3.12	-4.40%
				3600	37.61	37.82	-0.54%	2.89	3.01	-4.11%
				3800	37.26	37.59	-0.87%	3.07	3.22	-4.55%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
3	6/16/2022	3500	Head	3500	36.45	37.93	-3.90%	2.85	2.91	-2.01%
				3400	36.65	38.04	-3.66%	2.77	2.81	-1.50%
				3600	36.26	37.82	-4.11%	2.94	3.01	-2.42%
3	6/16/2022	3700	Head	3700	36.06	37.70	-4.35%	3.03	3.12	-2.73%
				3600	36.26	37.82	-4.11%	2.94	3.01	-2.45%
				3800	35.86	37.59	-4.60%	3.12	3.22	-2.97%
3	6/19/2022	3500	Head	3500	37.44	37.93	-1.29%	2.78	2.91	-4.62%
				3400	37.60	38.04	-1.17%	2.69	2.81	-4.10%
				3600	37.28	37.82	-1.42%	2.87	3.01	-4.94%
3	6/19/2022	3700	Head	3700	37.31	37.70	-1.04%	2.97	3.12	-4.82%
				3600	37.46	37.82	-0.94%	2.87	3.01	-4.71%
				3800	37.14	37.59	-1.19%	3.06	3.22	-4.80%
3	6/23/2022	3500	Head	3500	39.53	37.93	4.22%	2.80	2.91	-3.90%
				3400	39.71	38.04	4.38%	2.71	2.81	-3.43%
				3600	39.36	37.82	4.08%	2.89	3.01	-4.28%
3	6/23/2022	3700	Head	3700	39.20	37.70	3.97%	2.98	3.12	-4.50%
				3600	39.36	37.82	4.08%	2.89	3.01	-4.28%
				3800	39.03	37.59	3.84%	3.07	3.22	-4.58%
3	6/24/2022	2600	Head	2600	40.84	39.01	4.69%	1.95	1.96	-0.52%
				2495	41.03	39.14	4.82%	1.86	1.85	0.78%
				2690	40.68	38.90	4.58%	2.03	2.06	-1.58%
3	6/26/2022	3500	Head	3500	38.19	37.93	0.69%	2.78	2.91	-4.69%
				3400	38.39	38.04	0.91%	2.69	2.81	-4.28%
				3600	38.00	37.82	0.49%	2.86	3.01	-4.97%
3	6/26/2022	3700	Head	3700	38.05	37.70	0.92%	2.96	3.12	-4.88%
				3600	38.19	37.82	0.99%	2.88	3.01	-4.61%
				3800	37.82	37.59	0.62%	3.06	3.22	-4.99%
3	6/30/2022	3500	Head	3500	39.63	37.93	4.48%	2.77	2.91	-4.83%
				3400	39.81	38.04	4.64%	2.68	2.81	-4.57%
				3600	39.47	37.82	4.38%	2.86	3.01	-4.97%
3	6/30/2022	3700	Head	3700	39.30	37.70	4.24%	2.96	3.12	-4.92%
				3600	39.46	37.82	4.35%	2.87	3.01	-4.81%
				3800	39.14	37.59	4.13%	3.06	3.22	-4.86%
3	7/3/2022	3500	Head	3500	38.57	37.93	1.69%	2.88	2.91	-1.15%
				3400	38.90	38.04	2.25%	2.83	2.81	0.63%
				3600	38.44	37.82	1.65%	2.98	3.01	-1.26%
3	7/3/2022	3700	Head	3700	38.26	37.70	1.48%	3.07	3.12	-1.55%
				3600	38.44	37.82	1.65%	2.98	3.01	-1.26%
				3800	37.97	37.59	1.02%	3.17	3.22	-1.60%
3	7/7/2022	3500	Head	3500	37.24	37.93	-1.82%	2.87	2.91	-1.60%
				3400	37.46	38.04	-1.53%	2.77	2.81	-1.33%
				3600	37.04	37.82	-2.05%	2.96	3.01	-1.69%
3	7/7/2022	3700	Head	3700	36.84	37.70	-2.28%	3.06	3.12	-1.71%
				3600	37.04	37.82	-2.05%	2.96	3.01	-1.69%
				3800	36.64	37.59	-2.52%	3.17	3.22	-1.63%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
4	5/16/2022	3500	Head	3500	39.08	37.93	3.03%	2.80	2.91	-3.90%
				3400	39.26	38.04	3.20%	2.71	2.81	-3.64%
				3600	38.91	37.82	2.89%	2.89	3.01	-4.01%
4	5/19/2022	3500	Head	3500	39.42	37.93	3.93%	2.78	2.91	-4.45%
				3400	39.55	38.04	3.96%	2.71	2.81	-3.71%
				3600	39.09	37.82	3.37%	2.88	3.01	-4.51%
4	5/22/2022	3500	Head	3500	39.63	37.93	4.48%	2.77	2.91	-4.93%
				3400	39.66	38.04	4.25%	2.68	2.81	-4.64%
				3600	39.38	37.82	4.14%	2.91	3.01	-3.61%
4	5/26/2022	3500	Head	3500	39.11	37.93	3.11%	2.95	2.91	1.39%
				3400	39.29	38.04	3.28%	2.85	2.81	1.56%
				3600	38.81	37.82	2.63%	3.08	3.01	2.03%
4	5/26/2022	3700	Head	3700	38.81	37.70	2.94%	3.20	3.12	2.53%
				3600	38.81	37.82	2.63%	3.08	3.01	2.03%
				3800	38.53	37.59	2.51%	3.32	3.22	3.25%
4	5/29/2022	3500	Head	3500	39.79	37.93	4.90%	2.77	2.91	-4.73%
				3400	39.94	38.04	4.98%	2.69	2.81	-4.35%
				3600	39.65	37.82	4.85%	2.87	3.01	-4.87%
4	5/29/2022	3700	Head	3700	39.51	37.70	4.80%	2.96	3.12	-4.98%
				3600	39.65	37.82	4.85%	2.87	3.01	-4.87%
				3800	39.35	37.59	4.69%	3.06	3.22	-4.89%
4	6/1/2022	3500	Head	3500	36.16	37.93	-4.67%	2.82	2.91	-3.08%
				3400	36.33	38.04	-4.50%	2.74	2.81	-2.47%
				3600	36.01	37.82	-4.77%	2.91	3.01	-3.31%
4	6/3/2022	3900	Head	3900	36.93	37.47	-1.45%	3.18	3.32	-4.30%
				3800	37.08	37.59	-1.35%	3.07	3.22	-4.71%
				4000	36.70	37.36	-1.76%	3.26	3.42	-4.80%
4	6/5/2022	3900	Head	3900	38.41	37.47	2.50%	3.17	3.32	-4.69%
				3800	38.58	37.59	2.64%	3.06	3.22	-4.86%
				4000	38.27	37.36	2.44%	3.26	3.42	-4.74%
4	6/5/2022	3500	Head	3500	39.09	37.93	3.06%	2.78	2.91	-4.45%
				3400	39.23	38.04	3.12%	2.70	2.81	-3.96%
				3600	38.88	37.82	2.81%	2.87	3.01	-4.71%
4	6/9/2022	3500	Head	3500	39.06	37.93	2.98%	2.78	2.91	-4.62%
				3400	39.22	38.04	3.09%	2.69	2.81	-4.17%
				3600	38.90	37.82	2.87%	2.87	3.01	-4.91%
4	6/9/2022	3500	Head	3900	39.30	37.47	4.87%	3.16	3.32	-4.75%
				3800	39.45	37.59	4.96%	3.06	3.22	-4.86%
				4000	39.15	37.36	4.79%	3.27	3.42	-4.59%
4	6/10/2022	3700	Head	3700	38.87	37.70	3.10%	2.96	3.12	-4.88%
				3600	39.03	37.82	3.21%	2.87	3.01	-4.74%
				3800	38.71	37.59	2.99%	3.06	3.22	-4.89%
4	6/12/2022	3500	Head	3500	37.04	37.93	-2.35%	2.78	2.91	-4.59%
				3400	37.22	38.04	-2.17%	2.70	2.81	-4.07%
				3600	36.85	37.82	-2.55%	2.87	3.01	-4.94%
4	6/12/2022	3700	Head	3700	36.95	37.70	-1.99%	2.97	3.12	-4.82%
				3600	37.13	37.82	-1.81%	2.88	3.01	-4.54%
				3800	36.77	37.59	-2.17%	3.06	3.22	-4.99%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
4	6/13/2022	3900	Head	3900	39.13	37.47	4.42%	3.20	3.32	-3.73%
				3800	39.29	37.59	4.53%	3.10	3.22	-3.68%
				4000	38.97	37.36	4.31%	3.30	3.42	-3.72%
4	6/16/2022	3500	Head	3500	38.94	37.93	2.66%	2.84	2.91	-2.36%
				3400	39.14	38.04	2.88%	2.75	2.81	-2.00%
				3600	38.76	37.82	2.50%	2.94	3.01	-2.55%
4	6/16/2022	3700	Head	3700	38.57	37.70	2.30%	3.03	3.12	-2.67%
				3600	38.76	37.82	2.50%	2.94	3.01	-2.45%
				3800	38.38	37.59	2.11%	3.13	3.22	-2.69%
4	6/16/2022	3900	Head	3900	38.21	37.47	1.97%	3.23	3.32	-2.62%
				3800	38.38	37.59	2.11%	3.13	3.22	-2.69%
				4000	38.03	37.36	1.80%	3.34	3.42	-2.52%
4	6/19/2022	3500	Head	3500	39.40	37.93	3.88%	2.77	2.91	-4.73%
				3400	39.57	38.04	4.01%	2.69	2.81	-4.28%
				3600	39.24	37.82	3.77%	2.86	3.01	-4.97%
4	6/19/2022	3700	Head	3700	39.12	37.70	3.76%	2.96	3.12	-4.92%
				3600	39.28	37.82	3.87%	2.87	3.01	-4.81%
				3800	38.96	37.59	3.65%	3.06	3.22	-4.89%
4	6/19/2022	3900	Head	3900	38.79	37.47	3.51%	3.16	3.32	-4.87%
				3800	38.96	37.59	3.65%	3.06	3.22	-4.93%
				4000	38.65	37.36	3.46%	3.26	3.42	-4.83%
4	6/23/2022	3500	Head	3500	39.71	37.93	4.69%	2.84	2.91	-2.39%
				3400	39.89	38.04	4.85%	2.75	2.81	-2.04%
				3600	39.54	37.82	4.56%	2.94	3.01	-2.62%
4	6/23/2022	3700	Head	3700	39.37	37.70	4.43%	3.03	3.12	-2.73%
				3600	39.54	37.82	4.56%	2.94	3.01	-2.62%
				3800	39.21	37.59	4.32%	3.13	3.22	-2.78%
4	6/23/2022	3900	Head	3900	39.05	37.47	4.21%	3.23	3.32	-2.71%
				3800	39.21	37.59	4.32%	3.13	3.22	-2.78%
				4000	38.89	37.36	4.10%	3.33	3.42	-2.60%
4	6/24/2022	2600	Head	2600	37.18	39.01	-4.69%	1.97	1.96	0.45%
				2495	37.37	39.14	-4.53%	1.89	1.85	2.18%
				2690	37.02	38.90	-4.83%	2.04	2.06	-0.99%
4	6/26/2022	3500	Head	3500	38.91	37.93	2.58%	2.81	2.91	-3.59%
				3400	39.14	38.04	2.88%	2.72	2.81	-3.07%
				3600	38.74	37.82	2.44%	2.90	3.01	-3.78%
4	6/26/2022	3700	Head	3700	38.58	37.70	2.33%	2.99	3.12	-4.05%
				3600	38.74	37.82	2.44%	2.90	3.01	-3.78%
				3800	38.37	37.59	2.08%	3.08	3.22	-4.24%
4	6/26/2022	3900	Head	3900	38.21	37.47	1.97%	3.19	3.32	-3.97%
				3800	38.37	37.59	2.08%	3.08	3.22	-4.30%
				4000	38.06	37.36	1.88%	3.28	3.42	-4.27%
4	7/1/2022	2600	Head	2600	38.20	39.01	-2.08%	1.93	1.96	-1.74%
				2495	38.39	39.14	-1.92%	1.84	1.85	-0.52%
				2690	37.99	38.90	-2.33%	2.00	2.06	-2.79%
4	7/3/2022	3500	Head	3500	39.61	37.93	4.43%	2.77	2.91	-4.79%
				3400	39.76	38.04	4.51%	2.68	2.81	-4.46%
				3600	39.45	37.82	4.32%	2.87	3.01	-4.87%
4	7/3/2022	3700	Head	3700	39.31	37.70	4.27%	2.96	3.12	-4.98%
				3600	39.45	37.82	4.32%	2.87	3.01	-4.87%
				3800	39.14	37.59	4.13%	3.06	3.22	-4.93%
4	7/3/2022	3900	Head	3900	39.00	37.47	4.07%	3.16	3.32	-4.72%
				3800	39.14	37.59	4.13%	3.06	3.22	-4.93%
				4000	38.85	37.36	3.99%	3.26	3.42	-4.65%
4	7/7/2022	3500	Head	3500	38.55	37.93	1.64%	2.83	2.91	-2.97%
				3400	38.74	38.04	1.83%	2.73	2.81	-2.75%
				3600	38.36	37.82	1.44%	2.92	3.01	-3.08%
4	7/7/2022	3900	Head	3900	37.84	37.47	0.98%	3.23	3.32	-2.80%
				3800	38.01	37.59	1.12%	3.12	3.22	-3.03%
				4000	37.67	37.36	0.83%	3.33	3.42	-2.60%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
6	5/18/2022	3900	Head	3900	36.39	37.47	-2.89%	3.37	3.32	1.36%
				3800	36.88	37.59	-1.88%	3.28	3.22	1.88%
				4000	36.27	37.36	-2.92%	3.51	3.42	2.45%
6	5/22/2022	3900	Head	3900	36.50	37.47	-2.60%	3.31	3.32	-0.33%
				3800	36.59	37.59	-2.65%	3.20	3.22	-0.51%
				4000	36.20	37.36	-3.10%	3.45	3.42	0.84%
6	5/26/2022	3900	Head	3900	37.89	37.47	1.11%	3.24	3.32	-2.34%
				3800	38.08	37.59	1.31%	3.19	3.22	-1.01%
				4000	37.63	37.36	0.72%	3.42	3.42	-0.21%
6	5/28/2022	3500	Head	3500	39.59	37.93	4.38%	2.83	2.91	-2.97%
				3400	39.75	38.04	4.49%	2.74	2.81	-2.64%
				3600	39.44	37.82	4.30%	2.92	3.01	-3.12%
6	5/31/2022	3900	Head	3900	38.90	37.47	3.81%	3.40	3.32	2.32%
				3800	39.10	37.59	4.02%	3.28	3.22	2.03%
				4000	38.70	37.36	3.59%	3.51	3.42	2.59%
6	6/1/2022	3500	Head	3500	37.45	37.93	-1.26%	2.86	2.91	-1.77%
				3400	37.62	38.04	-1.11%	2.77	2.81	-1.29%
				3600	37.27	37.82	-1.44%	2.95	3.01	-2.05%
6	6/5/2022	3500	Head	3500	38.94	37.93	2.66%	2.79	2.91	-4.35%
				3400	39.14	38.04	2.88%	2.69	2.81	-4.35%
				3600	38.78	37.82	2.55%	2.87	3.01	-4.87%
6	6/5/2002	3900	Head	3900	39.17	37.47	4.53%	3.23	3.32	-2.83%
				3800	39.32	37.59	4.61%	3.11	3.22	-3.43%
				4000	38.96	37.36	4.28%	3.32	3.42	-3.16%
6	6/9/2022	3500	Head	3500	38.42	37.93	1.29%	2.78	2.91	-4.42%
				3400	38.60	38.04	1.46%	2.70	2.81	-3.93%
				3600	38.26	37.82	1.18%	2.87	3.01	-4.74%
6	6/9/2022	3900	Head	3900	37.77	37.47	0.79%	3.16	3.32	-4.78%
				3800	37.93	37.59	0.91%	3.06	3.22	-4.83%
				4000	37.62	37.36	0.70%	3.26	3.42	-4.74%
6	6/12/2022	3500	Head	3500	37.82	37.93	-0.29%	2.80	2.91	-3.73%
				3400	38.00	38.04	-0.11%	2.72	2.81	-3.21%
				3600	37.64	37.82	-0.46%	2.89	3.01	-4.08%
6	6/12/2022	3700	Head	3700	37.46	37.70	-0.64%	2.98	3.12	-4.37%
				3600	37.64	37.82	-0.46%	2.89	3.01	-4.08%
				3800	37.29	37.59	-0.79%	3.07	3.22	-4.52%
6	6/12/2022	3900	Head	3900	37.13	37.47	-0.92%	3.17	3.32	-4.57%
				3800	37.29	37.59	-0.79%	3.07	3.22	-4.52%
				4000	36.97	37.36	-1.04%	3.27	3.42	-4.59%
6	6/16/2022	3500	Head	3500	39.48	37.93	4.09%	2.82	2.91	-3.25%
				3400	39.66	38.04	4.25%	2.73	2.81	-2.86%
				3600	39.31	37.82	3.95%	2.91	3.01	-3.48%
6	6/16/2022	3700	Head	3700	39.14	37.70	3.82%	3.00	3.12	-3.58%
				3600	39.31	37.82	3.95%	2.91	3.01	-3.48%
				3800	38.97	37.59	3.68%	3.10	3.22	-3.59%
6	6/16/2022	3900	Head	3900	38.80	37.47	3.54%	3.21	3.32	-3.49%
				3800	38.97	37.59	3.68%	3.10	3.22	-3.59%
				4000	38.64	37.36	3.43%	3.31	3.42	-3.36%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
6	6/19/2022	3500	Head	3500	37.93	37.93	0.00%	2.78	2.91	-4.62%
				3400	38.09	38.04	0.12%	2.69	2.81	-4.21%
				3600	37.78	37.82	-0.09%	2.87	3.01	-4.84%
6	6/19/2022	3700	Head	3700	37.63	37.70	-0.19%	2.97	3.12	-4.85%
				3600	37.78	37.82	-0.09%	2.87	3.01	-4.84%
				3800	37.46	37.59	-0.34%	3.07	3.22	-4.74%
6	6/19/2022	3900	Head	3900	37.29	37.47	-0.49%	3.17	3.32	-4.54%
				3800	37.46	37.59	-0.34%	3.07	3.22	-4.74%
				4000	37.14	37.36	-0.59%	3.27	3.42	-4.42%
6	6/23/2022	3500	Head	3500	39.69	37.93	4.64%	2.81	2.91	-3.39%
				3400	39.90	38.04	4.88%	2.73	2.81	-2.86%
				3600	39.52	37.82	4.51%	2.90	3.01	-3.75%
6	6/23/2022	3700	Head	3700	39.35	37.70	4.37%	2.99	3.12	-3.95%
				3600	39.52	37.82	4.51%	2.90	3.01	-3.75%
				3800	39.16	37.59	4.18%	3.09	3.22	-3.90%
6	6/23/2022	3900	Head	3900	38.99	37.47	4.05%	3.19	3.32	-3.94%
				3800	39.16	37.59	4.18%	3.09	3.22	-3.90%
				4000	38.84	37.36	3.96%	3.29	3.42	-3.89%
6	6/24/2022	2600	Head	2600	40.17	39.01	2.97%	2.00	1.96	1.78%
				2495	40.37	39.14	3.13%	1.91	1.85	3.32%
				2690	40.00	38.90	2.83%	2.07	2.06	0.46%
6	6/26/2022	3500	Head	3500	37.79	37.93	-0.37%	2.77	2.91	-4.83%
				3400	38.03	38.04	-0.04%	2.69	2.81	-4.10%
				3600	37.61	37.82	-0.54%	2.86	3.01	-4.97%
6	6/26/2022	3700	Head	3700	37.95	37.70	0.66%	2.96	3.12	-4.92%
				3600	38.07	37.82	0.67%	2.88	3.01	-4.51%
				3800	37.69	37.59	0.27%	3.06	3.22	-4.96%
6	6/26/2022	3900	Head	3900	37.84	37.47	0.98%	3.17	3.32	-4.54%
				3800	37.98	37.59	1.04%	3.07	3.22	-4.55%
				4000	37.65	37.36	0.78%	3.26	3.42	-4.74%
6	6/29/2022	2450	Head	2450	39.19	39.20	-0.03%	1.81	1.80	0.28%
				2400	39.26	39.30	-0.09%	1.77	1.75	0.76%
				2500	39.10	39.14	-0.09%	1.84	1.85	-0.60%
6	6/30/2022	2600	Head	2600	37.29	39.01	-4.41%	1.90	1.96	-3.22%
				2495	37.43	39.14	-4.38%	1.81	1.85	-1.87%
				2690	37.12	38.90	-4.57%	1.98	2.06	-4.10%
6	7/3/2022	3500	Head	3500	38.82	37.93	2.35%	2.81	2.91	-3.52%
				3400	39.00	38.04	2.51%	2.72	2.81	-3.21%
				3600	38.66	37.82	2.23%	2.91	3.01	-3.61%
6	7/3/2022	3700	Head	3700	38.50	37.70	2.12%	3.01	3.12	-3.57%
				3600	38.66	37.82	2.23%	2.91	3.01	-3.61%
				3800	38.33	37.59	1.98%	3.11	3.22	-3.40%
6	7/3/2022	3900	Head	3900	38.16	37.47	1.83%	3.22	3.32	-3.16%
				3800	38.33	37.59	1.98%	3.11	3.22	-3.40%
				4000	38.00	37.36	1.72%	3.32	3.42	-2.96%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
8	5/16/2022	2600	Head	2600	40.85	39.01	4.71%	1.90	1.96	-3.42%
				2495	41.07	39.14	4.92%	1.80	1.85	-2.85%
				2690	40.69	38.90	4.61%	1.96	2.06	-4.98%
8	5/19/2022	2600	Head	2600	39.94	39.01	2.38%	1.90	1.96	-3.12%
				2495	40.13	39.14	2.52%	1.81	1.85	-2.20%
				2690	39.79	38.90	2.30%	1.97	2.06	-4.20%
8	5/22/2022	2600	Head	2600	37.66	39.01	-3.46%	1.99	1.96	1.37%
				2495	37.74	39.14	-3.58%	1.91	1.85	3.48%
				2690	37.40	38.90	-3.85%	2.07	2.06	0.61%
8	5/24/2022	2450	Head	2450	38.17	39.20	-2.63%	1.77	1.80	-1.56%
				2400	38.25	39.30	-2.66%	1.73	1.75	-1.18%
				2500	38.08	39.14	-2.70%	1.81	1.85	-2.21%
8	5/26/2022	2600	Head	2600	40.25	39.01	3.18%	1.92	1.96	-2.35%
				2495	40.45	39.14	3.34%	1.82	1.85	-1.55%
				2690	40.09	38.90	3.07%	1.99	2.06	-3.42%
8	5/29/2022	2600	Head	2600	38.22	39.01	-2.03%	1.89	1.96	-3.47%
				2495	38.39	39.14	-1.92%	1.82	1.85	-1.66%
				2690	38.07	38.90	-2.13%	1.96	2.06	-4.98%
8	5/31/2022	2450	Head	2450	37.37	39.20	-4.67%	1.82	1.80	0.83%
				2400	37.48	39.30	-4.62%	1.77	1.75	1.28%
				2500	37.29	39.14	-4.72%	1.85	1.85	-0.27%
8	6/2/2022	2600	Head	2600	37.68	39.01	-3.41%	2.02	1.96	2.69%
				2495	37.88	39.14	-3.23%	1.93	1.85	4.29%
				2690	37.50	38.90	-3.59%	2.09	2.06	1.29%
8	6/5/2022	2600	Head	2600	38.01	39.01	-2.57%	2.02	1.96	3.15%
				2495	38.25	39.14	-2.28%	1.93	1.85	4.29%
				2690	37.85	38.90	-2.69%	2.09	2.06	1.29%
8	6/7/2022	2450	Head	2450	38.84	39.20	-0.92%	1.75	1.80	-2.67%
				2400	38.90	39.30	-1.01%	1.72	1.75	-1.92%
				2500	38.78	39.14	-0.91%	1.79	1.85	-3.62%
8	6/9/2022	2600	Head	2600	38.59	39.01	-1.08%	1.89	1.96	-3.52%
				2495	38.79	39.14	-0.90%	1.80	1.85	-2.74%
				2690	38.39	38.90	-1.30%	1.98	2.06	-4.10%
8	6/11/2022	2450	Head	2450	37.77	39.20	-3.65%	1.79	1.80	-0.72%
				2400	37.85	39.30	-3.68%	1.75	1.75	0.02%
				2500	37.68	39.14	-3.72%	1.82	1.85	-1.73%
8	6/12/2022	2600	Head	2600	40.59	39.01	4.05%	2.00	1.96	1.83%
				2495	40.83	39.14	4.31%	1.91	1.85	3.54%
				2690	40.42	38.90	3.91%	2.07	2.06	0.66%
8	6/15/2022	2450	Head	2450	37.90	39.20	-3.32%	1.77	1.80	-1.94%
				2400	37.99	39.30	-3.33%	1.73	1.75	-1.52%
				2500	37.81	39.14	-3.39%	1.80	1.85	-2.86%
8	6/18/2022	2600	Head	2600	39.87	39.01	2.20%	1.89	1.96	-3.58%
				2495	40.08	39.14	2.39%	1.81	1.85	-1.93%
				2690	39.73	38.90	2.14%	1.97	2.06	-4.49%
8	6/19/2022	2450	Head	2450	37.36	39.20	-4.69%	1.78	1.80	-1.22%
				2400	37.48	39.30	-4.62%	1.74	1.75	-0.78%
				2500	37.25	39.14	-4.82%	1.81	1.85	-2.16%
8	6/22/2022	2600	Head	2600	37.45	39.01	-4.00%	1.91	1.96	-2.66%
				2495	37.67	39.14	-3.76%	1.82	1.85	-1.33%
				2690	37.26	38.90	-4.21%	1.98	2.06	-3.76%
8	6/23/2022	2450	Head	2450	38.54	39.20	-1.68%	1.81	1.80	0.39%
				2400	38.63	39.30	-1.70%	1.77	1.75	1.16%
				2500	38.46	39.14	-1.73%	1.84	1.85	-0.70%
8	6/27/2022	2450	Head	2450	38.33	39.20	-2.22%	1.78	1.80	-1.28%
				2400	38.41	39.30	-2.26%	1.74	1.75	-0.72%
				2500	38.26	39.14	-2.24%	1.81	1.85	-2.16%
8	6/30/2022	2450	Head	2450	38.25	39.20	-2.42%	1.80	1.80	-0.06%
				2400	38.33	39.30	-2.46%	1.76	1.75	0.65%
				2500	38.18	39.14	-2.45%	1.83	1.85	-1.08%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
10	5/25/2022	750	Head	750	40.47	41.96	-3.55%	0.89	0.89	-0.90%
				660	40.82	42.42	-3.78%	0.86	0.89	-3.37%
				800	40.27	41.71	-3.44%	0.90	0.90	0.25%
10	5/29/2022	750	Head	750	42.51	41.96	1.31%	0.87	0.89	-2.27%
				660	43.11	42.42	1.62%	0.85	0.89	-4.45%
				800	42.43	41.71	1.74%	0.89	0.90	-0.87%
10	6/2/2022	750	Head	750	39.88	41.96	-4.96%	0.92	0.89	2.82%
				660	40.55	42.42	-4.42%	0.89	0.89	0.41%
				800	39.68	41.71	-4.86%	0.94	0.90	5.14%
10	6/5/2022	750	Head	750	41.93	41.96	-0.08%	0.89	0.89	0.20%
				660	42.95	42.42	1.24%	0.90	0.89	1.35%
				800	41.56	41.71	-0.35%	0.93	0.90	3.20%
10	6/9/2022	750	Head	750	42.51	41.96	1.31%	0.92	0.89	3.00%
				660	43.47	42.42	2.47%	0.90	0.89	1.60%
				800	42.68	41.71	2.34%	0.94	0.90	4.47%
10	6/12/2022	750	Head	750	41.93	41.96	-0.08%	0.89	0.89	-0.81%
				660	42.83	42.42	0.96%	0.85	0.89	-4.09%
				800	41.88	41.71	0.42%	0.90	0.90	0.38%
10	6/14/2022	1750	Head	1750	38.50	40.08	-3.95%	1.36	1.37	-0.95%
				1695	38.58	40.17	-3.96%	1.32	1.34	-1.27%
				1755	38.50	40.08	-3.93%	1.36	1.37	-0.93%
10	6/15/2022	1900	Head	1900	40.41	40.00	1.02%	1.39	1.40	-0.64%
				1850	40.51	40.00	1.28%	1.36	1.40	-2.93%
				1920	40.38	40.00	0.95%	1.40	1.40	0.21%
10	6/16/2022	750	Head	750	41.70	41.96	-0.62%	0.90	0.89	0.42%
				660	42.24	42.42	-0.43%	0.86	0.89	-2.71%
				800	41.56	41.71	-0.35%	0.92	0.90	2.15%
10	6/19/2022	750	Head	750	45.45	41.96	8.31%	0.87	0.89	-2.08%
				660	46.09	42.42	8.64%	0.85	0.89	-4.54%
				800	45.35	41.71	8.74%	0.89	0.90	-0.38%
10	6/23/2022	750	Head	750	43.14	41.96	2.81%	0.89	0.89	0.06%
				660	43.58	42.42	2.73%	0.86	0.89	-2.78%
				800	43.01	41.71	3.13%	0.92	0.90	2.02%
10	6/27/2022	750	Head	750	40.67	41.96	-3.08%	0.87	0.89	-2.19%
				660	40.96	42.42	-3.45%	0.84	0.89	-4.69%
				800	40.55	41.71	-2.77%	0.89	0.90	-0.45%
10	7/1/2022	750	Head	750	40.83	41.96	-2.70%	0.88	0.89	-1.92%
				660	42.15	42.42	-0.64%	0.85	0.89	-4.64%
				800	40.90	41.71	-1.93%	0.89	0.90	-0.72%
10	7/5/2022	750	Head	750	40.92	41.96	-2.48%	0.88	0.89	-1.93%
				660	42.02	42.42	-0.95%	0.85	0.89	-4.60%
				800	40.92	41.71	-1.88%	0.89	0.90	-0.72%
10	7/9/2022	750	Head	750	43.52	41.96	3.71%	0.89	0.89	-0.79%
				660	43.94	42.42	3.58%	0.86	0.89	-3.36%
				800	43.47	41.71	4.23%	0.90	0.90	0.45%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
11	5/26/2022	835	Head	835	41.29	41.50	-0.51%	0.89	0.90	-1.23%
				805	41.57	41.68	-0.26%	0.88	0.90	-1.57%
				850	41.20	41.50	-0.72%	0.89	0.92	-2.47%
11	5/31/2022	835	Head	835	41.44	41.50	-0.14%	0.93	0.90	3.09%
				805	41.51	41.68	-0.41%	0.92	0.90	2.26%
				850	41.42	41.50	-0.19%	0.93	0.92	1.93%
11	6/2/2022	835	Head	835	43.20	41.50	4.10%	0.92	0.90	2.54%
				805	43.44	41.68	4.22%	0.91	0.90	0.95%
				850	43.12	41.50	3.90%	0.94	0.92	2.19%
11	6/5/2022	835	Head	835	39.53	41.50	-4.75%	0.94	0.90	4.92%
				805	39.63	41.68	-4.92%	0.93	0.90	3.78%
				850	39.52	41.50	-4.77%	0.95	0.92	4.36%
11	6/9/2022	835	Head	835	40.07	41.50	-3.45%	0.91	0.90	1.36%
				805	40.13	41.68	-3.72%	0.90	0.90	0.46%
				850	40.05	41.50	-3.49%	0.90	0.92	-1.49%
11	6/12/2022	835	Head	835	42.86	41.50	3.28%	0.93	0.90	3.76%
				805	42.86	41.68	2.83%	0.92	0.90	2.52%
				850	42.83	41.50	3.20%	0.94	0.92	2.85%
11	6/15/2022	835	Head	835	41.04	41.50	-1.11%	0.92	0.90	2.56%
				805	41.16	41.68	-1.25%	0.91	0.90	1.44%
				850	40.98	41.50	-1.25%	0.93	0.92	1.40%
11	6/20/2022	835	Head	835	39.95	41.50	-3.73%	0.89	0.90	-1.32%
				805	39.97	41.68	-4.10%	0.88	0.90	-2.26%
				850	39.94	41.50	-3.76%	0.89	0.92	-2.43%
11	6/24/2022	835	Head	835	43.23	41.50	4.17%	0.91	0.90	1.38%
				805	43.24	41.68	3.74%	0.90	0.90	0.55%
				850	43.22	41.50	4.14%	0.92	0.92	0.32%
11	6/26/2022	750	Head	750	40.24	41.96	-4.10%	0.90	0.89	0.46%
				660	42.66	42.42	0.56%	0.85	0.89	-3.94%
				800	40.54	41.71	-2.79%	0.91	0.90	1.71%
11	6/28/2022	835	Head	835	39.67	41.50	-4.41%	0.93	0.90	3.11%
				805	39.78	41.68	-4.56%	0.92	0.90	2.28%
				850	39.64	41.50	-4.48%	0.93	0.92	1.89%
11	7/1/2022	835	Head	835	40.70	41.50	-1.93%	0.91	0.90	0.73%
				805	40.72	41.68	-2.30%	0.92	0.90	2.64%
				850	40.66	41.50	-2.02%	0.93	0.92	1.33%
11	7/5/2022	835	Head	835	42.85	41.50	3.25%	0.90	0.90	0.13%
				805	42.94	41.68	3.02%	0.89	0.90	-0.73%
				850	42.80	41.50	3.13%	0.91	0.92	-0.97%
11	7/9/2022	900	Head	900	39.81	41.50	-4.07%	0.93	0.97	-4.54%
				805	39.96	41.68	-4.13%	0.89	0.90	-0.69%
				915	39.78	41.50	-4.14%	0.93	0.98	-4.90%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
12	6/17/2022	1640	Head	1640	41.53	40.25	3.17%	1.29	1.31	-1.52%
				1625	41.57	40.28	3.21%	1.28	1.30	-1.65%
				1665	41.49	40.22	3.17%	1.30	1.32	-1.59%
12	6/20/2022	750	Head	750	42.89	41.96	2.21%	0.88	0.89	-1.15%
				660	43.47	42.42	2.47%	0.85	0.89	-4.52%
				800	42.70	41.71	2.39%	0.90	0.90	-0.09%
12	6/21/2022	1640	Head	1640	38.59	40.25	-4.13%	1.29	1.31	-1.52%
				1625	38.62	40.28	-4.11%	1.28	1.30	-1.50%
				1665	38.53	40.22	-4.19%	1.30	1.32	-1.74%
12	6/24/2022	750	Head	750	42.22	41.96	0.62%	0.90	0.89	1.13%
				660	42.56	42.42	0.32%	0.87	0.89	-2.05%
				800	41.99	41.71	0.68%	0.92	0.90	2.54%
12	6/25/2022	1640	Head	1640	41.04	40.25	1.95%	1.33	1.31	1.38%
				1625	41.06	40.28	1.94%	1.32	1.30	1.35%
				1665	41.00	40.22	1.95%	1.34	1.32	1.28%
12	6/27/2022	750	Head	750	39.77	39.77	0.00%	0.88	0.89	-1.78%
				660	40.54	42.42	-4.44%	0.85	0.89	-4.62%
				800	39.66	41.71	-4.90%	0.89	0.90	-1.02%
12	7/1/2022	750	Head	750	40.94	41.96	-2.43%	0.90	0.89	1.03%
				660	41.30	42.42	-2.65%	0.87	0.89	-1.47%
				800	40.74	41.71	-2.31%	0.92	0.90	2.57%
12	7/2/2022	1750	Head	1750	39.17	40.08	-2.28%	1.32	1.37	-3.72%
				1695	39.17	40.17	-2.49%	1.28	1.34	-4.03%
				1755	39.17	40.08	-2.26%	1.32	1.37	-3.70%
12	7/5/2022	750	Head	750	41.82	41.96	-0.34%	0.92	0.89	3.05%
				660	42.30	42.42	-0.29%	0.89	0.89	0.31%
				800	41.64	41.71	-0.16%	0.94	0.90	4.47%
12	7/6/2022	1640	Head	1640	39.05	40.25	-2.99%	1.27	1.31	-2.98%
				1625	39.06	40.28	-3.02%	1.26	1.30	-2.89%
				1665	39.05	40.22	-2.90%	1.28	1.32	-3.11%
12	7/9/2022	750	Head	750	40.69	41.96	-3.03%	0.88	0.89	-1.84%
				660	40.92	42.42	-3.54%	0.85	0.89	-4.49%
				800	40.48	41.71	-2.94%	0.89	0.90	-0.57%
12	7/14/2022	1640	Head	1640	39.07	40.25	-2.94%	1.26	1.31	-3.82%
				1625	39.12	40.28	-2.87%	1.25	1.30	-3.66%
				1665	39.02	40.22	-2.97%	1.27	1.32	-4.24%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
13	6/3/2022	835	Head	835	39.58	41.50	-4.63%	0.91	0.90	0.83%
				805	39.68	41.68	-4.80%	0.90	0.90	-0.11%
				850	39.52	41.50	-4.77%	0.91	0.92	-0.42%
13	6/7/2022	835	Head	835	40.06	41.50	-3.47%	0.87	0.90	-2.92%
				805	40.07	41.68	-3.86%	0.86	0.90	-3.82%
				850	40.05	41.50	-3.49%	0.88	0.92	-4.00%
13	6/9/2022	835	Head	835	41.13	41.50	-0.89%	0.90	0.90	-0.56%
				805	41.18	41.68	-1.20%	0.88	0.90	-1.43%
				850	41.10	41.50	-0.96%	0.90	0.92	-1.70%
13	6/12/2022	835	Head	835	41.12	41.50	-0.92%	0.91	0.90	1.19%
				805	41.11	41.68	-1.37%	0.90	0.90	-0.01%
				850	41.09	41.50	-0.99%	0.92	0.92	0.31%
13	6/14/2022	2600	Head	2600	39.95	39.01	2.41%	1.94	1.96	-0.98%
				2495	40.18	39.14	2.65%	1.86	1.85	0.51%
				2690	39.80	38.90	2.32%	2.02	2.06	-1.96%
13	6/16/2022	835	Head	835	40.22	41.50	-3.08%	0.91	0.90	1.28%
				805	40.25	41.68	-3.43%	0.90	0.90	0.00%
				850	40.17	41.50	-3.20%	0.92	0.92	0.30%
13	6/20/2022	835	Head	835	40.96	41.50	-1.30%	0.88	0.90	-2.31%
				805	40.96	41.68	-1.73%	0.88	0.90	-2.02%
				850	40.97	41.50	-1.28%	0.90	0.92	-2.08%
13	6/24/2022	835	Head	835	42.98	41.50	3.57%	0.90	0.90	0.27%
				805	43.05	41.68	3.29%	0.89	0.90	-0.54%
				850	42.95	41.50	3.49%	0.91	0.92	-0.92%
13	6/27/2022	835	Head	835	39.59	41.50	-4.60%	0.93	0.90	3.03%
				805	39.62	41.68	-4.94%	0.92	0.90	1.99%
				850	39.54	41.50	-4.72%	0.93	0.92	1.92%
13	7/1/2022	835	Head	835	39.68	41.50	-4.39%	0.91	0.90	1.52%
				805	39.71	41.68	-4.73%	0.90	0.90	0.26%
				850	39.63	41.50	-4.51%	0.92	0.92	0.51%
13	7/2/2022	1900	Head	1900	41.81	40.00	4.53%	1.37	1.40	-1.86%
				1850	41.84	40.00	4.60%	1.34	1.40	-4.21%
				1920	41.79	40.00	4.48%	1.39	1.40	-0.86%
13	7/5/2022	835	Head	835	42.60	41.50	2.65%	0.91	0.90	1.28%
				805	42.64	41.68	2.30%	0.90	0.90	0.44%
				850	42.57	41.50	2.58%	0.92	0.92	0.10%
13	7/9/2022	835	Head	835	40.63	41.50	-2.10%	0.90	0.90	0.52%
				805	40.66	41.68	-2.45%	0.90	0.90	0.04%
				850	40.63	41.50	-2.10%	0.91	0.92	-0.45%

8.2. System Check

SAR system verification is required to confirm measurement accuracy, according to the tissue dielectric media, probe calibration points and other system operating parameters required for measuring the SAR of a test device. The system verification must be performed for each frequency band and within the valid range of each probe calibration point required for testing the device. The same SAR probe(s) and tissue-equivalent media combinations used with each specific SAR system for system verification must be used for device testing. When multiple probe calibration points are required to cover substantially large transmission bands, independent system verifications are required for each probe calibration point. A system verification must be performed before each series of SAR measurements using the same probe calibration point and tissue-equivalent medium. Additional system verification should be considered according to the conditions of the tissue-equivalent medium and measured tissue dielectric parameters, typically every three to four days when the liquid parameters are re-measured or sooner when marginal liquid parameters are used at the beginning of a series of measurements.

System Performance Check Measurement Conditions:

- The measurements were performed in the flat section of the TWIN SAM or ELI phantom, shell thickness: 2.0 ±0.2 mm (bottom plate) filled with Body or Head simulating liquid of the following parameters.
- The depth of tissue-equivalent liquid in a phantom must be ≥ 15.0 cm for SAR measurements ≤ 3 GHz and ≥ 10.0 cm for measurements > 3 GHz.
- The DASY system with an E-Field Probe was used for the measurements.
- The dipole was mounted on the small tripod so that the dipole feed point was positioned below the center marking of the flat phantom section and the dipole was oriented parallel to the body axis (the long side of the phantom). The standard measuring distance was 10 mm (above 1 GHz) and 15 mm (below 1 GHz) from dipole center to the simulating liquid surface.
- The coarse grid with a grid spacing of 15 mm was aligned with the dipole.
  For 5 GHz band - The coarse grid with a grid spacing of 10 mm was aligned with the dipole.
- Special 7x7x7 (below 3 GHz) and/or 8x8x7 (above 3 GHz) fine cube was chosen for the cube.
- Distance between probe sensors and phantom surface was set to 3 mm.
  For 5 GHz band - Distance between probe sensors and phantom surface was set to 2.5 mm
- The dipole input power (forward power) was 100 mW.
- The results are normalized to 1 W input power.

System Check Results

The 1-g and 10-g SAR measured with a reference dipole, using the required tissue-equivalent medium at the test frequency, must be within ±10% of the manufacturer calibrated dipole SAR target. Refer to Appendix B for the SAR System Check Plots.

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
A	5/16/2022	Head	D1900V2 SN:5d163	9/29/2022	3.880	38.80	40.61	-4.46%	2.010	20.10	21.02	-4.38%	
A	5/18/2022	Head	D1900V2 SN:5d163	9/29/2022	4.090	40.90	40.61	0.71%	2.110	21.10	21.02	0.38%	
A	5/22/2022	Head	D1900V2 SN:5d163	9/29/2022	4.300	43.00	40.61	5.89%	2.220	22.20	21.02	5.61%	
A	5/26/2022	Head	D1900V2 SN:5d163	9/29/2022	3.970	39.70	40.61	-2.24%	2.050	20.50	21.02	-2.47%	
A	5/29/2022	Head	D1900V2 SN:5d163	9/29/2022	4.120	41.20	40.61	1.45%	2.130	21.30	21.02	1.33%	
A	6/2/2022	Head	D1900V2 SN:5d163	9/29/2022	3.940	39.40	40.61	-2.98%	2.030	20.30	21.02	-3.43%	
A	6/5/2022	Head	D1900V2 SN:5d163	9/29/2022	4.400	44.00	40.61	8.35%	2.290	22.90	21.02	8.94%	1
A	6/9/2022	Head	D1900V2 SN:5d163	9/29/2022	4.070	40.70	40.61	0.22%	2.120	21.20	21.02	0.86%	
A	6/12/2022	Head	D1900V2 SN:5d163	9/29/2022	4.280	42.80	40.61	5.39%	2.220	22.20	21.02	5.61%	
A	6/16/2022	Head	D1900V2 SN:5d163	9/29/2022	4.040	40.40	40.61	-0.52%	2.110	21.10	21.02	0.38%	
A	6/19/2022	Head	D1900V2 SN:5d163	9/29/2022	4.240	42.40	40.61	4.41%	2.170	21.70	21.02	3.24%	
A	6/23/2022	Head	D1900V2 SN:5d163	9/29/2022	4.070	40.70	40.61	0.22%	2.110	21.10	21.02	0.38%	
A	6/26/2022	Head	D1900V2 SN:5d163	9/29/2022	4.200	42.00	40.61	3.42%	2.210	22.10	21.02	5.14%	
A	6/30/2022	Head	D1900V2 SN:5d163	9/29/2022	4.040	40.40	40.61	-0.52%	2.100	21.00	21.02	-0.10%	
A	7/3/2022	Head	D1900V2 SN:5d163	9/29/2022	4.150	41.50	40.61	2.19%	2.160	21.60	21.02	2.76%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
B	5/16/2022	Head	D1750V2 SN:1077	9/29/2022	3.950	39.50	36.59	7.95%	2.090	20.90	19.51	7.12%	
B	5/18/2022	Head	D1750V2 SN:1077	9/29/2022	3.590	35.90	36.59	-1.89%	1.900	19.00	19.51	-2.61%	
B	5/22/2022	Head	D1750V2 SN:1077	9/29/2022	3.650	36.50	36.59	-0.25%	1.930	19.30	19.51	-1.08%	
B	5/26/2022	Head	D1750V2 SN:1077	9/29/2022	3.420	34.20	36.59	-6.53%	1.800	18.00	19.51	-7.74%	
B	5/29/2022	Head	D1750V2 SN:1077	9/29/2022	3.750	37.50	36.59	2.49%	1.980	19.80	19.51	1.49%	
B	6/2/2022	Head	D1750V2 SN:1077	9/29/2022	3.390	33.90	36.59	-7.35%	1.800	18.00	19.51	-7.74%	
B	6/5/2022	Head	D1750V2 SN:1077	9/29/2022	3.760	37.60	36.59	2.76%	1.980	19.80	19.51	1.49%	
B	6/9/2022	Head	D1750V2 SN:1077	9/29/2022	3.760	37.60	36.59	2.76%	1.970	19.70	19.51	0.97%	
B	6/12/2022	Head	D1750V2 SN:1077	9/29/2022	3.810	38.10	36.59	4.13%	2.000	20.00	19.51	2.51%	
B	6/16/2022	Head	D1750V2 SN:1077	9/29/2022	3.590	35.90	36.59	-1.89%	1.890	18.90	19.51	-3.13%	
B	6/19/2022	Head	D1750V2 SN:1077	9/29/2022	3.740	37.40	36.59	2.21%	1.940	19.40	19.51	-0.56%	
B	6/23/2022	Head	D1750V2 SN:1077	9/29/2022	3.360	33.60	36.59	-8.17%	1.770	17.70	19.51	-9.28%	2
B	6/26/2022	Head	D1750V2 SN:1077	9/29/2022	3.760	37.60	36.59	2.76%	1.980	19.80	19.51	1.49%	
B	6/30/2022	Head	D1750V2 SN:1077	9/29/2022	3.370	33.70	36.59	-7.90%	1.770	17.70	19.51	-9.28%	
B	7/3/2022	Head	D1750V2 SN:1077	9/29/2022	3.840	38.40	36.59	4.95%	2.020	20.20	19.51	3.54%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
C	5/16/2022	Head	D1900V2 SN:5d140	4/28/2023	3.940	39.40	39.60	-0.51%	2.020	20.20	20.70	-2.42%	
C	5/16/2022	Head	D1750V2 SN:1053	9/29/2022	3.460	34.60	36.82	-6.03%	1.830	18.30	19.67	-6.96%	3
C	5/18/2022	Head	D1750V2 SN:1050	4/27/2023	3.650	36.50	36.40	0.27%	1.930	19.30	19.10	1.05%	
C	5/18/2022	Head	D1900V2 SN:5d140	4/28/2023	4.100	41.00	39.60	3.54%	2.110	21.10	20.70	1.93%	
C	5/22/2022	Head	D1750V2 SN:1050	4/27/2023	3.820	38.20	36.40	4.95%	2.020	20.20	19.10	5.76%	
C	5/22/2022	Head	D1900V2 SN:5d140	4/28/2023	4.280	42.80	39.60	8.08%	2.200	22.00	20.70	6.28%	
C	5/26/2022	Head	D1750V2 SN:1050	4/27/2023	3.560	35.60	36.40	-2.20%	1.870	18.70	19.10	-2.09%	
C	5/26/2022	Head	D1900V2 SN:5d140	4/28/2023	4.310	43.10	39.60	8.84%	2.200	22.00	20.70	6.28%	4
C	5/29/2022	Head	D1750V2 SN:1050	4/27/2023	3.690	36.90	36.40	1.37%	1.940	19.40	19.10	1.57%	
C	5/29/2022	Head	D1900V2 SN:5d140	4/28/2023	4.080	40.80	39.60	3.03%	2.110	21.10	20.70	1.93%	
C	6/2/2022	Head	D1900V2 SN:5d140	4/28/2023	4.270	42.70	39.60	7.83%	2.190	21.90	20.70	5.80%	
C	6/2/2022	Head	D1750V2 SN:1050	4/27/2023	3.810	38.10	36.40	4.67%	2.000	20.00	19.10	4.71%	
C	6/5/2022	Head	D1750V2 SN:1050	4/27/2023	3.790	37.90	36.40	4.12%	2.000	20.00	19.10	4.71%	
C	6/5/2022	Head	D1900V2 SN:5d163	9/29/2022	4.250	42.50	40.61	4.65%	2.180	21.80	21.02	3.71%	
C	6/9/2022	Head	D1750V2 SN:1050	4/27/2023	3.590	35.90	36.40	-1.37%	1.880	18.80	19.10	-1.57%	
C	6/9/2022	Head	D1900V2 SN:5d163	9/29/2022	4.000	40.00	40.61	-1.50%	2.050	20.50	21.02	-2.47%	
C	6/12/2022	Head	D1750V2 SN:1050	4/27/2023	3.440	34.40	36.40	-5.49%	1.840	18.40	19.10	-3.66%	
C	6/12/2022	Head	D1900V2 SN:5d163	9/29/2022	4.140	41.40	40.61	1.95%	2.120	21.20	21.02	0.86%	
C	6/16/2022	Head	D1750V2 SN:1050	4/27/2023	3.650	36.50	36.40	0.27%	1.910	19.10	19.10	0.00%	
C	6/16/2022	Head	D1900V2 SN:5d163	9/29/2022	4.030	40.30	40.61	-0.76%	2.060	20.60	21.02	-2.00%	
C	6/19/2022	Head	D1900V2 SN:5d163	9/29/2022	3.860	38.60	40.61	-4.95%	2.010	20.10	21.02	-4.38%	
C	6/19/2022	Head	D1750V2 SN:1050	4/27/2023	3.940	39.40	36.40	8.24%	2.080	20.80	19.10	8.90%	5
C	6/23/2022	Head	D1750V2 SN:1050	4/27/2023	3.660	36.60	36.40	0.55%	1.930	19.30	19.10	1.05%	
C	6/23/2022	Head	D1900V2 SN:5d163	9/29/2022	4.250	42.50	40.61	4.65%	2.180	21.80	21.02	3.71%	
C	6/26/2022	Head	D1750V2 SN:1050	4/27/2023	3.370	33.70	36.40	-7.42%	1.810	18.10	19.10	-5.24%	
C	6/26/2022	Head	D1900V2 SN:5d163	9/29/2022	4.080	40.80	40.61	0.47%	2.100	21.00	21.02	-0.10%	
C	6/30/2022	Head	D1900V2 SN:5d163	9/29/2022	4.040	40.40	40.61	-0.52%	2.080	20.80	21.02	-1.05%	
C	6/30/2022	Head	D1750V2 SN:1050	4/27/2023	3.930	39.30	36.40	7.97%	2.070	20.70	19.10	8.38%	
C	7/3/2022	Head	D1900V2 SN:5d163	9/29/2022	4.300	43.00	40.61	5.89%	2.220	22.20	21.02	5.61%	6
C	7/3/2022	Head	D1750V2 SN:1050	4/27/2023	3.810	38.10	36.40	4.67%	2.030	20.30	19.10	6.28%	
C	7/7/2022	Head	D1900V2 SN:5d163	9/29/2022	4.120	41.20	40.61	1.45%	2.130	21.30	21.02	1.33%	
C	7/7/2022	Head	D1750V2 SN:1050	4/27/2023	3.880	38.80	36.40	6.59%	2.060	20.60	19.10	7.85%	
C	7/10/2022	Head	D1750V2 SN:1050	4/27/2023	3.690	36.90	36.40	1.37%	1.960	19.60	19.10	2.62%	
C	7/10/2022	Head	D1900V2 SN:5d163	9/29/2022	3.780	37.80	40.61	-6.92%	1.990	19.90	21.02	-5.33%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
D	5/16/2022	Head	D2300V2 SN:1002	4/25/2023	5.080	50.80	48.90	3.89%	2.430	24.30	23.80	2.10%	
D	5/19/2022	Head	D2300V2 SN:1058	9/29/2022	5.080	50.80	50.56	0.47%	2.450	24.50	24.52	-0.08%	
D	5/22/2022	Head	D2300V2 SN:1058	9/29/2022	4.990	49.90	50.56	-1.31%	2.400	24.00	24.52	-2.12%	
D	5/26/2022	Head	D2300V2 SN:1002	4/25/2023	4.880	48.80	48.90	-0.20%	2.340	23.40	23.80	-1.68%	
D	5/29/2022	Head	D2300V2 SN:1002	4/25/2023	5.150	51.50	48.90	5.32%	2.500	25.00	23.80	5.04%	
D	6/2/2022	Head	D2300V2 SN:1002	4/25/2023	5.220	52.20	48.90	6.75%	2.500	25.00	23.80	5.04%	7
D	6/5/2022	Head	D2300V2 SN:1002	4/25/2023	4.610	46.10	48.90	-5.73%	2.290	22.90	23.80	-3.78%	
D	6/9/2022	Head	D2300V2 SN:1058	9/29/2022	5.440	54.40	50.56	7.59%	2.590	25.90	24.52	5.63%	8
D	6/12/2022	Head	D2300V2 SN:1058	9/29/2022	4.950	49.50	50.56	-2.10%	2.370	23.70	24.52	-3.34%	
D	6/16/2022	Head	D2300V2 SN:1058	9/29/2022	4.940	49.40	50.56	-2.29%	2.350	23.50	24.52	-4.16%	
D	6/19/2022	Head	D2300V2 SN:1058	9/29/2022	4.830	48.30	50.56	-4.47%	2.300	23.00	24.52	-6.20%	
D	6/23/2022	Head	D2300V2 SN:1058	9/29/2022	5.100	51.00	50.56	0.87%	2.440	24.40	24.52	-0.49%	
D	6/26/2022	Head	D2300V2 SN:1058	9/29/2022	4.900	49.00	50.56	-3.09%	2.340	23.40	24.52	-4.57%	
D	6/30/2022	Head	D2300V2 SN:1058	9/29/2022	5.250	52.50	50.56	3.84%	2.550	25.50	24.52	4.00%	
D	7/3/2022	Head	D2300V2 SN:1058	9/29/2022	5.010	50.10	50.56	-0.91%	2.420	24.20	24.52	-1.31%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
E	5/15/2022	Head	D2450V2 SN:748	2/22/2023	5.380	53.80	52.40	2.67%	2.500	25.00	24.40	2.46%	9
E	5/19/2022	Head	D2450V2 SN:706	1/13/2023	5.620	56.20	53.80	4.46%	2.600	26.00	25.00	4.00%	
E	5/23/2022	Head	D2450V2 SN:706	1/13/2023	5.520	55.20	53.80	2.60%	2.550	25.50	25.00	2.00%	
E	5/26/2022	Head	D2450V2 SN:706	1/13/2023	5.810	58.10	53.80	7.99%	2.720	27.20	25.00	8.80%	
E	5/29/2022	Head	D2450V2 SN:706	1/13/2023	5.670	56.70	53.80	5.39%	2.650	26.50	25.00	6.00%	
E	6/2/2022	Head	D2450V2 SN:706	1/13/2023	5.720	57.20	53.80	6.32%	2.690	26.90	25.00	7.60%	
E	6/5/2022	Head	D2450V2 SN:706	1/13/2023	5.840	58.40	53.80	8.55%	2.730	27.30	25.00	9.20%	10
E	6/9/2022	Head	D2450V2 SN:706	1/13/2023	5.390	53.90	53.80	0.19%	2.540	25.40	25.00	1.60%	
E	6/12/2022	Head	D2450V2 SN:706	1/13/2023	5.660	56.60	53.80	5.20%	2.640	26.40	25.00	5.60%	
E	6/16/2022	Head	D2450V2 SN:706	1/13/2023	5.460	54.60	53.80	1.49%	2.540	25.40	25.00	1.60%	
E	6/19/2022	Head	D2450V2 SN:706	1/13/2023	5.610	56.10	53.80	4.28%	2.620	26.20	25.00	4.80%	
E	6/23/2022	Head	D2450V2 SN:706	1/13/2023	5.210	52.10	53.80	-3.16%	2.440	24.40	25.00	-2.40%	
E	6/26/2022	Head	D2450V2 SN:706	1/13/2023	5.520	55.20	53.80	2.60%	2.590	25.90	25.00	3.60%	
E	6/30/2022	Head	D2450V2 SN:706	1/13/2023	5.780	57.80	53.80	7.43%	2.710	27.10	25.00	8.40%	
E	7/3/2022	Head	D2450V2 SN:706	1/13/2023	5.450	54.50	53.80	1.30%	2.550	25.50	25.00	2.00%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
F	5/15/2022	Head	D5GHzV2 SN:1003 (5.25 GHz)	2/23/2023	8.840	88.40	81.70	8.20%	2.530	25.30	23.30	8.58%	11
F	5/19/2022	Head	D5GHzV2 SN:1003 (5.25 GHz)	2/23/2023	8.080	80.80	81.70	-1.10%	2.300	23.00	23.30	-1.29%	
F	5/22/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	6.700	67.00	73.60	-8.97%	1.910	19.10	21.20	-9.91%	12
F	5/26/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.900	79.00	73.60	7.34%	2.270	22.70	21.20	7.08%	
F	5/29/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.190	71.90	73.60	-2.31%	2.070	20.70	21.20	-2.36%	
F	6/2/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	6.980	69.80	73.60	-5.16%	2.000	20.00	21.20	-5.66%	
F	6/5/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.790	77.90	73.60	5.84%	2.210	22.10	21.20	4.25%	
F	6/8/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.320	73.20	73.60	-0.54%	2.100	21.00	21.20	-0.94%	
F	6/12/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.360	73.60	73.60	0.00%	2.100	21.00	21.20	-0.94%	
F	6/16/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.820	78.20	73.60	6.25%	2.260	22.60	21.20	6.60%	
F	6/19/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.870	78.70	73.60	6.93%	2.300	23.00	21.20	8.49%	
F	6/23/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.600	76.00	73.60	3.26%	2.190	21.90	21.20	3.30%	
F	6/26/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.960	79.60	73.60	8.15%	2.290	22.90	21.20	8.02%	
F	6/30/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.470	74.70	73.60	1.49%	2.160	21.60	21.20	1.89%	
F	7/3/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.190	71.90	73.60	-2.31%	2.090	20.90	21.20	-1.42%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
G	5/15/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	8.650	86.50	83.50	3.59%	2.470	24.70	23.60	4.66%	
G	5/17/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	8.370	83.70	83.50	0.24%	2.420	24.20	23.60	2.54%	
G	5/21/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	8.090	80.90	83.50	-3.11%	2.350	23.50	23.60	-0.42%	
G	5/25/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	7.930	79.30	83.50	-5.03%	2.250	22.50	23.60	-4.66%	
G	5/29/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	8.430	84.30	83.50	0.96%	2.420	24.20	23.60	2.54%	
G	6/2/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	8.160	81.60	83.50	-2.28%	2.350	23.50	23.60	-0.42%	
G	6/5/2022	Head	D5GHzV2 SN:1138 (5.6 GHz)	8/19/2022	8.160	81.60	82.00	-0.49%	2.300	23.00	23.20	-0.86%	13
G	6/9/2022	Head	D5GHzV2 SN:1168 (5.6 GHz)	11/24/2022	8.270	82.70	81.70	1.22%	2.380	23.80	23.30	2.15%	
G	6/12/2022	Head	D5GHzV2 SN:1168 (5.6 GHz)	11/24/2022	8.250	82.50	81.70	0.98%	2.340	23.40	23.30	0.43%	
G	6/16/2022	Head	D5GHzV2 SN:1168 (5.6 GHz)	11/24/2022	8.840	88.40	81.70	8.20%	2.550	25.50	23.30	9.44%	
G	6/19/2022	Head	D5GHzV2 SN:1168 (5.6 GHz)	11/24/2022	7.480	74.80	81.70	-8.45%	2.120	21.20	23.30	-9.01%	14
G	6/23/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	8.050	80.50	83.50	-3.59%	2.330	23.30	23.60	-1.27%	
G	6/26/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	8.830	88.30	83.50	5.75%	2.510	25.10	23.60	6.36%	
G	6/30/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	7.840	78.40	83.50	-6.11%	2.300	23.00	23.60	-2.54%	15
G	7/3/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	7.940	79.40	83.50	-4.91%	2.270	22.70	23.60	-3.81%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
H	5/15/2022	Head	D5GHzV2 SN:1003 (5.75 GHz)	2/23/2023	7.970	79.70	79.70	0.00%	2.270	22.70	22.50	0.89%	
H	5/19/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	7.530	75.30	77.00	-2.21%	2.180	21.80	22.10	-1.36%	
H	5/22/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	8.280	82.80	77.00	7.53%	2.370	23.70	22.10	7.24%	
H	5/26/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	8.400	84.00	77.00	9.09%	2.430	24.30	22.10	9.95%	16
H	5/29/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	8.120	81.20	77.00	5.45%	2.340	23.40	22.10	5.88%	
H	6/2/2022	Head	D5GHzV2 SN:1003 (5.75 GHz)	2/23/2023	7.750	77.50	79.70	-2.76%	2.310	23.10	22.50	2.67%	17
H	6/3/2022	Head	D2450V2 SN:706	1/13/2023	5.590	55.90	53.80	3.90%	2.670	26.70	25.00	6.80%	
H	6/5/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	8.190	81.90	77.00	6.36%	2.320	23.20	22.10	4.98%	
H	6/8/2022	Head	D2450V2 SN:706	1/13/2023	5.020	50.20	53.80	-6.69%	2.340	23.40	25.00	-6.40%	18
H	6/8/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	7.130	71.30	77.00	-7.40%	2.000	20.00	22.10	-9.50%	
H	6/12/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	7.900	79.00	77.00	2.60%	2.290	22.90	22.10	3.62%	
H	6/16/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	7.720	77.20	77.00	0.26%	2.260	22.60	22.10	2.26%	
H	6/19/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	8.100	81.00	77.00	5.19%	2.380	23.80	22.10	7.69%	
H	6/22/2022	Head	D2450V2 SN:706	1/13/2023	5.620	56.20	53.80	4.46%	2.700	27.00	25.00	8.00%	
H	6/23/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	7.140	71.40	77.00	-7.27%	2.100	21.00	22.10	-4.98%	
H	6/26/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	8.350	83.50	77.00	8.44%	2.410	24.10	22.10	9.05%	
H	6/29/2022	Head	D2300V2 SN:1058	9/29/2022	4.850	48.50	50.56	-4.07%	2.310	23.10	24.52	-5.79%	19
H	6/30/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	7.090	70.90	77.00	-7.92%	2.090	20.90	22.10	-5.43%	
H	7/3/2022	Head	D2300V2 SN:1058	9/29/2022	4.890	48.90	50.56	-3.28%	2.420	24.20	24.52	-1.31%	
H	7/3/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	7.750	77.50	77.00	0.65%	2.290	22.90	22.10	3.62%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
1	5/16/2022	Head	D2600V2 SN:1006	9/29/2022	5.570	55.70	54.94	1.38%	2.510	25.10	25.24	-0.55%	
1	5/19/2022	Head	D2600V2 SN:1036	4/25/2023	5.460	54.60	56.20	-2.85%	2.450	24.50	25.00	-2.00%	
1	5/22/2022	Head	D2600V2 SN:1036	4/25/2023	5.410	54.10	56.20	-3.74%	2.450	24.50	25.00	-2.00%	
1	5/26/2022	Head	D2600V2 SN:1036	4/25/2023	5.630	56.30	56.20	0.18%	2.520	25.20	25.00	0.80%	
1	5/29/2022	Head	D2600V2 SN:1036	4/25/2023	6.090	60.90	56.20	8.36%	2.730	27.30	25.00	9.20%	20
1	6/2/2022	Head	D2600V2 SN:1036	4/25/2023	5.800	58.00	56.20	3.20%	2.600	26.00	25.00	4.00%	
1	6/5/2022	Head	D2600V2 SN:1006	9/29/2022	5.830	58.30	54.94	6.12%	2.600	26.00	25.24	3.01%	
1	6/9/2022	Head	D2600V2 SN:1006	9/29/2022	5.240	52.40	54.94	-4.62%	2.370	23.70	25.24	-6.10%	
1	6/12/2022	Head	D2600V2 SN:1006	9/29/2022	5.660	56.60	54.94	3.02%	2.530	25.30	25.24	0.24%	
1	6/16/2022	Head	D2600V2 SN:1006	9/29/2022	5.720	57.20	54.94	4.11%	2.580	25.80	25.24	2.22%	
1	6/19/2022	Head	D2600V2 SN:1006	9/29/2022	5.550	55.50	54.94	1.02%	2.500	25.00	25.24	-0.95%	
1	6/23/2022	Head	D2600V2 SN:1006	9/29/2022	6.010	60.10	54.94	9.39%	2.710	27.10	25.24	7.37%	
1	6/26/2022	Head	D2600V2 SN:1006	9/29/2022	6.020	60.20	54.94	9.57%	2.710	27.10	25.24	7.37%	21
1	6/30/2022	Head	D2600V2 SN:1006	9/29/2022	5.600	56.00	54.94	1.93%	2.520	25.20	25.24	-0.16%	
1	7/3/2022	Head	D2600V2 SN:1006	9/29/2022	5.530	55.30	54.94	0.66%	2.480	24.80	25.24	-1.74%	
1	7/7/2022	Head	D2600V2 SN:1006	9/29/2022	5.390	53.90	54.94	-1.89%	2.410	24.10	25.24	-4.52%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
2	6/16/2022	Head	D2600V2 SN:1006	9/29/2022	5.510	55.10	54.94	0.29%	2.490	24.90	25.24	-1.35%	
2	6/20/2022	Head	D2600V2 SN:1006	9/29/2022	5.550	55.50	54.94	1.02%	2.500	25.00	25.24	-0.95%	
2	6/23/2022	Head	D2600V2 SN:1006	9/29/2022	5.520	55.20	54.94	0.47%	2.510	25.10	25.24	-0.55%	
2	6/27/2022	Head	D2600V2 SN:1006	9/29/2022	5.160	51.60	54.94	-6.08%	2.320	23.20	25.24	-8.08%	22
2	6/30/2022	Head	D2600V2 SN:1006	9/29/2022	5.370	53.70	54.94	-2.26%	2.400	24.00	25.24	-4.91%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
3	5/18/2022	Head	D3500V2 SN:1011	4/21/2023	6.890	68.90	66.50	3.61%	2.610	26.10	24.90	4.82%	
3	5/22/2022	Head	D3500V2 SN:1011	4/21/2023	6.680	66.80	66.50	0.45%	2.570	25.70	24.90	3.21%	
3	5/26/2022	Head	D3500V2 SN:1011	4/21/2023	6.490	64.90	66.50	-2.41%	2.480	24.80	24.90	-0.40%	
3	5/26/2022	Head	D3700V2 SN:1039	5/6/2023	6.530	65.30	69.27	-5.73%	2.430	24.30	25.68	-5.37%	
3	5/28/2022	Head	D3900V2 SN:1052	9/16/2022	7.330	73.30	70.10	4.56%	2.610	26.10	24.30	7.41%	23
3	5/29/2022	Head	D3500V2 SN:1011	4/21/2023	6.910	69.10	66.50	3.91%	2.650	26.50	24.90	6.43%	
3	6/1/2022	Head	D3700V2 SN:1039	5/6/2023	6.570	65.70	69.27	-5.16%	2.440	24.40	25.68	-4.98%	
3	6/5/2022	Head	D3700V2 SN:1039	5/6/2023	7.130	71.30	69.27	2.93%	2.650	26.50	25.68	3.20%	
3	6/5/2022	Head	D3500V2 SN:1011	4/21/2023	7.040	70.40	66.50	5.86%	2.690	26.90	24.90	8.03%	24
3	6/9/2022	Head	D3500V2 SN:1060	2/25/2023	6.650	66.50	66.20	0.45%	2.560	25.60	24.70	3.64%	
3	6/9/2022	Head	D3700V2 SN:1039	5/6/2023	6.350	63.50	69.27	-8.33%	2.390	23.90	25.68	-6.92%	25
3	6/12/2022	Head	D3500V2 SN:1060	2/25/2023	6.670	66.70	66.20	0.76%	2.550	25.50	24.70	3.24%	
3	6/12/2022	Head	D3700V2 SN:1039	5/6/2023	6.560	65.60	69.27	-5.30%	2.440	24.40	25.68	-4.98%	
3	6/16/2022	Head	D3500V2 SN:1060	2/25/2023	6.900	69.00	66.20	4.23%	2.640	26.40	24.70	6.88%	26
3	6/16/2022	Head	D3700V2 SN:1039	5/6/2023	6.870	68.70	69.27	-0.82%	2.550	25.50	25.68	-0.69%	
3	6/19/2022	Head	D3500V2 SN:1060	2/25/2023	6.650	66.50	66.20	0.45%	2.550	25.50	24.70	3.24%	
3	6/19/2022	Head	D3700V2 SN:1039	5/6/2023	6.980	69.80	69.27	0.76%	2.600	26.00	25.68	1.25%	
3	6/23/2022	Head	D3500V2 SN:1060	2/25/2023	6.490	64.90	66.20	-1.96%	2.470	24.70	24.70	0.00%	
3	6/23/2022	Head	D3700V2 SN:1039	5/6/2023	6.490	64.90	69.27	-6.31%	2.390	23.90	25.68	-6.92%	
3	6/24/2022	Head	D2600V2 SN:1006	9/29/2022	5.370	53.70	54.94	-2.26%	2.410	24.10	25.24	-4.52%	27
3	6/26/2022	Head	D3500V2 SN:1060	2/25/2023	6.510	65.10	66.20	-1.66%	2.500	25.00	24.70	1.21%	
3	6/26/2022	Head	D3700V2 SN:1039	5/6/2023	6.550	65.50	69.27	-5.44%	2.440	24.40	25.68	-4.98%	
3	6/30/2022	Head	D3500V2 SN:1060	2/25/2023	6.720	67.20	66.20	1.51%	2.570	25.70	24.70	4.05%	
3	6/30/2022	Head	D3700V2 SN:1039	5/6/2023	6.720	67.20	69.27	-2.99%	2.500	25.00	25.68	-2.64%	
3	7/3/2022	Head	D3500V2 SN:1060	2/25/2023	6.470	64.70	66.20	-2.27%	2.490	24.90	24.70	0.81%	
3	7/3/2022	Head	D3700V2 SN:1039	5/6/2023	7.390	73.90	69.27	6.68%	2.730	27.30	25.68	6.32%	
3	7/7/2022	Head	D3500V2 SN:1060	2/25/2023	6.880	68.80	66.20	3.93%	2.650	26.50	24.70	7.29%	
3	7/7/2022	Head	D3700V2 SN:1039	5/6/2023	7.040	70.40	69.27	1.63%	2.640	26.40	25.68	2.81%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
4	5/16/2022	Head	D3500V2 SN:1011	4/21/2023	6.770	67.70	66.50	1.80%	2.570	25.70	24.90	3.21%	
4	5/19/2022	Head	D3500V2 SN:1011	4/21/2023	6.130	61.30	66.50	-7.82%	2.340	23.40	24.90	-6.02%	28
4	5/22/2022	Head	D3500V2 SN:1011	4/21/2023	6.180	61.80	66.50	-7.07%	2.370	23.70	24.90	-4.82%	
4	5/26/2022	Head	D3500V2 SN:1011	4/21/2023	6.510	65.10	66.50	-2.11%	2.490	24.90	24.90	0.00%	
4	5/26/2022	Head	D3700V2 SN:1039	5/6/2023	7.070	70.70	69.27	2.06%	2.630	26.30	25.68	2.42%	
4	5/29/2022	Head	D3500V2 SN:1011	4/21/2023	6.130	61.30	66.50	-7.82%	2.360	23.60	24.90	-5.22%	
4	5/29/2022	Head	D3700V2 SN:1039	5/6/2023	6.570	65.70	69.27	-5.16%	2.450	24.50	25.68	-4.59%	
4	6/1/2022	Head	D3500V2 SN:1011	4/21/2023	6.290	62.90	66.50	-5.41%	2.400	24.00	24.90	-3.61%	
4	6/3/2022	Head	D3900V2 SN:1052	9/16/2022	6.360	63.60	70.10	-9.27%	2.280	22.80	24.30	-6.17%	29
4	6/5/2022	Head	D3500V2 SN:1011	4/21/2023	6.240	62.40	66.50	-6.17%	2.370	23.70	24.90	-4.82%	
4	6/5/2022	Head	D3900V2 SN:1052	9/16/2022	7.100	71.00	70.10	1.28%	2.550	25.50	24.30	4.94%	
4	6/9/2022	Head	D3500V2 SN:1011	4/21/2023	6.380	63.80	66.50	-4.06%	2.450	24.50	24.90	-1.61%	
4	6/9/2022	Head	D3900V2 SN:1052	9/16/2022	6.630	66.30	70.10	-5.42%	2.350	23.50	24.30	-3.29%	
4	6/10/2022	Head	D3700V2 SN:1039	5/6/2023	6.960	69.60	69.27	0.47%	2.610	26.10	25.68	1.64%	
4	6/12/2022	Head	D3500V2 SN:1011	4/21/2023	6.480	64.80	66.50	-2.56%	2.490	24.90	24.90	0.00%	
4	6/12/2022	Head	D3700V2 SN:1039	5/6/2023	6.840	68.40	69.27	-1.26%	2.550	25.50	25.68	-0.69%	
4	6/13/2022	Head	D3900V2 SN:1052	9/16/2022	7.040	70.40	70.10	0.43%	2.530	25.30	24.30	4.12%	
4	6/16/2022	Head	D3500V2 SN:1011	4/21/2023	6.640	66.40	66.50	-0.15%	2.530	25.30	24.90	1.61%	
4	6/16/2022	Head	D3700V2 SN:1039	5/6/2023	6.890	68.90	69.27	-0.54%	2.580	25.80	25.68	0.48%	
4	6/16/2022	Head	D3900V2 SN:1052	9/16/2022	7.060	70.60	70.10	0.71%	2.520	25.20	24.30	3.70%	
4	6/19/2022	Head	D3500V2 SN:1011	4/21/2023	6.410	64.10	66.50	-3.61%	2.450	24.50	24.90	-1.61%	
4	6/19/2022	Head	D3700V2 SN:1039	5/6/2023	6.660	66.60	69.27	-3.86%	2.460	24.60	25.68	-4.20%	
4	6/19/2022	Head	D3900V2 SN:1052	9/16/2022	6.720	67.20	70.10	-4.14%	2.380	23.80	24.30	-2.06%	
4	6/23/2022	Head	D3500V2 SN:1060	2/25/2023	6.110	61.10	66.20	-7.70%	2.350	23.50	24.70	-4.86%	30
4	6/23/2022	Head	D3700V2 SN:1039	5/6/2023	6.410	64.10	69.27	-7.46%	2.380	23.80	25.68	-7.31%	31
4	6/23/2022	Head	D3900V2 SN:1052	9/16/2022	6.380	63.80	70.10	-8.99%	2.270	22.70	24.30	-6.58%	
4	6/24/2022	Head	D2600V2 SN:1006	9/29/2022	5.470	54.70	54.94	-0.44%	2.440	24.40	25.24	-3.33%	
4	6/26/2022	Head	D3500V2 SN:1011	4/21/2023	6.490	64.90	66.50	-2.41%	2.480	24.80	24.90	-0.40%	
4	6/26/2022	Head	D3700V2 SN:1039	5/6/2023	6.580	65.80	69.27	-5.01%	2.430	24.30	25.68	-5.37%	
4	6/26/2022	Head	D3900V2 SN:1052	9/16/2022	6.970	69.70	70.10	-0.57%	2.500	25.00	24.30	2.88%	
4	7/1/2022	Head	D2600V2 SN:1006	9/29/2022	5.570	55.70	54.94	1.38%	2.500	25.00	25.24	-0.95%	32
4	7/3/2022	Head	D3500V2 SN:1011	4/21/2023	6.620	66.20	66.50	-0.45%	2.520	25.20	24.90	1.20%	
4	7/3/2022	Head	D3700V2 SN:1039	5/6/2023	6.590	65.90	69.27	-4.87%	2.450	24.50	25.68	-4.59%	
4	7/3/2022	Head	D3900V2 SN:1052	9/16/2022	6.450	64.50	70.10	-7.99%	2.300	23.00	24.30	-5.35%	
4	7/7/2022	Head	D3500V2 SN:1011	4/21/2023	6.510	65.10	66.50	-2.11%	2.520	25.20	24.90	1.20%	
4	7/7/2022	Head	D3900V2 SN:1052	9/16/2022	6.720	67.20	70.10	-4.14%	2.390	23.90	24.30	-1.65%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
6	5/18/2022	Head	D3900V2 SN:1052	9/16/2022	7.180	71.80	70.10	2.43%	2.520	25.20	24.30	3.70%	
6	5/22/2022	Head	D3900V2 SN:1052	9/16/2022	6.900	69.00	70.10	-1.57%	2.440	24.40	24.30	0.41%	
6	5/26/2022	Head	D3900V2 SN:1052	9/16/2022	7.520	75.20	70.10	7.28%	2.630	26.30	24.30	8.23%	
6	5/28/2022	Head	D3500V2 SN:1060	2/25/2023	6.950	69.50	66.20	4.98%	2.680	26.80	24.70	8.50%	
6	5/31/2022	Head	D3900V2 SN:1052	9/16/2022	7.350	73.50	70.10	4.85%	2.610	26.10	24.30	7.41%	
6	6/1/2022	Head	D3500V2 SN:1060	2/25/2023	6.620	66.20	66.20	0.00%	2.530	25.30	24.70	2.43%	
6	6/5/2022	Head	D3500V2 SN:1060	2/25/2023	6.710	67.10	66.20	1.36%	2.550	25.50	24.70	3.24%	
6	6/5/2022	Head	D3900V2 SN:1052	9/16/2022	7.560	75.60	70.10	7.85%	2.660	26.60	24.30	9.47%	33
6	6/9/2022	Head	D3500V2 SN:1060	2/25/2023	6.960	69.60	66.20	5.14%	2.710	27.10	24.70	9.72%	
6	6/9/2022	Head	D3900V2 SN:1052	9/16/2022	7.160	71.60	70.10	2.14%	2.550	25.50	24.30	4.94%	
6	6/12/2022	Head	D3500V2 SN:1060	2/25/2023	6.730	67.30	66.20	1.66%	2.560	25.60	24.70	3.64%	
6	6/12/2022	Head	D3700V2 SN:1039	5/6/2023	6.730	67.30	69.27	-2.85%	2.500	25.00	25.68	-2.64%	
6	6/12/2022	Head	D3900V2 SN:1052	9/16/2022	7.000	70.00	70.10	-0.14%	2.480	24.80	24.30	2.06%	
6	6/16/2022	Head	D3500V2 SN:1060	2/25/2023	7.080	70.80	66.20	6.95%	2.600	26.00	24.70	5.26%	
6	6/16/2022	Head	D3700V2 SN:1039	5/6/2023	7.440	74.40	69.27	7.40%	2.680	26.80	25.68	4.37%	
6	6/16/2022	Head	D3900V2 SN:1052	9/16/2022	6.960	69.60	70.10	-0.71%	2.460	24.60	24.30	1.23%	
6	6/19/2022	Head	D3500V2 SN:1060	2/25/2023	7.080	70.80	66.20	6.95%	2.700	27.00	24.70	9.31%	34
6	6/19/2022	Head	D3700V2 SN:1039	5/6/2023	7.340	73.40	69.27	5.96%	2.730	27.30	25.68	6.32%	
6	6/19/2022	Head	D3900V2 SN:1052	9/16/2022	7.510	75.10	70.10	7.13%	2.660	26.60	24.30	9.47%	
6	6/23/2022	Head	D3500V2 SN:1060	2/25/2023	7.060	70.60	66.20	6.65%	2.710	27.10	24.70	9.72%	
6	6/23/2022	Head	D3700V2 SN:1039	5/6/2023	7.540	75.40	69.27	8.85%	2.800	28.00	25.68	9.04%	35
6	6/23/2022	Head	D3900V2 SN:1052	9/16/2022	7.360	73.60	70.10	4.99%	2.640	26.40	24.30	8.64%	
6	6/24/2022	Head	D2600V2 SN:1006	9/29/2022	5.870	58.70	54.94	6.84%	2.660	26.60	25.24	5.39%	
6	6/26/2022	Head	D3500V2 SN:1060	2/25/2023	6.780	67.80	66.20	2.42%	2.620	26.20	24.70	6.07%	
6	6/26/2022	Head	D3700V2 SN:1039	5/6/2023	7.220	72.20	69.27	4.23%	2.690	26.90	25.68	4.76%	
6	6/26/2022	Head	D3900V2 SN:1052	9/16/2022	7.280	72.80	70.10	3.85%	2.610	26.10	24.30	7.41%	
6	6/29/2022	Head	D2450V2 SN:748	2/22/2023	5.630	56.30	52.40	7.44%	2.610	26.10	24.40	6.97%	36
6	6/30/2022	Head	D2600V2 SN:1006	9/29/2022	6.040	60.40	54.94	9.94%	2.760	27.60	25.24	9.35%	37
6	7/3/2022	Head	D3500V2 SN:1060	2/25/2023	6.530	65.30	66.20	-1.36%	2.570	25.70	24.70	4.05%	
6	7/3/2022	Head	D3700V2 SN:1039	5/6/2023	7.030	70.30	69.27	1.49%	2.680	26.80	25.68	4.37%	
6	7/3/2022	Head	D3900V2 SN:1052	9/16/2022	6.630	66.30	70.10	-5.42%	2.360	23.60	24.30	-2.88%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
8	5/16/2022	Head	D2600V2 SN:1006	9/29/2022	5.500	55.00	54.94	0.11%	2.480	24.80	25.24	-1.74%	
8	5/19/2022	Head	D2600V2 SN:1006	9/29/2022	5.590	55.90	54.94	1.75%	2.520	25.20	25.24	-0.16%	
8	5/22/2022	Head	D2600V2 SN:1006	9/29/2022	5.630	56.30	54.94	2.48%	2.550	25.50	25.24	1.03%	
8	5/24/2022	Head	D2450V2 SN:748	2/22/2023	5.160	51.60	52.40	-1.53%	2.420	24.20	24.40	-0.82%	
8	5/26/2022	Head	D2600V2 SN:1006	9/29/2022	5.090	50.90	54.94	-7.35%	2.320	23.20	25.24	-8.08%	
8	5/29/2022	Head	D2600V2 SN:1006	9/29/2022	5.220	52.20	54.94	-4.99%	2.350	23.50	25.24	-6.89%	
8	5/31/2022	Head	D2450V2 SN:748	2/22/2023	5.030	50.30	52.40	-4.01%	2.360	23.60	24.40	-3.28%	
8	6/2/2022	Head	D2600V2 SN:1006	9/29/2022	5.900	59.00	54.94	7.39%	2.690	26.90	25.24	6.58%	
8	6/5/2022	Head	D2600V2 SN:1006	9/29/2022	6.000	60.00	54.94	9.21%	2.710	27.10	25.24	7.37%	38
8	6/7/2022	Head	D2450V2 SN:748	2/22/2023	5.440	54.40	52.40	3.82%	2.590	25.90	24.40	6.15%	
8	6/9/2022	Head	D2600V2 SN:1006	9/29/2022	5.980	59.80	54.94	8.85%	2.770	27.70	25.24	9.75%	
8	6/11/2022	Head	D2450V2 SN:748	2/22/2023	5.430	54.30	52.40	3.63%	2.610	26.10	24.40	6.97%	
8	6/12/2022	Head	D2600V2 SN:1006	9/29/2022	5.860	58.60	54.94	6.66%	2.700	27.00	25.24	6.97%	
8	6/15/2022	Head	D2450V2 SN:748	2/22/2023	5.090	50.90	52.40	-2.86%	2.420	24.20	24.40	-0.82%	
8	6/18/2022	Head	D2600V2 SN:1006	9/29/2022	5.190	51.90	54.94	-5.53%	2.430	24.30	25.24	-3.72%	
8	6/19/2022	Head	D2450V2 SN:748	2/22/2023	5.390	53.90	52.40	2.86%	2.560	25.60	24.40	4.92%	
8	6/22/2022	Head	D2600V2 SN:1006	9/29/2022	5.710	57.10	54.94	3.93%	2.650	26.50	25.24	4.99%	
8	6/23/2022	Head	D2450V2 SN:748	2/22/2023	4.900	49.00	52.40	-6.49%	2.340	23.40	24.40	-4.10%	39
8	6/27/2022	Head	D2450V2 SN:748	2/22/2023	5.010	50.10	52.40	-4.39%	2.330	23.30	24.40	-4.51%	
8	6/30/2022	Head	D2450V2 SN:748	2/22/2023	5.200	52.00	52.40	-0.76%	2.420	24.20	24.40	-0.82%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
10	5/25/2022	Head	D750V3 SN:1019	4/26/2023	0.884	8.84	8.62	2.55%	0.593	5.93	5.67	4.59%	
10	5/29/2022	Head	D750V3 SN:1019	4/26/2023	0.884	8.84	8.62	2.55%	0.593	5.93	5.67	4.59%	
10	6/2/2022	Head	D750V3 SN:1019	4/26/2023	0.896	8.96	8.62	3.94%	0.588	5.88	5.67	3.70%	
10	6/5/2022	Head	D750V3 SN:1019	4/26/2023	0.864	8.64	8.62	0.23%	0.571	5.71	5.67	0.71%	
10	6/9/2022	Head	D750V3 SN:1019	4/26/2023	0.879	8.79	8.62	1.97%	0.580	5.80	5.67	2.29%	
10	6/12/2022	Head	D750V3 SN:1019	4/26/2023	0.851	8.51	8.62	-1.28%	0.556	5.56	5.67	-1.94%	
10	6/14/2022	Head	D1750V2 SN:1050	4/27/2023	3.910	39.10	36.40	7.42%	2.090	20.90	19.10	9.42%	40
10	6/15/2022	Head	D1950V3 SN:1136	4/28/2023	3.720	37.20	41.30	-9.93%	1.920	19.20	21.30	-9.86%	41
10	6/16/2022	Head	D750V3 SN:1019	4/26/2023	0.880	8.80	8.62	2.09%	0.583	5.83	5.67	2.82%	
10	6/19/2022	Head	D750V3 SN:1019	4/26/2023	0.849	8.49	8.62	-1.51%	0.562	5.62	5.67	-0.88%	
10	6/23/2022	Head	D750V3 SN:1019	4/26/2023	0.907	9.07	8.62	5.22%	0.590	5.90	5.67	4.06%	
10	6/27/2022	Head	D750V3 SN:1019	4/26/2023	0.860	8.60	8.62	-0.23%	0.563	5.63	5.67	-0.71%	
10	7/1/2022	Head	D750V3 SN:1019	4/26/2023	0.870	8.70	8.62	0.93%	0.567	5.67	5.67	0.00%	
10	7/5/2022	Head	D750V3 SN:1019	4/26/2023	0.812	8.12	8.62	-5.80%	0.525	5.25	5.67	-7.41%	42
10	7/9/2022	Head	D750V3 SN:1019	4/26/2023	0.889	8.89	8.62	3.13%	0.587	5.87	5.67	3.53%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
11	5/26/2022	Head	D835V2 SN:4d142	8/10/2022	1.030	10.30	9.64	6.85%	0.677	6.77	6.28	7.80%	
11	5/31/2022	Head	D835V2 SN:4d142	8/10/2022	1.000	10.00	9.64	3.73%	0.659	6.59	6.28	4.94%	
11	6/2/2022	Head	D835V2 SN:4d142	8/10/2022	1.020	10.20	9.64	5.81%	0.661	6.61	6.28	5.25%	
11	6/5/2022	Head	D835V2 SN:4d142	8/10/2022	0.912	9.12	9.64	-5.39%	0.595	5.95	6.28	-5.25%	
11	6/9/2022	Head	D835V2 SN:4d142	8/10/2022	1.050	10.50	9.64	8.92%	0.686	6.86	6.28	9.24%	
11	6/12/2022	Head	D835V2 SN:4d142	8/10/2022	1.020	10.20	9.64	5.81%	0.668	6.68	6.28	6.37%	
11	6/15/2022	Head	D835V2 SN:4d142	8/10/2022	1.040	10.40	9.64	7.88%	0.682	6.82	6.28	8.60%	
11	6/20/2022	Head	D835V2 SN:4d142	8/10/2022	1.050	10.50	9.64	8.92%	0.686	6.86	6.28	9.24%	43
11	6/24/2022	Head	D835V2 SN:4d142	8/10/2022	1.040	10.40	9.64	7.88%	0.685	6.85	6.28	9.08%	
11	6/26/2022	Head	D750V3 SN:1019	4/26/2023	0.909	9.09	8.62	5.45%	0.599	5.99	5.67	5.64%	44
11	6/28/2022	Head	D835V2 SN:4d142	8/10/2022	1.040	10.40	9.64	7.88%	0.684	6.84	6.28	8.92%	
11	7/1/2022	Head	D835V2 SN:4d142	8/10/2022	1.050	10.50	9.64	8.92%	0.675	6.75	6.28	7.48%	
11	7/5/2022	Head	D835V2 SN:4d142	8/10/2022	1.040	10.40	9.64	7.88%	0.675	6.75	6.28	7.48%	
11	7/9/2022	Head	D900V2 SN:1d143	9/29/2022	1.100	11.00	10.71	2.71%	0.710	7.10	6.97	1.87%	45

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
12	5/25/2022	Head	D835V2 SN:4d142	8/10/2022	1.030	10.30	9.64	6.85%	0.677	6.77	6.28	7.80%	
12	5/27/2022	Head	D750V3 SN:1071	11/24/2022	0.804	8.04	8.36	-3.83%	0.525	5.25	5.53	-5.06%	
12	5/31/2022	Head	D750V3 SN:1071	11/24/2022	0.884	8.84	8.36	5.74%	0.584	5.84	5.53	5.61%	46
12	5/31/2022	Head	D835V2 SN:4d142	8/10/2022	1.000	10.00	9.64	3.73%	0.654	6.54	6.28	4.14%	
12	6/2/2022	Head	D750V3 SN:1071	11/24/2022	0.862	8.62	8.36	3.11%	0.564	5.64	5.53	1.99%	
12	6/2/2022	Head	D835V2 SN:4d142	8/10/2022	0.892	8.92	9.64	-7.47%	0.580	5.80	6.28	-7.64%	47
12	6/5/2022	Head	D750V3 SN:1019	4/26/2023	0.851	8.51	8.62	-1.28%	0.560	5.60	5.67	-1.23%	
12	6/9/2022	Head	D750V3 SN:1019	4/26/2023	0.815	8.15	8.62	-5.45%	0.534	5.34	5.67	-5.82%	
12	6/9/2022	Head	D1640V2 SN:324	3/8/2023	3.640	36.40	34.08	6.81%	2.010	20.10	18.67	7.66%	
12	6/12/2022	Head	D1640V2 SN:324	3/8/2023	3.730	37.30	34.08	9.45%	2.040	20.40	18.67	9.27%	48
12	6/15/2022	Head	D750V3 SN:1071	11/24/2022	0.834	8.34	8.36	-0.24%	0.540	5.40	5.53	-2.35%	
12	6/17/2022	Head	D1640V2 SN:324	3/8/2023	3.500	35.00	34.08	2.70%	1.920	19.20	18.67	2.84%	
12	6/20/2022	Head	D750V3 SN:1071	11/24/2022	0.858	8.58	8.36	2.63%	0.560	5.60	5.53	1.27%	
12	6/21/2022	Head	D1640V2 SN:324	3/8/2023	3.690	36.90	34.08	8.27%	2.030	20.30	18.67	8.73%	
12	6/24/2022	Head	D750V3 SN:1019	4/26/2023	0.857	8.57	8.62	-0.58%	0.569	5.69	5.67	0.35%	
12	6/24/2022	Head	D1640V2 SN:324	3/8/2023	3.510	35.10	34.08	2.99%	1.910	19.10	18.67	2.30%	
12	6/27/2022	Head	D750V3 SN:1019	4/26/2023	0.882	8.82	8.62	2.32%	0.571	5.71	5.67	0.71%	
12	7/1/2022	Head	D750V3 SN:1019	4/26/2023	0.916	9.16	8.62	6.26%	0.587	5.87	5.67	3.53%	49
12	7/2/2022	Head	D1750V2 SN:1077	9/29/2022	3.880	38.80	36.59	6.04%	2.070	20.70	19.51	6.10%	50
12	7/5/2022	Head	D750V3 SN:1071	11/24/2022	0.876	8.76	8.36	4.78%	0.577	5.77	5.53	4.34%	
12	7/6/2022	Head	D1640V2 SN:324	3/8/2023	3.420	34.20	34.08	0.35%	1.880	18.80	18.67	0.70%	
12	7/9/2022	Head	D750V3 SN:1019	4/26/2023	0.841	8.41	8.62	-2.44%	0.553	5.53	5.67	-2.47%	
12	7/14/2022	Head	D1640V2 SN:324	3/8/2023	3.180	31.80	34.08	-6.69%	1.740	17.40	18.67	-6.80%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
13	6/3/2022	Head	D835V2 SN:4d142	8/10/2022	0.967	9.67	9.64	0.31%	0.636	6.36	6.28	1.27%	
13	6/7/2022	Head	D835V2 SN:4d142	8/10/2022	0.933	9.33	9.64	-3.22%	0.611	6.11	6.28	-2.71%	
13	6/9/2022	Head	D835V2 SN:4d142	8/10/2022	0.986	9.86	9.64	2.28%	0.643	6.43	6.28	2.39%	
13	6/12/2022	Head	D835V2 SN:4d142	8/10/2022	0.981	9.81	9.64	1.76%	0.641	6.41	6.28	2.07%	
13	6/14/2022	Head	D2600V2 SN:1006	9/29/2022	5.550	55.50	54.94	1.02%	2.530	25.30	25.24	0.24%	51
13	6/16/2022	Head	D835V2 SN:4d142	8/10/2022	0.992	9.92	9.64	2.90%	0.651	6.51	6.28	3.66%	
13	6/20/2022	Head	D835V2 SN:4d142	8/10/2022	0.987	9.87	9.64	2.39%	0.642	6.42	6.28	2.23%	
13	6/24/2022	Head	D835V2 SN:4d142	8/10/2022	0.982	9.82	9.64	1.87%	0.640	6.40	6.28	1.91%	
13	6/27/2022	Head	D835V2 SN:4d142	8/10/2022	0.956	9.56	9.64	-0.83%	0.612	6.12	6.28	-2.55%	
13	7/1/2022	Head	D835V2 SN:4d142	8/10/2022	1.010	10.10	9.64	4.77%	0.665	6.65	6.28	5.89%	52
13	7/2/2022	Head	D1900V2 SN:5d163	9/29/2022	4.240	42.40	40.61	4.41%	2.210	22.10	21.02	5.14%	53
13	7/5/2022	Head	D835V2 SN:4d142	8/10/2022	1.010	10.10	9.64	4.77%	0.652	6.52	6.28	3.82%	
13	7/9/2022	Head	D835V2 SN:4d142	8/10/2022	0.970	9.70	9.64	0.62%	0.632	6.32	6.28	0.64%	

9. Conducted Output Power Measurements

Power measurements were performed in accordance to the device's two power modes, Mode A and Mode B for each antenna. Mode A power is used when the device is used against the user's head or away from the body. Mode B power is used when the device is used in a Body-worn configuration by the user.

The selection between antennas in the application is based on RSSI based antenna selection. The full details of power selections are described in the operational description. Refer to Sec. 7 and Sec. 10 for details of the testing. Test reductions have applied accordingly following the SAR KDB Procedure for the supported wireless technologies of the DUT. This is noted in detail for each technology in their respective Sections.

The Tune-up limit already includes component tolerance. KDB 447498 sec.4.1.(d) at the maximum rated output power and within the tune-up tolerance range specified for the product, but not more than 2 dB lower than the maximum tune-up tolerance limit.

Two different powers are being displayed in this section:

- Target Output Power: Power not including the + tolerance
- Tune-Up Limit: Power of target + tolerance.

9.1. GSM

Per KDB 941225 D01 3G SAR Procedures:

SAR test reduction for GPRS and EDGE modes is determined by the source-based time-averaged output power specified for production units, including tune-up tolerance. The data mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested.

When different maximum output power applies to GSM voice or GPRS/EDGE time slots, GSM voice and GPRS/EDGE time slots should be tested separately to determine compliance by summing the corresponding reported SAR.

The GMSK EDGE configurations are grouped with GPRS and considered with respect to time-averaged maximum output power to determine compliance

Per October 2013 TCB Workshop:
When the maximum frame-averaged powers levels are within 0.25 dB of each other, test the configuration with the most number of time slots.

Output Power for GSM

SAR is not required for EDGE (8PSK) mode because the maximum output power and tune-up limit is ≤ 1/4dB higher than GPRS/EDGE (GMSK) or the adjusted SAR of the highest reported SAR of GPRS/EDGE (GMSK) is ≤ 1.2W/kg.

RF Air interface	Mode	Target Output Power (dBm)								Tolerance	Maximum Output Power (Tune-up Limit) (dBm)							
		ANT1		ANT2		ANT3		ANT4			ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
GSM850	Voice/GPRS (1 slot)	32.5	32.5	31.1	31.5					1.0 / -1.0	33.5	33.5	32.1	32.5				
	GPRS 2 slots	31.5	31.0	28.1	30.5					1.0 / -1.0	32.5	32.0	29.1	31.5				
	EGPRS 1 slot	27.0	27.0	26.0	26.0					1.0 / -1.0	28.0	28.0	27.0	27.0				
	EGPRS 2 slots	26.0	26.0	25.0	25.0					1.0 / -1.0	27.0	27.0	26.0	26.0				
GSM1900	Voice/GPRS (1 slot)	31.0	25.7	28.5	28.5	29.4	27.8	26.2	27.7	1.0 / -1.0	32.0	26.7	29.5	29.5	30.4	28.8	27.2	28.7
	GPRS 2 slots	30.0	22.7	25.7	27.2	29.4	24.8	23.2	24.7	1.0 / -1.0	31.0	23.7	26.7	28.2	30.4	25.8	24.2	25.7
	EGPRS 1 slot	26.0	25.7	23.5	23.5	25.5	25.5	23.0	23.0	1.0 / -1.0	27.0	26.7	24.5	24.5	26.5	26.5	24.0	24.0
	EGPRS 2 slots	25.0	22.7	22.5	22.5	24.5	24.5	22.0	22.0	1.0 / -1.0	26.0	23.7	23.5	23.5	25.5	25.5	23.0	23.0

GSM850 Measured Results (ANT1)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	128	824.2	32.1	23.0	33.5	24.5	32.5	23.4	33.5	24.5
			190	836.6	32.9	23.8			32.8	23.7		
			251	848.8	32.8	23.8			32.7	23.6		
		2	128	824.2	31.5	25.5	32.5	**26.5**	30.8	24.8	32.0	**26.0**
			190	836.6	31.7	25.6			31.0	25.0		
			251	848.8	31.7	25.6			31.0	25.0		
EDGE (8PSK)	MCS5	1	128	824.2	27.0	17.9	28.0	19.0	26.9	17.9	28.0	19.0
			190	836.6	27.4	18.4			27.1	18.0		
			251	848.8	27.4	18.4			27.2	18.1		
		2	128	824.2	25.8	19.8	27.0	21.0	26.0	20.0	27.0	21.0
			190	836.6	26.3	20.3			26.1	20.1		
			251	848.8	26.2	20.2			26.1	20.1		

Note(s):

Based on the Tune-up Procedure, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

GSM850 Measured Results (ANT2)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	128	824.2	31.6	22.5	32.1	23.1	31.9	22.9	32.5	23.5
			190	836.6	31.6	22.6			32.0	23.0		
			251	848.8	31.5	22.5			31.9	22.9		
		2	128	824.2	28.1	22.0	29.1	**23.1**	30.3	24.3	31.5	**25.5**
			190	836.6	28.1	22.0			30.3	24.3		
			251	848.8	28.1	22.0			30.3	24.3		
EDGE (8PSK)	MCS5	1	128	824.2	26.3	17.3	27.0	18.0	26.1	17.1	27.0	18.0
			190	836.6	26.4	17.4			26.2	17.2		
			251	848.8	26.3	17.3			26.2	17.1		
		2	128	824.2	25.4	19.4	26.0	20.0	25.1	19.1	26.0	20.0
			190	836.6	25.5	19.4			25.1	19.1		
			251	848.8	25.4	19.4			25.1	19.1		

Note(s):

Based on the Tune-up Procedure, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

GSM1900 Measured Results (ANT1)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A(dBm)				Power Mode B (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	31.5	22.5	32.0	23.0	26.4	17.3	26.7	17.7
			661	1880.0	31.7	22.7			26.4	17.3		
			810	1909.8	31.6	22.5			26.4	17.3		
		2	512	1850.2	30.0	24.0	31.0	**25.0**	23.4	17.4	23.7	**17.7**
			661	1880.0	30.4	24.4			23.5	17.5		
			810	1909.8	30.4	24.3			23.5	17.5		
EDGE (8PSK)	MCS5	1	512	1850.2	26.4	17.4	27.0	18.0	25.6	16.5	26.7	17.7
			661	1880.0	26.9	17.8			25.8	16.8		
			810	1909.8	26.4	17.4			25.6	16.6		
		2	512	1850.2	25.6	19.6	26.0	20.0	22.8	16.8	23.7	**17.7**
			661	1880.0	25.8	19.8			22.8	16.8		
			810	1909.8	25.6	19.6			22.8	16.8		

Note(s):

Based on the Tune-up Procedure, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

GSM1900 Measured Results (ANT2)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	28.4	19.4	29.5	20.5	28.5	19.5	29.5	20.5
			661	1880.0	28.4	19.4			28.6	19.6		
			810	1909.8	28.4	19.4			28.6	19.5		
		2	512	1850.2	25.0	19.0	26.7	**20.7**	26.7	20.7	28.2	**22.2**
			661	1880.0	25.5	19.5			26.9	20.9		
			810	1909.8	25.4	19.4			26.9	20.9		
EDGE (8PSK)	MCS5	1	512	1850.2	23.6	14.5	24.5	15.5	23.6	14.6	24.5	15.5
			661	1880.0	23.6	14.5			23.7	14.7		
			810	1909.8	23.6	14.6			23.7	14.6		
		2	512	1850.2	22.7	16.6	23.5	17.5	22.5	16.5	23.5	17.5
			661	1880.0	22.8	16.7			22.6	16.5		
			810	1909.8	22.8	16.8			22.6	16.5		

Note(s):

Based on the Tune-up Procedure, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

GSM1900 Measured Results (ANT3)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	29.4	20.4	30.4	21.4	27.3	18.3	28.8	19.8
			661	1880.0	29.4	20.3			27.4	18.4		
			810	1909.8	29.2	20.1			27.9	18.8		
		2	512	1850.2	30.3	24.3	30.4	**24.4**	25.7	19.7	25.8	**19.8**
			661	1880.0	30.4	24.4			25.8	19.8		
			810	1909.8	30.4	24.4			25.7	19.7		
EDGE (8PSK)	MCS5	1	512	1850.2	26.4	17.4	26.5	17.5	26.4	17.4	26.5	17.5
			661	1880.0	26.4	17.4			26.4	17.4		
			810	1909.8	26.4	17.3			26.4	17.3		
		2	512	1850.2	25.3	19.3	25.5	19.5	25.3	19.3	25.5	19.5
			661	1880.0	25.4	19.3			25.4	19.3		
			810	1909.8	25.5	19.5			25.5	19.5		

Note(s):

Based on the Tune-up Procedure, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

GSM1900 Measured Results (ANT4)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	26.3	17.3	27.2	18.2	27.9	18.8	28.7	19.7
			661	1880.0	26.4	17.4			27.8	18.8		
			810	1909.8	26.4	17.3			27.9	18.9		
		2	512	1850.2	23.7	17.7	24.2	**18.2**	25.0	19.0	25.7	**19.7**
			661	1880.0	23.7	17.7			25.1	19.1		
			810	1909.8	23.5	17.5			25.0	19.0		
EDGE (8PSK)	MCS5	1	512	1850.2	23.2	14.2	24.0	15.0	23.2	14.2	24.0	15.0
			661	1880.0	23.2	14.2			23.2	14.2		
			810	1909.8	23.2	14.1			23.2	14.1		
		2	512	1850.2	22.2	16.1	23.0	17.0	22.2	16.1	23.0	17.0
			661	1880.0	22.3	16.3			22.3	16.3		
			810	1909.8	22.3	16.2			22.3	16.2		

Note(s):

Based on the Tune-up Procedure, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

9.2. W-CDMA

Per KDB 941225 D01 3G SAR Procedures for W-CDMA:

Maximum output power is verified on the high, middle and low channels and using the appropriate 12.2 kbps RMC with TPC (transmit power control) set to all "1's"

Release 99 Setup Procedures used to establish the test signals

The following tests were completed according to the test requirements outlined in section 5.2 of the 3GPP TS34.121-1. A summary of these settings are illustrated below:

Mode	Subtest	Rel99
WCDMA General Settings	Loopback Mode	Test Mode 2
	Rel99 RMC	12.2kbps RMC
	Power Control Algorithm	Algorithm2
	βc/βd	8/15

HSDPA Setup Procedures used to establish the test signals

The following 4 Sub-tests were completed according to Release 5 procedures in table C.10.1.4 of 3GPP TS 34.121-1
A summary of these settings are illustrated below:

Table C.10.1.4: β values for transmitter characteristics tests with HS-DPCCH

Sub-test	β_c	β_d	β_d *(SF)*	β_c/β_d	β_{HS} *(Note1, Note 2)*	CM (dB) *(Note 3)*	MPR (dB) *(Note 3)*
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15 *(Note 4)*	15/15 *(Note 4)*	64	12/15 *(Note 4)*	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c.

Note 2: For the HS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude (EVM) with HS-DPCCH test in clause 5.13.1A, and HSDPA EVM with phase discontinuity in clause 5.13.1AA, Δ_{ACK} and Δ_{NACK} = 30/15 with β_{hs} = 30/15 * β_c, and Δ_{CQI} = 24/15 with β_{hs} = 24/15 * β_c.

Note 3: CM = 1 for β_c/β_d =12/15, β_{hs}/β_c=24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.

Note 4: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 11/15 and β_d = 15/15.

HSUPA Setup Procedures used to establish the test signals

The following 5 Sub-tests were completed according to Release 6 procedures in table C.11.1.3 of 3GPP TS 34.121-1. A summary of these settings are illustrated below:

Table C.11.1.3: β values for transmitter characteristics tests with HS-DPCCH and E-DCH

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{hs} (Note1)	β_{ec}	β_{ed} (Note 4) (Note 5)	β_{ed} (SF)	β_{ed} (Codes)	CM (dB) (Note 2)	MPR (dB) (Note 2) (Note 6)	AG Index (Note 5)	E-TFCI
1	11/15 (Note 3)	15/15 (Note 3)	64	11/15 (Note 3)	22/15	209/225	1309/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	$\beta_{ed}1$: 47/15 $\beta_{ed}2$: 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15	0	-	-	5/15	5/15	47/15	4	1	1.0	0.0	12	67

Note 1: For sub-test 1 to 4, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c. For sub-test 5, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 5/15 with β_{hs} = 5/15 * β_c.

Note 2: CM = 1 for β_c/β_d =12/15, β_{hs}/β_c=24/15. For all other combinations of DPDCH, DPCCH, HS- DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.

Note 3: For subtest 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 10/15 and β_d = 15/15.

Note 4: In case of testing by UE using E-DPDCH Physical Layer category 1, Sub-test 3 is omitted according to TS25.306 Table 5.1g.

Note 5: β_{ed} can not be set directly; it is set by Absolute Grant Value.

Note 6: For subtests 2, 3 and 4, UE may perform E-DPDCH power scaling at max power which could results in slightly smaller MPR values.

DC-HSDPA Setup Procedures used to establish the test signals

The following 4 Sub-tests for DC-HSDPA were completed according to Release 8 procedures in table C08.1.12 of 3GPP TS 34.121-1. A summary of subtest settings are illustrated below:

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

Parameter	Unit	Value
Nominal Avg. Inf. Bit Rate	kbps	60
Inter-TTI Distance	TTI's	1
Number of HARQ Processes	Proces ses	6
Information Bit Payload (N_{INF})	Bits	120
Number Code Blocks	Blocks	1
Binary Channel Bits Per TTI	Bits	960
Total Available SML's in UE	SML's	19200
Number of SML's per HARQ Proc.	SML's	3200
Coding Rate		0.15
Number of Physical Channel Codes	Codes	1
Modulation		QPSK
Note 1: The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table.		
Note 2: Maximum number of transmission is limited to 1, i.e., retransmission is not allowed. The redundancy and constellation version 0 shall be used.		

HSPA+ Setup Procedures used to establish the test signals

The following 1 Sub-test was completed according to Release 7 procedures in table C.11.1.4 of 3GPP TS34.121. A summary of these settings are illustrated below:

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

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

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

Output Power for W-CDMA

SAR measurement is not required for the HSDPA, HSUPA, DC-HSDPA and HSPA+. When primary mode and the adjusted SAR is ≤ 1.2 W/kg and secondary mode is ≤ ¼ dB higher than the primary mode

RF Air interface	Mode	Target Output Power (dBm)								Tolerance	Maximum Output Power (Tune-up Limit) (dBm)							
		ANT1		ANT2		ANT3		ANT4			ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
W-CDMA Band 2	R99	24.6	17.0	20.0	21.5	24.3	19.5	17.5	19.0	0.7 / -1.0	25.3	17.7	20.7	22.2	25.0	20.2	18.2	19.7
	HSDPA	24.6	17.0	20.0	21.5	24.3	19.5	17.5	19.0	0.7 / -1.0	25.3	17.7	20.7	22.2	25.0	20.2	18.2	19.7
	HSUPA	24.6	17.0	20.0	21.5	24.3	19.5	17.5	19.0	0.7 / -1.0	25.3	17.7	20.7	22.2	25.0	20.2	18.2	19.7
	DC-HSDPA	24.6	17.0	20.0	21.5	24.3	19.5	17.5	19.0	0.7 / -1.0	25.3	17.7	20.7	22.2	25.0	20.2	18.2	19.7
	HSPA+	24.6	17.0	20.0	21.5	24.3	19.5	17.5	19.0	0.7 / -1.0	25.3	17.7	20.7	22.2	25.0	20.2	18.2	19.7
W-CDMA Band 4	R99	23.0	16.7	19.8	20.0	24.1	20.3	19.3	20.4	0.7 / -1.0	23.7	17.4	20.5	20.7	24.8	21.0	20.0	21.1
	HSDPA	23.0	16.7	19.8	20.0	24.1	20.3	19.3	20.4	0.7 / -1.0	23.7	17.4	20.5	20.7	24.8	21.0	20.0	21.1
	HSUPA	23.0	16.7	19.8	20.0	24.1	20.3	19.3	20.4	0.7 / -1.0	23.7	17.4	20.5	20.7	24.8	21.0	20.0	21.1
	DC-HSDPA	23.0	16.7	19.8	20.0	24.1	20.3	19.3	20.4	0.7 / -1.0	23.7	17.4	20.5	20.7	24.8	21.0	20.0	21.1
	HSPA+	23.0	16.7	19.8	20.0	24.1	20.3	19.3	20.4	0.7 / -1.0	23.7	17.4	20.5	20.7	24.8	21.0	20.0	21.1
W-CDMA Band 5	R99	25.0	25.0	22.4	24.0					0.7 / -1.0	25.7	25.7	23.1	24.7				
	HSDPA	25.0	25.0	22.4	24.0					0.7 / -1.0	25.7	25.7	23.1	24.7				
	HSUPA	25.0	25.0	22.4	24.0					0.7 / -1.0	25.7	25.7	23.1	24.7				
	DC-HSDPA	25.0	25.0	22.4	24.0					0.7 / -1.0	25.7	25.7	23.1	24.7				
	HSPA+	25.0	25.0	22.4	24.0					0.7 / -1.0	25.7	25.7	23.1	24.7				

W-CDMA Band 2 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	25.0	N/A	25.3	17.3	N/A	17.7
		9400	1880.0	25.1			17.4		
		9538	1907.6	25.0			17.3		
HSDPA	Subtest 1	9262	1852.4	24.1	0	25.3	16.9	0	17.7
		9400	1880.0	24.1			16.8		
		9538	1907.6	24.0			16.8		
	Subtest 2	9262	1852.4	24.1	0	25.3	16.9	0	17.7
		9400	1880.0	24.0			16.8		
		9538	1907.6	24.0			16.8		
	Subtest 3	9262	1852.4	23.6	0.5	24.8	16.4	0.5	17.2
		9400	1880.0	23.6			16.4		
		9538	1907.6	23.4			16.2		
	Subtest 4	9262	1852.4	23.6	0.5	24.8	16.4	0.5	17.2
		9400	1880.0	23.6			16.4		
		9538	1907.6	23.5			16.3		
HSUPA	Subtest 1	9262	1852.4	24.1	0	25.3	16.9	0	17.7
		9400	1880.0	24.1			16.9		
		9538	1907.6	24.0			16.8		
	Subtest 2	9262	1852.4	22.1	2	23.3	15.0	2	15.7
		9400	1880.0	22.1			14.9		
		9538	1907.6	22.0			14.8		
	Subtest 3	9262	1852.4	23.1	1	24.3	16.1	1	16.7
		9400	1880.0	23.1			16.1		
		9538	1907.6	23.0			16.0		
	Subtest 4	9262	1852.4	22.1	2	23.3	15.1	2	15.7
		9400	1880.0	22.1			15.0		
		9538	1907.6	22.1			15.0		
	Subtest 5	9262	1852.4	23.7	0	25.3	16.7	0	17.7
		9400	1880.0	23.7			16.7		
		9538	1907.6	23.6			16.5		
DC-HSDPA	Subtest 1	9262	1852.4	24.1	0	25.3	17.0	0	17.7
		9400	1880.0	24.1			17.2		
		9538	1907.6	24.1			17.2		
	Subtest 2	9262	1852.4	24.1	0	25.3	17.1	0	17.7
		9400	1880.0	24.1			17.2		
		9538	1907.6	24.0			17.2		
	Subtest 3	9262	1852.4	23.6	0.5	24.8	16.8	0.5	17.2
		9400	1880.0	23.6			16.7		
		9538	1907.6	23.6			16.7		
	Subtest 4	9262	1852.4	23.6	0.5	24.8	16.8	0.5	17.2
		9400	1880.0	23.6			16.7		
		9538	1907.6	23.5			16.7		
HSPA+	Subtest 1	9262	1852.4	21.8	2.5	22.8	14.7	2.5	15.2
		9400	1880.0	21.8			14.6		
		9538	1907.6	21.8			14.6		

W-CDMA Band 2 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	20.4	N/A	20.7	21.8	N/A	22.2
		9400	1880.0	20.5			21.8		
		9538	1907.6	20.4			21.8		
HSDPA	Subtest 1	9262	1852.4	18.9	0	20.7	20.3	0	22.2
		9400	1880.0	19.0			20.2		
		9538	1907.6	19.1			20.3		
	Subtest 2	9262	1852.4	18.9	0	20.7	20.4	0	22.2
		9400	1880.0	19.0			20.5		
		9538	1907.6	19.1			20.3		
	Subtest 3	9262	1852.4	18.9	0.5	20.2	20.3	0.5	21.7
		9400	1880.0	19.0			20.3		
		9538	1907.6	19.1			20.3		
	Subtest 4	9262	1852.4	18.9	0.5	20.2	20.2	0.5	21.7
		9400	1880.0	19.0			20.3		
		9538	1907.6	19.1			20.1		
HSUPA	Subtest 1	9262	1852.4	19.4	0	20.7	20.9	0	22.2
		9400	1880.0	19.5			21.1		
		9538	1907.6	19.6			21.1		
	Subtest 2	9262	1852.4	17.5	2	18.7	19.0	2	20.2
		9400	1880.0	17.5			19.1		
		9538	1907.6	17.6			19.1		
	Subtest 3	9262	1852.4	18.5	1	19.7	19.9	1	21.2
		9400	1880.0	18.5			20.1		
		9538	1907.6	18.7			20.2		
	Subtest 4	9262	1852.4	17.4	2	18.7	18.9	2	20.2
		9400	1880.0	17.5			19.1		
		9538	1907.6	17.6			19.1		
	Subtest 5	9262	1852.4	19.4	0	20.7	20.9	0	22.2
		9400	1880.0	19.5			21.1		
		9538	1907.6	19.6			21.2		
DC-HSDPA	Subtest 1	9262	1852.4	19.4	0	20.7	21.0	0	22.2
		9400	1880.0	19.6			21.1		
		9538	1907.6	19.6			21.1		
	Subtest 2	9262	1852.4	19.4	0	20.7	21.0	0	22.2
		9400	1880.0	19.5			21.1		
		9538	1907.6	19.6			21.1		
	Subtest 3	9262	1852.4	18.9	0.5	20.2	21.0	0.5	21.7
		9400	1880.0	19.0			21.1		
		9538	1907.6	19.1			21.1		
	Subtest 4	9262	1852.4	18.9	0.5	20.2	21.0	0.5	21.7
		9400	1880.0	19.0			21.1		
		9538	1907.6	19.1			21.1		
HSPA+	Subtest 1	9262	1852.4	17.2	2.5	18.2	19.0	2.5	19.7
		9400	1880.0	17.3			19.1		
		9538	1907.6	17.4			19.2		

W-CDMA Band 2 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	24.5	N/A	25.0	19.7	N/A	20.2
		9400	1880.0	24.5			19.7		
		9538	1907.6	24.4			19.6		
HSDPA	Subtest 1	9262	1852.4	23.5	0	25.0	18.7	0	20.2
		9400	1880.0	23.6			18.6		
		9538	1907.6	23.6			18.7		
	Subtest 2	9262	1852.4	23.6	0	25.0	18.7	0	20.2
		9400	1880.0	23.6			18.6		
		9538	1907.6	23.6			18.6		
	Subtest 3	9262	1852.4	23.6	0.5	24.5	18.7	0.5	19.7
		9400	1880.0	23.6			18.6		
		9538	1907.6	23.6			18.6		
	Subtest 4	9262	1852.4	23.6	0.5	24.5	18.7	0.5	19.7
		9400	1880.0	23.6			18.6		
		9538	1907.6	23.6			18.6		
HSUPA	Subtest 1	9262	1852.4	24.1	0	25.0	19.2	0	20.2
		9400	1880.0	24.1			19.1		
		9538	1907.6	24.2			19.1		
	Subtest 2	9262	1852.4	22.2	2	23.0	17.3	2	18.2
		9400	1880.0	22.1			17.1		
		9538	1907.6	22.1			17.2		
	Subtest 3	9262	1852.4	23.1	1	24.0	18.2	1	19.2
		9400	1880.0	23.1			18.1		
		9538	1907.6	23.1			18.2		
	Subtest 4	9262	1852.4	22.2	2	23.0	17.1	2	18.2
		9400	1880.0	22.0			17.1		
		9538	1907.6	22.1			17.1		
	Subtest 5	9262	1852.4	24.1	0	25.0	19.2	0	20.2
		9400	1880.0	24.1			19.2		
		9538	1907.6	24.1			19.1		
DC-HSDPA	Subtest 1	9262	1852.4	24.0	0	25.0	19.2	0	20.2
		9400	1880.0	23.9			19.1		
		9538	1907.6	23.9			19.1		
	Subtest 2	9262	1852.4	24.0	0	25.0	19.2	0	20.2
		9400	1880.0	23.9			19.1		
		9538	1907.6	24.0			19.1		
	Subtest 3	9262	1852.4	23.5	0.5	24.5	18.7	0.5	19.7
		9400	1880.0	23.4			18.6		
		9538	1907.6	23.4			18.6		
	Subtest 4	9262	1852.4	23.4	0.5	24.5	18.7	0.5	19.7
		9400	1880.0	23.4			18.6		
		9538	1907.6	23.4			18.6		
HSPA+	Subtest 1	9262	1852.4	21.9	2.5	22.5	16.9	2.5	17.7
		9400	1880.0	21.8			16.8		
		9538	1907.6	21.9			16.9		

W-CDMA Band 2 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	17.8	N/A	18.2	19.4	N/A	19.7
		9400	1880.0	18.0			19.5		
		9538	1907.6	18.0			19.5		
HSDPA	Subtest 1	9262	1852.4	17.3	0	18.2	18.8	0	19.7
		9400	1880.0	17.4			18.9		
		9538	1907.6	17.3			18.7		
	Subtest 2	9262	1852.4	17.3	0	18.2	18.8	0	19.7
		9400	1880.0	17.4			18.9		
		9538	1907.6	17.2			18.7		
	Subtest 3	9262	1852.4	17.3	0.5	17.7	18.8	0.5	19.2
		9400	1880.0	17.4			18.9		
		9538	1907.6	17.2			18.7		
	Subtest 4	9262	1852.4	17.4	0.5	17.7	18.8	0.5	19.2
		9400	1880.0	17.4			18.9		
		9538	1907.6	17.2			18.7		
HSUPA	Subtest 1	9262	1852.4	17.8	0	18.2	19.3	0	19.7
		9400	1880.0	17.9			19.4		
		9538	1907.6	17.7			19.2		
	Subtest 2	9262	1852.4	15.8	2	16.2	17.3	2	17.7
		9400	1880.0	15.9			17.4		
		9538	1907.6	15.8			17.3		
	Subtest 3	9262	1852.4	16.9	1	17.2	18.3	1	18.7
		9400	1880.0	16.9			18.4		
		9538	1907.6	16.7			18.2		
	Subtest 4	9262	1852.4	15.9	2	16.2	17.3	2	17.7
		9400	1880.0	16.0			17.5		
		9538	1907.6	15.7			17.3		
	Subtest 5	9262	1852.4	17.8	0	18.2	18.8	0	19.7
		9400	1880.0	18.0			18.9		
		9538	1907.6	17.8			18.7		
DC-HSDPA	Subtest 1	9262	1852.4	17.2	0	18.2	18.8	0	19.7
		9400	1880.0	17.4			18.9		
		9538	1907.6	17.3			18.8		
	Subtest 2	9262	1852.4	17.4	0	18.2	18.9	0	19.7
		9400	1880.0	17.4			18.8		
		9538	1907.6	17.3			18.7		
	Subtest 3	9262	1852.4	17.3	0.5	17.7	18.8	0.5	19.2
		9400	1880.0	17.4			18.9		
		9538	1907.6	17.3			18.7		
	Subtest 4	9262	1852.4	17.3	0.5	17.7	18.9	0.5	19.2
		9400	1880.0	17.4			18.9		
		9538	1907.6	17.3			18.7		
HSPA+	Subtest 1	9262	1852.4	15.4	2.5	15.7	16.9	2.5	17.2
		9400	1880.0	15.5			16.9		
		9538	1907.6	15.3			16.8		

W-CDMA Band 4 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	23.3	N/A	23.7	16.6	N/A	17.4
		1413	1732.6	23.4			16.6		
		1513	1752.6	23.4			16.5		
HSDPA	Subtest 1	1312	1712.4	22.5	0	23.7	16.1	0	17.4
		1413	1732.6	22.4			16.0		
		1513	1752.6	22.3			15.9		
	Subtest 2	1312	1712.4	22.4	0	23.7	16.2	0	17.4
		1413	1732.6	22.3			16.1		
		1513	1752.6	22.2			16.1		
	Subtest 3	1312	1712.4	21.8	0.5	23.2	15.7	0.5	16.9
		1413	1732.6	21.7			15.5		
		1513	1752.6	21.7			15.5		
	Subtest 4	1312	1712.4	21.8	0.5	23.2	15.6	0.5	16.9
		1413	1732.6	21.7			15.6		
		1513	1752.6	21.7			15.5		
HSUPA	Subtest 1	1312	1712.4	22.3	0	23.7	16.1	0	17.4
		1413	1732.6	22.2			16.1		
		1513	1752.6	22.2			16.0		
	Subtest 2	1312	1712.4	20.5	2	21.7	14.2	2	15.4
		1413	1732.6	20.4			14.1		
		1513	1752.6	20.4			14.0		
	Subtest 3	1312	1712.4	21.5	1	22.7	15.2	1	16.4
		1413	1732.6	21.4			15.1		
		1513	1752.6	21.4			15.0		
	Subtest 4	1312	1712.4	21.5	2	21.7	14.2	2	15.4
		1413	1732.6	21.4			14.1		
		1513	1752.6	21.3			14.0		
	Subtest 5	1312	1712.4	23.4	0	23.7	15.8	0	17.4
		1413	1732.6	23.3			15.7		
		1513	1752.6	23.3			15.6		
DC-HSDPA	Subtest 1	1312	1712.4	22.5	0	23.7	16.2	0	17.4
		1413	1732.6	22.4			16.1		
		1513	1752.6	22.4			16.1		
	Subtest 2	1312	1712.4	22.6	0	23.7	16.2	0	17.4
		1413	1732.6	22.5			16.1		
		1513	1752.6	22.4			16.1		
	Subtest 3	1312	1712.4	22.0	0.5	23.2	15.7	0.5	16.9
		1413	1732.6	21.9			15.6		
		1513	1752.6	21.9			15.6		
	Subtest 4	1312	1712.4	22.1	0.5	23.2	15.7	0.5	16.9
		1413	1732.6	21.9			15.6		
		1513	1752.6	21.9			15.6		
HSPA+	Subtest 1	1312	1712.4	20.2	2.5	21.2	13.9	2.5	14.9
		1413	1732.6	20.1			13.8		
		1513	1752.6	20.1			13.8		

W-CDMA Band 4 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	20.2	N/A	20.5	20.2	N/A	20.7
		1413	1732.6	20.2			20.2		
		1513	1752.6	20.2			20.2		
HSDPA	Subtest 1	1312	1712.4	18.8	0	20.5	19.5	0	20.7
		1413	1732.6	18.9			19.5		
		1513	1752.6	18.8			19.3		
	Subtest 2	1312	1712.4	18.9	0	20.5	19.5	0	20.7
		1413	1732.6	18.9			19.5		
		1513	1752.6	18.8			19.3		
	Subtest 3	1312	1712.4	18.7	0.5	20.0	19.0	0.5	20.2
		1413	1732.6	18.9			19.0		
		1513	1752.6	18.9			18.8		
	Subtest 4	1312	1712.4	18.7	0.5	20.0	19.0	0.5	20.2
		1413	1732.6	18.8			19.0		
		1513	1752.6	18.9			18.8		
HSUPA	Subtest 1	1312	1712.4	19.5	0	20.5	19.5	0	20.7
		1413	1732.6	19.5			19.5		
		1513	1752.6	19.4			19.3		
	Subtest 2	1312	1712.4	17.5	2	18.5	17.5	2	18.7
		1413	1732.6	17.4			17.6		
		1513	1752.6	17.4			17.3		
	Subtest 3	1312	1712.4	18.5	1	19.5	19.2	1	19.7
		1413	1732.6	18.4			19.3		
		1513	1752.6	18.4			19.0		
	Subtest 4	1312	1712.4	17.5	2	18.5	18.2	2	18.7
		1413	1732.6	17.5			18.3		
		1513	1752.6	17.4			18.0		
	Subtest 5	1312	1712.4	19.5	0	20.5	19.8	0	20.7
		1413	1732.6	19.5			19.9		
		1513	1752.6	19.4			19.6		
DC-HSDPA	Subtest 1	1312	1712.4	19.4	0	20.5	20.3	0	20.7
		1413	1732.6	19.3			20.3		
		1513	1752.6	19.2			20.0		
	Subtest 2	1312	1712.4	19.4	0	20.5	20.3	0	20.7
		1413	1732.6	19.2			19.6		
		1513	1752.6	19.2			19.3		
	Subtest 3	1312	1712.4	19.4	0.5	20.0	19.1	0.5	20.2
		1413	1732.6	19.2			19.1		
		1513	1752.6	19.2			18.8		
	Subtest 4	1312	1712.4	19.3	0.5	20.0	19.1	0.5	20.2
		1413	1732.6	19.3			19.1		
		1513	1752.6	19.2			18.8		
HSPA+	Subtest 1	1312	1712.4	17.3	2.5	18.0	17.3	2.5	18.2
		1413	1732.6	17.2			17.3		
		1513	1752.6	17.2			17.1		

W-CDMA Band 4 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	24.5	N/A	24.8	20.5	N/A	21.0
		1413	1732.6	24.5			20.5		
		1513	1752.6	24.5			20.5		
HSDPA	Subtest 1	1312	1712.4	24.3	0	24.8	20.1	0	21.0
		1413	1732.6	24.2			20.0		
		1513	1752.6	24.1			19.9		
	Subtest 2	1312	1712.4	24.3	0	24.8	20.1	0	21.0
		1413	1732.6	24.2			20.0		
		1513	1752.6	24.1			19.9		
	Subtest 3	1312	1712.4	23.8	0.5	24.3	19.5	0.5	20.5
		1413	1732.6	23.7			19.5		
		1513	1752.6	23.6			19.4		
	Subtest 4	1312	1712.4	23.8	0.5	24.3	19.6	0.5	20.5
		1413	1732.6	23.7			19.5		
		1513	1752.6	23.6			19.4		
HSUPA	Subtest 1	1312	1712.4	24.3	0	24.8	20.1	0	21.0
		1413	1732.6	24.2			20.0		
		1513	1752.6	24.1			19.9		
	Subtest 2	1312	1712.4	22.3	2	22.8	18.1	2	19.0
		1413	1732.6	22.2			18.0		
		1513	1752.6	22.1			17.9		
	Subtest 3	1312	1712.4	23.3	1	23.8	19.1	1	20.0
		1413	1732.6	23.2			19.0		
		1513	1752.6	23.1			18.9		
	Subtest 4	1312	1712.4	22.3	2	22.8	18.1	2	19.0
		1413	1732.6	22.2			18.0		
		1513	1752.6	22.1			17.9		
	Subtest 5	1312	1712.4	23.9	0	24.8	19.7	0	21.0
		1413	1732.6	23.8			19.6		
		1513	1752.6	23.7			19.5		
DC-HSDPA	Subtest 1	1312	1712.4	24.3	0	24.8	20.1	0	21.0
		1413	1732.6	24.3			20.0		
		1513	1752.6	24.3			19.9		
	Subtest 2	1312	1712.4	24.3	0	24.8	20.1	0	21.0
		1413	1732.6	24.3			20.0		
		1513	1752.6	24.3			19.8		
	Subtest 3	1312	1712.4	23.8	0.5	24.3	19.6	0.5	20.5
		1413	1732.6	23.8			19.5		
		1513	1752.6	23.8			19.4		
	Subtest 4	1312	1712.4	23.8	0.5	24.3	19.5	0.5	20.5
		1413	1732.6	23.8			19.5		
		1513	1752.6	23.8			19.4		
HSPA+	Subtest 1	1312	1712.4	22.1	2.5	22.3	17.8	2.5	18.5
		1413	1732.6	21.9			17.8		
		1513	1752.6	21.8			17.7		

W-CDMA Band 4 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	19.6	N/A	20.0	20.6	N/A	21.1
		1413	1732.6	19.6			20.7		
		1513	1752.6	19.6			20.7		
HSDPA	Subtest 1	1312	1712.4	18.6	0	20.0	19.9	0	21.1
		1413	1732.6	18.7			19.9		
		1513	1752.6	18.5			19.9		
	Subtest 2	1312	1712.4	18.6	0	20.0	19.9	0	21.1
		1413	1732.6	18.6			19.9		
		1513	1752.6	18.5			19.9		
	Subtest 3	1312	1712.4	18.6	0.5	19.5	19.3	0.5	20.6
		1413	1732.6	18.6			19.4		
		1513	1752.6	18.5			19.4		
	Subtest 4	1312	1712.4	18.5	0.5	19.5	19.3	0.5	20.6
		1413	1732.6	18.6			19.4		
		1513	1752.6	18.5			19.4		
HSUPA	Subtest 1	1312	1712.4	19.1	0	20.0	19.8	0	21.1
		1413	1732.6	19.1			19.9		
		1513	1752.6	19.0			19.9		
	Subtest 2	1312	1712.4	17.0	2	18.0	17.8	2	19.1
		1413	1732.6	17.1			17.9		
		1513	1752.6	17.0			17.9		
	Subtest 3	1312	1712.4	18.0	1	19.0	19.7	1	20.1
		1413	1732.6	18.1			19.8		
		1513	1752.6	18.1			19.7		
	Subtest 4	1312	1712.4	17.1	2	18.0	18.7	2	19.1
		1413	1732.6	17.1			18.8		
		1513	1752.6	17.0			18.7		
	Subtest 5	1312	1712.4	19.0	0	20.0	19.9	0	21.1
		1413	1732.6	19.1			19.9		
		1513	1752.6	19.1			19.9		
DC-HSDPA	Subtest 1	1312	1712.4	18.6	0	20.0	19.7	0	21.1
		1413	1732.6	18.6			19.9		
		1513	1752.6	18.5			19.9		
	Subtest 2	1312	1712.4	18.6	0	20.0	19.6	0	21.1
		1413	1732.6	18.6			19.7		
		1513	1752.6	18.5			19.7		
	Subtest 3	1312	1712.4	18.6	0.5	19.5	19.2	0.5	20.6
		1413	1732.6	18.6			19.2		
		1513	1752.6	18.5			19.2		
	Subtest 4	1312	1712.4	18.6	0.5	19.5	19.2	0.5	20.6
		1413	1732.6	18.6			19.2		
		1513	1752.6	18.5			19.2		
HSPA+	Subtest 1	1312	1712.4	16.5	2.5	17.5	17.3	2.5	18.6
		1413	1732.6	16.6			17.4		
		1513	1752.6	16.5			17.4		

W-CDMA Band 5 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	25.0	N/A	25.7	25.0	N/A	25.7
		4183	836.6	25.2			25.2		
		4233	846.6	25.1			25.1		
HSDPA	Subtest 1	4132	826.4	24.0	0	25.7	24.0	0	25.7
		4183	836.6	24.2			24.2		
		4233	846.6	24.1			24.1		
	Subtest 2	4132	826.4	24.0	0	25.7	24.0	0	25.7
		4183	836.6	24.2			24.2		
		4233	846.6	24.1			24.1		
	Subtest 3	4132	826.4	23.4	0.5	25.2	23.4	0.5	25.2
		4183	836.6	23.7			23.7		
		4233	846.6	23.6			23.6		
	Subtest 4	4132	826.4	23.5	0.5	25.2	23.5	0.5	25.2
		4183	836.6	23.7			23.7		
		4233	846.6	23.6			23.6		
HSUPA	Subtest 1	4132	826.4	24.0	0	25.7	24.0	0	25.7
		4183	836.6	24.2			24.2		
		4233	846.6	24.1			24.1		
	Subtest 2	4132	826.4	22.0	2	23.7	22.0	2	23.7
		4183	836.6	22.2			22.2		
		4233	846.6	22.0			22.0		
	Subtest 3	4132	826.4	22.9	1	24.7	22.9	1	24.7
		4183	836.6	23.2			23.2		
		4233	846.6	23.1			23.1		
	Subtest 4	4132	826.4	22.0	2	23.7	22.0	2	23.7
		4183	836.6	22.2			22.2		
		4233	846.6	22.1			22.1		
	Subtest 5	4132	826.4	23.8	0	25.7	23.8	0	25.7
		4183	836.6	23.8			23.8		
		4233	846.6	23.8			23.8		
DC-HSDPA	Subtest 1	4132	826.4	24.0	0	25.7	24.0	0	25.7
		4183	836.6	24.2			24.2		
		4233	846.6	24.0			24.0		
	Subtest 2	4132	826.4	24.0	0	25.7	24.0	0	25.7
		4183	836.6	24.2			24.2		
		4233	846.6	24.1			24.1		
	Subtest 3	4132	826.4	23.5	0.5	25.2	23.5	0.5	25.2
		4183	836.6	23.7			23.7		
		4233	846.6	23.5			23.5		
	Subtest 4	4132	826.4	23.5	0.5	25.2	23.5	0.5	25.2
		4183	836.6	23.7			23.7		
		4233	846.6	23.5			23.5		
HSPA+	Subtest 1	4132	826.4	21.7	2.5	23.2	21.7	2.5	23.2
		4183	836.6	21.9			21.9		
		4233	846.6	21.8			21.8		

W-CDMA Band 5 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	22.7	N/A	23.1	24.1	N/A	24.7
		4183	836.6	22.7			24.1		
		4233	846.6	22.7			24.1		
HSDPA	Subtest 1	4132	826.4	21.8	0	23.1	23.2	0	24.7
		4183	836.6	21.8			23.1		
		4233	846.6	21.8			23.1		
	Subtest 2	4132	826.4	21.8	0	23.1	23.1	0	24.7
		4183	836.6	21.8			23.1		
		4233	846.6	21.8			23.1		
	Subtest 3	4132	826.4	21.3	0.5	22.6	22.6	0.5	24.2
		4183	836.6	21.3			22.6		
		4233	846.6	21.3			22.6		
	Subtest 4	4132	826.4	21.3	0.5	22.6	22.6	0.5	24.2
		4183	836.6	21.3			22.6		
		4233	846.6	21.3			22.6		
HSUPA	Subtest 1	4132	826.4	21.8	0	23.1	23.1	0	24.7
		4183	836.6	21.9			23.1		
		4233	846.6	21.8			23.1		
	Subtest 2	4132	826.4	19.8	2	21.1	21.1	2	22.7
		4183	836.6	19.9			21.2		
		4233	846.6	19.8			21.1		
	Subtest 3	4132	826.4	20.8	1	22.1	22.1	1	23.7
		4183	836.6	20.9			22.2		
		4233	846.6	20.8			22.1		
	Subtest 4	4132	826.4	19.8	2	21.1	21.1	2	22.7
		4183	836.6	19.9			21.2		
		4233	846.6	19.8			21.1		
	Subtest 5	4132	826.4	21.4	0	23.1	22.7	0	24.7
		4183	836.6	21.4			22.7		
		4233	846.6	21.4			22.7		
DC-HSDPA	Subtest 1	4132	826.4	21.8	0	23.1	23.2	0	24.7
		4183	836.6	21.8			23.1		
		4233	846.6	21.8			23.1		
	Subtest 2	4132	826.4	21.8	0	23.1	23.2	0	24.7
		4183	836.6	21.8			23.1		
		4233	846.6	21.8			23.1		
	Subtest 3	4132	826.4	21.4	0.5	22.6	22.6	0.5	24.2
		4183	836.6	21.3			22.6		
		4233	846.6	21.3			22.6		
	Subtest 4	4132	826.4	21.3	0.5	22.6	22.7	0.5	24.2
		4183	836.6	21.3			22.6		
		4233	846.6	21.3			22.6		
HSPA+	Subtest 1	4132	826.4	19.6	2.5	20.6	20.9	2.5	22.2
		4183	836.6	19.6			20.9		
		4233	846.6	19.5			20.9		

9.3. LTE

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification.

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

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

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

The allowed A-MPR values specified below in Table 6.2.4.-1 of 3GPP TS36.101 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of “NS_01”.

Table 6.2.4-1: Additional Maximum Power Reduction (A-MPR)

Network Signalling value	Requirements (subclause)	E-UTRA Band	Channel bandwidth (MHz)	Resources Blocks (N_{RB})	A-MPR (dB)
NS_01	6.6.2.1.1	Table 5.5-1	1.4, 3, 5, 10, 15, 20	Table 5.6-1	N/A

Output Power for LTE

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

a) The maximum output power, including tolerance, for the smaller band must be ≤ the larger band to qualify for the 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 2 (1850-1910 MHz) is covered by LTE Band 25 (1850-1915 MHz)
- LTE Band 4 (1710-1755 MHz) is covered by LTE Band 66 (1710-1780 MHz)
- LTE Band 17 (704-716 MHz) is covered by LTE Band 12 (699-716 MHz)

Maximum bandwidth does not support at least three non-overlapping channels in certain channel bandwidths. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing per KDB 941225 D05 SAR for LTE Devices.

LTE QPSK configuration has the highest maximum average output power per 3GPP standard.

SAR measurement is not required for the 16QAM and 64QAM. When the highest maximum output power for 16QAM and 64QAM is ≤ ½ dB higher than the QPSK or when the reported SAR for the QPSK configuration is ≤ 1.45 W/kg.

Please refer to section 6.3. for LTE detail test channels.

RF Air interface	Mode	Target Output Power (dBm)								Tolerance	Maximum Output Power (Tune-up Limit) (dBm)							
		ANT1		ANT2		ANT3		ANT4			ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
LTE Band 2	QPSK	24.6	17.0	20.0	21.5	24.3	19.5	17.5	19.0	0.7 / -1.0	25.3	17.7	20.7	22.2	25.0	20.2	18.2	19.7
LTE Band 4	QPSK	23.0	16.7	19.8	20.0	24.1	20.3	19.3	20.4	0.7 / -1.0	23.7	17.4	20.5	20.7	24.8	21.0	20.0	21.1
LTE Band 5	QPSK	25.0	25.0	22.4	24.0					0.7 / -1.0	25.7	25.7	23.1	24.7				
LTE Band 7	QPSK	25.0	19.6	16.2	17.6	22.9	18.7	16.7	18.8	0.7 / -1.0	25.7	20.3	16.9	18.3	23.6	19.4	17.4	19.5
LTE Band 12	QPSK	25.0	25.0	22.7	24.0					0.7 / -1.0	25.7	25.7	23.4	24.7				
LTE Band 13	QPSK	25.0	25.0	23.1	24.0					0.7 / -1.0	25.7	25.7	23.8	24.7				
LTE Band 14	QPSK	25.0	25.0	23.1	24.0					0.7 / -1.0	25.7	25.7	23.8	24.7				
LTE Band 17	QPSK	25.0	25.0	22.7	24.0					0.7 / -1.0	25.7	25.7	23.4	24.7				
LTE Band 25	QPSK	24.6	17.0	20.0	21.5	24.3	19.5	17.5	19.0	0.7 / -1.0	25.3	17.7	20.7	22.2	25.0	20.2	18.2	19.7
LTE Band 26	QPSK	25.0	25.0	22.4	24.0					0.7 / -1.0	25.7	25.7	23.1	24.7				
LTE Band 30	QPSK	25.0	21.1	18.3	19.8	22.4	19.8	17.3	17.4	0.7 / -1.0	25.7	21.8	19.0	20.5	23.1	20.5	18.0	18.1
LTE Band 41 (PC3)	QPSK	25.0	21.6	18.0	19.1	24.7	20.1	19.0	20.3	0.7 / -1.0	25.7	22.3	18.7	19.8	25.4	20.8	19.7	21.0
LTE Band 41 (PC 2)	QPSK	28.0	23.2	19.6	20.7	26.3	21.7	20.6	21.9	0.7 / -1.0	28.7	23.9	20.3	21.4	27.0	22.4	21.3	22.6
LTE Band 53	QPSK	20.0	20.0	16.9	18.8					0.7 / -1.0	20.7	20.7	17.6	19.5				
LTE Band 66	QPSK	23.0	16.7	19.8	20.0	24.1	20.3	19.3	20.4	0.7 / -1.0	23.7	17.4	20.5	20.7	24.8	21.0	20.0	21.1
LTE Band 71	QPSK	25.0	25.0	24.0	24.0					0.7 / -1.0	25.7	25.7	24.7	24.7				
RF Air interface	Mode	Target Output Power (dBm)								Tolerance	Maximum Output Power (Tune-up Limit) (dBm)							
		ANT7		ANT8		ANT9		ANT4			ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
LTE Band 48	QPSK	25.0	21.5	24.0	18.3	20.7	18.7	19.5	21.0	1.0 / -1.0	26.0	22.5	25.0	19.3	21.7	19.7	20.5	22.0

LTE Band 5 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)				
				[redacted]	20525	[redacted]	MPR	Tune-up Limit	[redacted]	20525	[redacted]	MPR	Tune-up Limit
					836.5 MHz					836.5 MHz			
10 MHz	QPSK	1	0		25.3		0	25.7		25.3		0	25.7
		1	25		25.4		0	25.7		25.4		0	25.7
		1	49		25.3		0	25.7		25.3		0	25.7
		25	0		24.3		1	24.7		24.3		1	24.7
		25	12		24.4		1	24.7		24.4		1	24.7
		25	25		24.4		1	24.7		24.4		1	24.7
		50	0		24.4		1	24.7		24.4		1	24.7
	16QAM	1	0		24.3		1	24.7		24.3		1	24.7
		1	25		24.3		1	24.7		24.3		1	24.7
		1	49		24.3		1	24.7		24.3		1	24.7
		25	0		23.0		2	23.7		23.0		2	23.7
		25	12		23.1		2	23.7		23.1		2	23.7
		25	25		23.0		2	23.7		23.0		2	23.7
		50	0		23.0		2	23.7		23.0		2	23.7
	64QAM	1	0		23.2		2	23.7		23.2		2	23.7
		1	25		23.3		2	23.7		23.3		2	23.7
		1	49		23.2		2	23.7		23.2		2	23.7
		25	0		22.0		3	22.7		22.0		3	22.7
		25	12		22.1		3	22.7		22.1		3	22.7
		25	25		22.1		3	22.7		22.1		3	22.7
		50	0		22.1		3	22.7		22.1		3	22.7
	256QAM	1	0		20.0		5	20.7		20.0		5	20.7
		1	25		20.2		5	20.7		20.2		5	20.7
		1	49		20.2		5	20.7		20.2		5	20.7
		25	0		20.0		5	20.7		20.0		5	20.7
		25	12		20.1		5	20.7		20.1		5	20.7
		25	25		20.1		5	20.7		20.1		5	20.7
		50	0		20.1		5	20.7		20.1		5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20425	20525	20625	MPR	Tune-up Limit	20425	20525	20625	MPR	Tune-up Limit
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5 MHz	QPSK	1	0	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
		1	12	25.3	25.4	25.4	0	25.7	25.3	25.4	25.4	0	25.7
		1	24	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
		12	0	24.2	24.3	24.3	1	24.7	24.2	24.3	24.3	1	24.7
		12	7	24.3	24.4	24.4	1	24.7	24.3	24.4	24.4	1	24.7
		12	13	24.2	24.3	24.3	1	24.7	24.2	24.3	24.3	1	24.7
		25	0	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
	16QAM	1	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		1	12	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		1	24	24.3	24.4	24.3	1	24.7	24.3	24.4	24.3	1	24.7
		12	0	22.9	23.0	23.0	2	23.7	22.9	23.0	23.0	2	23.7
		12	7	23.0	23.1	23.1	2	23.7	23.0	23.1	23.1	2	23.7
		12	13	22.9	23.0	23.1	2	23.7	22.9	23.0	23.1	2	23.7
		25	0	23.0	23.0	23.0	2	23.7	23.0	23.0	23.0	2	23.7
	64QAM	1	0	23.0	23.2	23.2	2	23.7	23.0	23.2	23.2	2	23.7
		1	12	23.1	23.3	23.2	2	23.7	23.1	23.3	23.2	2	23.7
		1	24	23.1	23.3	23.1	2	23.7	23.1	23.3	23.1	2	23.7
		12	0	21.8	22.1	22.1	3	22.7	21.8	22.1	22.1	3	22.7
		12	7	21.9	22.2	22.2	3	22.7	21.9	22.2	22.2	3	22.7
		12	13	21.9	22.1	22.1	3	22.7	21.9	22.1	22.1	3	22.7
		25	0	21.9	22.0	22.2	3	22.7	21.9	22.0	22.2	3	22.7
	256QAM	1	0	20.0	20.1	20.3	5	20.7	20.0	20.1	20.3	5	20.7
		1	12	20.0	20.2	20.3	5	20.7	20.0	20.2	20.3	5	20.7
		1	24	20.1	20.1	20.2	5	20.7	20.1	20.1	20.2	5	20.7
		12	0	19.8	20.1	20.1	5	20.7	19.8	20.1	20.1	5	20.7
		12	7	19.9	20.1	20.2	5	20.7	19.9	20.1	20.2	5	20.7
		12	13	19.9	20.1	20.1	5	20.7	19.9	20.1	20.1	5	20.7
		25	0	19.9	20.0	20.1	5	20.7	19.9	20.0	20.1	5	20.7

LTE Band 5 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				20415	20525	20635			20415	20525	20635		
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3 MHz	QPSK	1	0	25.2	25.3	25.3	0	25.7	25.2	25.3	25.3	0	25.7
		1	8	25.3	25.3	25.4	0	25.7	25.3	25.3	25.4	0	25.7
		1	14	25.2	25.3	25.3	0	25.7	25.2	25.3	25.3	0	25.7
		8	0	24.2	24.3	24.3	1	24.7	24.2	24.3	24.3	1	24.7
		8	4	24.3	24.4	24.3	1	24.7	24.3	24.4	24.3	1	24.7
		8	7	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
		15	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
	16QAM	1	0	24.1	24.3	24.3	1	24.7	24.1	24.3	24.3	1	24.7
		1	8	24.2	24.3	24.4	1	24.7	24.2	24.3	24.4	1	24.7
		1	14	24.1	24.3	24.3	1	24.7	24.1	24.3	24.3	1	24.7
		8	0	22.9	23.0	23.0	2	23.7	22.9	23.0	23.0	2	23.7
		8	4	23.0	23.1	23.0	2	23.7	23.0	23.1	23.0	2	23.7
		8	7	23.0	23.0	23.1	2	23.7	23.0	23.0	23.1	2	23.7
		15	0	23.0	23.0	23.0	2	23.7	23.0	23.0	23.0	2	23.7
	64QAM	1	0	23.0	23.2	23.3	2	23.7	23.0	23.2	23.3	2	23.7
		1	8	23.1	23.3	23.4	2	23.7	23.1	23.3	23.4	2	23.7
		1	14	23.0	23.2	23.4	2	23.7	23.0	23.2	23.4	2	23.7
		8	0	21.8	22.0	22.1	3	22.7	21.8	22.0	22.1	3	22.7
		8	4	21.9	22.1	22.2	3	22.7	21.9	22.1	22.2	3	22.7
		8	7	21.9	22.1	22.2	3	22.7	21.9	22.1	22.2	3	22.7
		15	0	21.9	22.1	22.1	3	22.7	21.9	22.1	22.1	3	22.7
	256QAM	1	0	19.8	20.1	20.1	5	20.7	19.8	20.1	20.1	5	20.7
		1	8	19.9	20.3	20.2	5	20.7	19.9	20.3	20.2	5	20.7
		1	14	19.9	20.1	20.2	5	20.7	19.9	20.1	20.2	5	20.7
		8	0	19.8	20.0	20.1	5	20.7	19.8	20.0	20.1	5	20.7
		8	4	19.9	20.1	20.2	5	20.7	19.9	20.1	20.2	5	20.7
		8	7	19.9	20.1	20.2	5	20.7	19.9	20.1	20.2	5	20.7
		15	0	19.9	20.1	20.2	5	20.7	19.9	20.1	20.2	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				20407	20525	20643			20407	20525	20643		
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4 MHz	QPSK	1	0	25.2	25.3	25.3	0	25.7	25.2	25.3	25.3	0	25.7
		1	3	25.2	25.4	25.4	0	25.7	25.2	25.4	25.4	0	25.7
		1	5	25.2	25.3	25.3	0	25.7	25.2	25.3	25.3	0	25.7
		3	0	25.2	25.3	25.3	0	25.7	25.2	25.3	25.3	0	25.7
		3	1	25.2	25.3	25.3	0	25.7	25.2	25.3	25.3	0	25.7
		3	3	25.2	25.3	25.3	0	25.7	25.2	25.3	25.3	0	25.7
		6	0	24.2	24.3	24.3	1	24.7	24.2	24.3	24.3	1	24.7
	16QAM	1	0	24.1	24.3	24.3	1	24.7	24.1	24.3	24.3	1	24.7
		1	3	24.0	24.3	24.3	1	24.7	24.0	24.3	24.3	1	24.7
		1	5	24.1	24.3	24.3	1	24.7	24.1	24.3	24.3	1	24.7
		3	0	24.0	24.1	24.2	1	24.7	24.0	24.1	24.2	1	24.7
		3	1	24.0	24.1	24.2	1	24.7	24.0	24.1	24.2	1	24.7
		3	3	24.0	24.1	24.2	1	24.7	24.0	24.1	24.2	1	24.7
		6	0	22.9	23.0	23.0	2	23.7	22.9	23.0	23.0	2	23.7
	64QAM	1	0	22.8	23.2	23.2	2	23.7	22.8	23.2	23.2	2	23.7
		1	3	22.9	23.3	23.2	2	23.7	22.9	23.3	23.2	2	23.7
		1	5	22.9	23.2	23.2	2	23.7	22.9	23.2	23.2	2	23.7
		3	0	22.9	23.1	23.2	2	23.7	22.9	23.1	23.2	2	23.7
		3	1	22.9	23.1	23.2	2	23.7	22.9	23.1	23.2	2	23.7
		3	3	22.9	23.1	23.2	2	23.7	22.9	23.1	23.2	2	23.7
		6	0	21.8	22.1	22.1	3	22.7	21.8	22.1	22.1	3	22.7
	256QAM	1	0	19.8	20.1	20.1	5	20.7	19.8	20.1	20.1	5	20.7
		1	3	19.9	20.2	20.2	5	20.7	19.9	20.2	20.2	5	20.7
		1	5	19.9	20.2	20.1	5	20.7	19.9	20.2	20.1	5	20.7
		3	0	19.7	20.0	20.1	5	20.7	19.7	20.0	20.1	5	20.7
		3	1	19.8	20.1	20.1	5	20.7	19.8	20.1	20.1	5	20.7
		3	3	19.8	20.1	20.1	5	20.7	19.8	20.1	20.1	5	20.7
		6	0	19.8	20.1	20.2	5	20.7	19.8	20.1	20.2	5	20.7

LTE Band 5 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)				
				[redacted]	20525	[redacted]	MPR	Tune-up Limit	[redacted]	20525	[redacted]	MPR	Tune-up Limit
					836.5 MHz					836.5 MHz			
10 MHz	QPSK	1	0		22.3		0	23.1		24.0		0	24.7
		1	25		22.5		0	23.1		24.1		0	24.7
		1	49		22.4		0	23.1		23.9		0	24.7
		25	0		22.3		0	23.1		22.9		1	23.7
		25	12		22.6		0	23.1		23.2		1	23.7
		25	25		22.4		0	23.1		23.0		1	23.7
		50	0		22.6		0	23.1		23.1		1	23.7
	16QAM	1	0		22.6		0	23.1		23.1		1	23.7
		1	25		22.5		0	23.1		23.2		1	23.7
		1	49		22.6		0	23.1		23.1		1	23.7
		25	0		22.0		0.4	22.7		21.9		2	22.7
		25	12		22.0		0.4	22.7		22.0		2	22.7
		25	25		22.0		0.4	22.7		22.0		2	22.7
		50	0		22.0		0.4	22.7		22.0		2	22.7
	64QAM	1	0		22.3		0.4	22.7		22.1		2	22.7
		1	25		22.3		0.4	22.7		22.1		2	22.7
		1	49		22.3		0.4	22.7		22.1		2	22.7
		25	0		21.1		1.4	21.7		20.9		3	21.7
		25	12		21.2		1.4	21.7		21.0		3	21.7
		25	25		21.1		1.4	21.7		20.9		3	21.7
		50	0		21.2		1.4	21.7		21.0		3	21.7
	256QAM	1	0		19.2		3.4	19.7		19.0		5	19.7
		1	25		19.3		3.4	19.7		19.1		5	19.7
		1	49		19.3		3.4	19.7		19.1		5	19.7
		25	0		19.1		3.4	19.7		18.9		5	19.7
		25	12		19.2		3.4	19.7		19.0		5	19.7
		25	25		19.2		3.4	19.7		18.9		5	19.7
		50	0		19.1		3.4	19.7		18.9		5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20425	20525	20625	MPR	Tune-up Limit	20425	20525	20625	MPR	Tune-up Limit
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5 MHz	QPSK	1	0	22.4	22.3	22.3	0	23.1	23.9	24.0	24.0	0	24.7
		1	12	22.4	22.4	22.4	0	23.1	23.9	24.0	24.1	0	24.7
		1	24	22.3	22.4	22.3	0	23.1	23.9	23.9	24.0	0	24.7
		12	0	22.3	22.3	22.4	0	23.1	22.9	22.9	23.0	1	23.7
		12	7	22.4	22.4	22.5	0	23.1	23.0	23.0	23.1	1	23.7
		12	13	22.3	22.3	22.4	0	23.1	23.0	23.0	23.1	1	23.7
		25	0	22.4	22.4	22.5	0	23.1	23.0	23.0	23.0	1	23.7
	16QAM	1	0	22.6	22.5	22.6	0	23.1	23.2	23.1	23.2	1	23.7
		1	12	22.6	22.5	22.6	0	23.1	23.3	23.2	23.3	1	23.7
		1	24	22.6	22.5	22.6	0	23.1	23.2	23.1	23.2	1	23.7
		12	0	21.9	21.9	22.0	0.4	22.7	21.9	22.0	22.0	2	22.7
		12	7	22.0	22.0	22.1	0.4	22.7	22.0	22.0	22.1	2	22.7
		12	13	22.0	22.0	22.0	0.4	22.7	22.0	22.0	22.0	2	22.7
		25	0	22.0	22.0	22.1	0.4	22.7	22.0	22.0	22.1	2	22.7
	64QAM	1	0	22.3	22.3	22.4	0.4	22.7	22.1	22.1	22.1	2	22.7
		1	12	22.4	22.2	22.5	0.4	22.7	22.0	22.1	22.2	2	22.7
		1	24	22.3	22.2	22.4	0.4	22.7	22.1	22.2	22.1	2	22.7
		12	0	21.1	21.1	21.1	1.4	21.7	20.9	20.9	20.9	3	21.7
		12	7	21.2	21.2	21.2	1.4	21.7	21.0	21.0	21.0	3	21.7
		12	13	21.1	21.1	21.3	1.4	21.7	21.0	20.9	21.0	3	21.7
		25	0	21.2	21.2	21.2	1.4	21.7	21.0	20.9	21.0	3	21.7
	256QAM	1	0	19.2	19.1	19.3	3.4	19.7	19.1	19.0	19.2	5	19.7
		1	12	19.2	19.2	19.3	3.4	19.7	19.1	19.0	19.2	5	19.7
		1	24	19.3	19.2	19.3	3.4	19.7	19.0	19.0	19.2	5	19.7
		12	0	19.1	19.1	19.2	3.4	19.7	18.9	18.9	18.9	5	19.7
		12	7	19.2	19.2	19.2	3.4	19.7	19.0	18.9	19.0	5	19.7
		12	13	19.1	19.1	19.2	3.4	19.7	18.9	18.9	19.0	5	19.7
		25	0	19.1	19.1	19.2	3.4	19.7	19.0	18.9	19.0	5	19.7

LTE Band 5 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				20415	20525	20635			20415	20525	20635		
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3 MHz	QPSK	1	0	22.3	22.2	22.3	0	23.1	23.9	23.9	24.0	0	24.7
		1	8	22.4	22.3	22.4	0	23.1	24.0	23.9	24.1	0	24.7
		1	14	22.3	22.2	22.3	0	23.1	23.9	23.9	24.0	0	24.7
		8	0	22.4	22.3	22.3	0	23.1	23.0	23.0	23.0	1	23.7
		8	4	22.4	22.3	22.4	0	23.1	23.0	23.0	23.0	1	23.7
		8	7	22.4	22.4	22.4	0	23.1	23.0	23.0	23.1	1	23.7
		15	0	22.3	22.3	22.3	0	23.1	22.9	22.9	22.9	1	23.7
	16QAM	1	0	22.6	22.6	22.6	0	23.1	23.0	23.1	23.1	1	23.7
		1	8	22.6	22.6	22.6	0	23.1	23.1	23.2	23.1	1	23.7
		1	14	22.6	22.6	22.6	0	23.1	23.1	23.1	23.1	1	23.7
		8	0	22.0	22.0	22.1	0.4	22.7	22.0	22.0	22.1	2	22.7
		8	4	22.0	22.0	22.1	0.4	22.7	22.0	22.1	22.1	2	22.7
		8	7	22.0	22.0	22.1	0.4	22.7	22.0	22.0	22.2	2	22.7
		15	0	22.0	22.0	22.0	0.4	22.7	22.0	22.0	22.0	2	22.7
	64QAM	1	0	22.3	22.2	22.3	0.4	22.7	22.1	22.0	22.1	2	22.7
		1	8	22.3	22.3	22.4	0.4	22.7	22.2	22.0	22.2	2	22.7
		1	14	22.3	22.2	22.4	0.4	22.7	22.0	21.9	22.2	2	22.7
		8	0	21.2	21.1	21.1	1.4	21.7	21.0	20.8	20.9	3	21.7
		8	4	21.2	21.2	21.2	1.4	21.7	21.0	21.0	21.0	3	21.7
		8	7	21.2	21.1	21.3	1.4	21.7	21.0	20.9	21.1	3	21.7
		15	0	21.2	21.1	21.2	1.4	21.7	20.9	20.9	20.9	3	21.7
	256QAM	1	0	19.2	19.2	19.2	3.4	19.7	19.0	18.9	19.0	5	19.7
		1	8	19.3	19.3	19.5	3.4	19.7	19.1	19.0	19.2	5	19.7
		1	14	19.3	19.2	19.4	3.4	19.7	19.1	18.9	19.1	5	19.7
		8	0	19.1	19.1	19.1	3.4	19.7	18.9	18.8	18.9	5	19.7
		8	4	19.2	19.1	19.2	3.4	19.7	19.0	19.0	19.0	5	19.7
		8	7	19.2	19.1	19.2	3.4	19.7	19.0	18.9	19.0	5	19.7
		15	0	19.2	19.1	19.1	3.4	19.7	19.0	18.9	18.9	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				20407	20525	20643			20407	20525	20643		
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4 MHz	QPSK	1	0	22.3	22.3	22.4	0	23.1	23.9	23.9	24.0	0	24.7
		1	3	22.3	22.3	22.4	0	23.1	23.9	23.9	24.0	0	24.7
		1	5	22.3	22.3	22.4	0	23.1	23.9	23.9	24.0	0	24.7
		3	0	22.3	22.3	22.4	0	23.1	23.9	23.9	24.0	0	24.7
		3	1	22.3	22.3	22.4	0	23.1	23.9	23.9	24.0	0	24.7
		3	3	22.3	22.3	22.4	0	23.1	23.9	23.9	24.0	0	24.7
		6	0	22.3	22.3	22.4	0	23.1	22.9	22.9	23.0	1	23.7
	16QAM	1	0	22.6	22.5	22.6	0	23.1	23.0	23.0	23.0	1	23.7
		1	3	22.5	22.5	22.6	0	23.1	23.0	23.1	23.1	1	23.7
		1	5	22.6	22.5	22.7	0	23.1	23.1	23.0	23.0	1	23.7
		3	0	22.5	22.5	22.6	0	23.1	23.1	23.1	23.1	1	23.7
		3	1	22.5	22.5	22.6	0	23.1	23.1	23.1	23.2	1	23.7
		3	3	22.5	22.5	22.6	0	23.1	23.1	23.1	23.2	1	23.7
		6	0	22.0	21.9	22.0	0.4	22.7	22.0	21.9	22.1	2	22.7
	64QAM	1	0	22.1	22.3	22.3	0.4	22.7	22.3	22.0	22.2	2	22.7
		1	3	22.2	22.3	22.4	0.4	22.7	22.2	22.1	22.2	2	22.7
		1	5	22.2	22.2	22.4	0.4	22.7	22.0	22.1	22.2	2	22.7
		3	0	22.2	22.2	22.3	0.4	22.7	22.0	22.0	22.1	2	22.7
		3	1	22.2	22.2	22.3	0.4	22.7	22.0	22.0	22.1	2	22.7
		3	3	22.2	22.2	22.3	0.4	22.7	22.0	22.0	22.1	2	22.7
		6	0	21.1	21.0	21.2	1.4	21.7	20.9	20.9	21.0	3	21.7
	256QAM	1	0	19.2	19.0	19.3	3.4	19.7	18.9	18.9	19.1	5	19.7
		1	3	19.3	19.2	19.4	3.4	19.7	19.0	19.0	19.1	5	19.7
		1	5	19.2	19.1	19.3	3.4	19.7	19.0	19.0	19.1	5	19.7
		3	0	19.2	19.2	19.3	3.4	19.7	18.9	18.9	19.0	5	19.7
		3	1	19.2	19.2	19.3	3.4	19.7	18.9	18.9	19.0	5	19.7
		3	3	19.2	19.2	19.3	3.4	19.7	18.9	18.9	19.1	5	19.7
		6	0	19.0	19.1	19.0	3.4	19.7	18.9	18.9	19.0	5	19.7

LTE Band 7 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20850	21100	21350	MPR	Tune-up Limit	20850	21100	21350	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20 MHz	QPSK	1	0	25.1	25.1	25.1	0	25.7	19.8	20.0	19.9	0	20.3
		1	49	25.1	25.1	25.1	0	25.7	20.0	20.1	20.1	0	20.3
		1	99	25.1	25.1	25.1	0	25.7	19.9	20.0	19.9	0	20.3
		50	0	24.2	24.2	24.2	1	24.7	19.9	19.9	19.9	0	20.3
		50	24	24.2	24.3	24.3	1	24.7	20.1	20.1	20.1	0	20.3
		50	50	24.1	24.1	24.1	1	24.7	19.9	19.9	19.8	0	20.3
		100	0	24.2	24.2	24.2	1	24.7	19.8	20.1	19.9	0	20.3
	16QAM	1	0	24.3	24.1	24.3	1	24.7	19.7	19.9	20.0	0	20.3
		1	49	24.1	24.3	23.8	1	24.7	19.9	20.1	20.1	0	20.3
		1	99	24.3	24.2	24.3	1	24.7	19.8	20.0	20.1	0	20.3
		50	0	23.2	23.2	23.2	2	23.7	19.6	19.7	19.8	0	20.3
		50	24	23.2	23.2	23.2	2	23.7	19.6	19.7	19.8	0	20.3
		50	50	23.1	23.1	23.2	2	23.7	19.5	19.6	19.7	0	20.3
		100	0	23.2	23.2	23.2	2	23.7	19.6	19.7	19.8	0	20.3
	64QAM	1	0	23.2	23.2	23.1	2	23.7	19.6	19.6	19.8	0	20.3
		1	49	23.4	23.3	23.2	2	23.7	19.7	19.8	19.9	0	20.3
		1	99	23.2	23.2	23.2	2	23.7	19.7	19.7	19.8	0	20.3
		50	0	22.1	22.1	22.2	3	22.7	19.6	19.6	19.7	0	20.3
		50	24	22.1	22.1	22.2	3	22.7	19.6	19.7	19.8	0	20.3
		50	50	22.0	22.1	22.1	3	22.7	19.5	19.5	19.7	0	20.3
		100	0	22.1	22.1	22.2	3	22.7	19.6	19.6	19.8	0	20.3
	256QAM	1	0	20.2	20.2	20.3	5	20.7	19.7	19.7	19.8	0	20.3
		1	49	20.2	20.3	20.4	5	20.7	19.7	19.8	19.9	0	20.3
		1	99	20.2	20.3	20.4	5	20.7	19.7	19.7	19.9	0	20.3
		50	0	20.1	20.1	20.1	5	20.7	19.5	19.6	19.7	0	20.3
		50	24	20.1	20.2	20.2	5	20.7	19.6	19.6	19.8	0	20.3
		50	50	20.1	20.1	20.1	5	20.7	19.5	19.6	19.7	0	20.3
		100	0	20.1	20.1	20.2	5	20.7	19.6	19.6	19.8	0	20.3

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Tune-up Limit	20825	21100	21375	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15 MHz	QPSK	1	0	25.1	25.0	25.2	0	25.7	19.8	19.8	19.7	0	20.3
		1	37	25.2	25.1	25.2	0	25.7	19.8	19.9	19.7	0	20.3
		1	74	25.1	25.0	25.1	0	25.7	19.7	19.7	19.7	0	20.3
		36	0	24.2	24.1	24.2	1	24.7	19.9	19.9	19.8	0	20.3
		36	20	24.2	24.1	24.2	1	24.7	19.9	19.9	19.8	0	20.3
		36	39	24.1	24.1	24.2	1	24.7	19.8	19.8	19.7	0	20.3
		75	0	24.1	24.1	24.2	1	24.7	19.8	19.9	19.8	0	20.3
	16QAM	1	0	24.4	24.4	24.4	1	24.7	20.0	20.1	20.0	0	20.3
		1	37	24.4	24.4	24.5	1	24.7	20.1	20.1	20.1	0	20.3
		1	74	24.4	24.4	24.5	1	24.7	20.1	20.0	20.0	0	20.3
		36	0	23.2	23.1	23.2	2	23.7	19.9	19.8	19.8	0	20.3
		36	20	23.2	23.2	23.2	2	23.7	19.9	19.9	19.8	0	20.3
		36	39	23.2	23.2	23.2	2	23.7	19.8	19.8	19.7	0	20.3
		75	0	23.2	23.2	23.2	2	23.7	19.8	19.9	19.8	0	20.3
	64QAM	1	0	23.1	23.1	23.2	2	23.7	20.0	19.9	19.9	0	20.3
		1	37	23.2	23.2	23.3	2	23.7	20.0	20.0	19.9	0	20.3
		1	74	23.2	23.1	23.3	2	23.7	20.0	20.0	19.9	0	20.3
		36	0	22.1	22.1	22.1	3	22.7	19.9	19.9	19.8	0	20.3
		36	20	22.1	22.1	22.2	3	22.7	19.9	19.9	19.8	0	20.3
		36	39	22.0	22.1	22.2	3	22.7	19.9	19.8	19.7	0	20.3
		75	0	22.0	22.1	22.2	3	22.7	19.9	19.9	19.8	0	20.3
	256QAM	1	0	20.0	20.2	20.2	5	20.7	20.0	20.0	19.7	0	20.3
		1	37	20.1	20.2	20.2	5	20.7	20.1	20.0	19.8	0	20.3
		1	74	20.1	20.2	20.3	5	20.7	20.0	19.9	19.8	0	20.3
		36	0	20.1	20.1	20.1	5	20.7	19.9	19.9	19.8	0	20.3
		36	20	20.1	20.1	20.2	5	20.7	19.9	19.9	19.8	0	20.3
		36	39	20.1	20.1	20.2	5	20.7	19.9	19.8	19.7	0	20.3
		75	0	20.0	20.1	20.2	5	20.7	19.9	19.9	19.8	0	20.3

LTE Band 7 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20800	21100	21400	MPR	Tune-up Limit	20800	21100	21400	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10 MHz	QPSK	1	0	25.3	25.3	25.3	0	25.7	19.8	19.8	20.0	0	20.3
		1	25	25.3	25.3	25.4	0	25.7	19.8	19.8	20.0	0	20.3
		1	49	25.3	25.3	25.4	0	25.7	19.8	19.9	20.0	0	20.3
		25	0	24.3	24.3	24.4	1	24.7	19.8	19.9	20.0	0	20.3
		25	12	24.3	24.3	24.4	1	24.7	19.8	19.9	20.0	0	20.3
		25	25	24.3	24.3	24.3	1	24.7	19.8	19.8	19.9	0	20.3
		50	0	24.3	24.3	24.4	1	24.7	19.8	19.9	20.0	0	20.3
	16QAM	1	0	24.5	24.0	23.2	1	24.7	19.9	20.0	20.1	0	20.3
		1	25	24.3	24.0	23.1	1	24.7	19.9	19.9	20.0	0	20.3
		1	49	24.4	24.1	24.0	1	24.7	20.0	20.1	20.1	0	20.3
		25	0	23.4	23.3	23.5	2	23.7	19.9	19.9	20.1	0	20.3
		25	12	23.3	23.4	23.5	2	23.7	19.9	19.9	20.1	0	20.3
		25	25	23.3	23.4	23.4	2	23.7	19.9	19.9	20.0	0	20.3
		50	0	23.3	23.3	23.4	2	23.7	19.8	19.9	20.0	0	20.3
	64QAM	1	0	23.5	23.4	23.4	2	23.7	19.7	19.7	19.8	0	20.3
		1	25	23.5	23.4	23.5	2	23.7	19.9	19.8	19.9	0	20.3
		1	49	23.5	23.4	23.5	2	23.7	19.9	19.8	19.8	0	20.3
		25	0	22.3	22.3	22.3	3	22.7	19.9	19.9	20.0	0	20.3
		25	12	22.2	22.3	22.3	3	22.7	19.9	19.9	20.0	0	20.3
		25	25	22.2	22.3	22.2	3	22.7	19.8	19.8	19.9	0	20.3
		50	0	22.2	22.3	22.3	3	22.7	19.8	19.9	20.0	0	20.3
	256QAM	1	0	20.3	20.4	20.3	5	20.7	20.0	20.0	20.0	0	20.3
		1	25	20.4	20.4	20.4	5	20.7	20.0	20.0	20.1	0	20.3
		1	49	20.3	20.3	20.2	5	20.7	19.9	19.9	20.1	0	20.3
		25	0	20.2	20.3	20.3	5	20.7	19.9	19.9	20.0	0	20.3
		25	12	20.2	20.3	20.3	5	20.7	19.9	19.9	20.0	0	20.3
		25	25	20.2	20.3	20.3	5	20.7	19.9	19.8	19.9	0	20.3
		50	0	20.2	20.3	20.3	5	20.7	19.8	19.9	20.0	0	20.3

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Tune-up Limit	20775	21100	21425	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5 MHz	QPSK	1	0	25.3	25.3	25.3	0	25.7	20.0	19.8	19.7	0	20.3
		1	12	25.4	25.4	25.4	0	25.7	20.1	19.9	19.8	0	20.3
		1	24	25.3	25.3	25.4	0	25.7	19.9	19.8	19.7	0	20.3
		12	0	24.3	24.2	24.3	1	24.7	19.8	19.8	19.7	0	20.3
		12	7	24.4	24.3	24.4	1	24.7	19.9	19.9	19.8	0	20.3
		12	13	24.4	24.3	24.4	1	24.7	19.9	19.9	19.8	0	20.3
		25	0	24.3	24.3	24.4	1	24.7	19.8	19.9	19.8	0	20.3
	16QAM	1	0	24.3	23.9	24.3	1	24.7	19.9	20.0	19.9	0	20.3
		1	12	24.3	24.0	24.5	1	24.7	20.1	20.1	20.0	0	20.3
		1	24	24.2	24.4	24.1	1	24.7	20.0	20.0	19.9	0	20.3
		12	0	23.3	23.3	23.4	2	23.7	19.8	19.8	19.8	0	20.3
		12	7	23.4	23.4	23.5	2	23.7	19.9	19.9	19.8	0	20.3
		12	13	23.4	23.4	23.5	2	23.7	19.9	19.9	19.8	0	20.3
		25	0	23.3	23.3	23.4	2	23.7	19.8	19.9	19.8	0	20.3
	64QAM	1	0	23.4	23.4	23.4	2	23.7	20.0	19.9	19.9	0	20.3
		1	12	23.5	23.5	23.5	2	23.7	20.0	20.0	20.1	0	20.3
		1	24	23.5	23.4	23.4	2	23.7	20.0	19.9	20.0	0	20.3
		12	0	22.2	22.2	22.3	3	22.7	19.8	19.8	19.8	0	20.3
		12	7	22.3	22.3	22.4	3	22.7	19.9	19.9	19.8	0	20.3
		12	13	22.3	22.3	22.4	3	22.7	19.9	19.9	19.9	0	20.3
		25	0	22.2	22.3	22.3	3	22.7	19.8	19.9	19.8	0	20.3
	256QAM	1	0	20.2	20.3	20.4	5	20.7	19.8	19.9	19.8	0	20.3
		1	12	20.3	20.4	20.4	5	20.7	20.0	20.0	19.9	0	20.3
		1	24	20.3	20.3	20.4	5	20.7	19.9	19.9	19.8	0	20.3
		12	0	20.2	20.2	20.2	5	20.7	19.8	19.8	19.8	0	20.3
		12	7	20.3	20.3	20.4	5	20.7	19.9	19.9	19.9	0	20.3
		12	13	20.3	20.3	20.4	5	20.7	19.9	19.9	19.9	0	20.3
		25	0	20.2	20.3	20.3	5	20.7	19.8	19.9	19.8	0	20.3

LTE Band 7 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20850	21100	21350	MPR	Tune-up Limit	20850	21100	21350	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20 MHz	QPSK	1	0	16.8	16.8	16.7	0	16.9	17.6	17.6	17.6	0	18.3
		1	49	16.8	16.8	16.7	0	16.9	17.8	17.8	17.7	0	18.3
		1	99	16.8	16.8	16.7	0	16.9	17.7	17.7	17.7	0	18.3
		50	0	16.6	16.7	16.7	0	16.9	17.7	17.7	17.8	0	18.3
		50	24	16.8	16.8	16.7	0	16.9	17.7	17.8	17.8	0	18.3
		50	50	16.6	16.6	16.7	0	16.9	17.7	17.7	17.7	0	18.3
		100	0	16.6	16.7	16.7	0	16.9	17.7	17.8	17.8	0	18.3
	16QAM	1	0	16.7	16.7	16.7	0	16.9	17.7	17.7	17.8	0	18.3
		1	49	16.8	16.8	16.7	0	16.9	17.8	17.5	17.7	0	18.3
		1	99	16.8	16.8	16.7	0	16.9	17.8	17.8	17.8	0	18.3
		50	0	16.7	16.7	16.7	0	16.9	17.7	17.8	17.8	0	18.3
		50	24	16.6	16.7	16.7	0	16.9	17.7	17.8	17.8	0	18.3
		50	50	16.6	16.7	16.7	0	16.9	17.7	17.7	17.8	0	18.3
		100	0	16.6	16.7	16.7	0	16.9	17.7	17.8	17.8	0	18.3
	64QAM	1	0	16.4	16.5	16.5	0	16.9	17.4	17.4	17.5	0	18.3
		1	49	16.6	16.6	16.6	0	16.9	17.5	17.6	17.7	0	18.3
		1	99	16.5	16.5	16.5	0	16.9	17.4	17.5	17.6	0	18.3
		50	0	16.4	16.4	16.5	0	16.9	17.4	17.4	17.5	0	18.3
		50	24	16.3	16.5	16.5	0	16.9	17.3	17.4	17.4	0	18.3
		50	50	16.3	16.4	16.4	0	16.9	17.3	17.4	17.4	0	18.3
		100	0	16.3	16.4	16.5	0	16.9	17.3	17.4	17.4	0	18.3
	256QAM	1	0	16.5	16.5	16.5	0	16.9	17.4	17.5	17.4	0	18.3
		1	49	16.5	16.5	16.5	0	16.9	17.5	17.5	17.4	0	18.3
		1	99	16.5	16.6	16.5	0	16.9	17.5	17.5	17.4	0	18.3
		50	0	16.4	16.4	16.5	0	16.9	17.3	17.4	17.4	0	18.3
		50	24	16.3	16.5	16.5	0	16.9	17.3	17.4	17.4	0	18.3
		50	50	16.4	16.4	16.4	0	16.9	17.3	17.4	17.4	0	18.3
		100	0	16.3	16.5	16.5	0	16.9	17.3	17.4	17.4	0	18.3

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Tune-up Limit	20825	21100	21375	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15 MHz	QPSK	1	0	16.5	16.5	16.6	0	16.9	17.6	17.6	17.7	0	18.3
		1	37	16.5	16.6	16.7	0	16.9	17.6	17.7	17.7	0	18.3
		1	74	16.5	16.5	16.6	0	16.9	17.6	17.6	17.7	0	18.3
		36	0	16.6	16.6	16.7	0	16.9	17.7	17.7	17.8	0	18.3
		36	20	16.6	16.6	16.7	0	16.9	17.7	17.7	17.8	0	18.3
		36	39	16.6	16.6	16.6	0	16.9	17.7	17.7	17.7	0	18.3
		75	0	16.5	16.6	16.7	0	16.9	17.6	17.7	17.8	0	18.3
	16QAM	1	0	16.6	16.6	16.6	0	16.9	17.8	17.7	17.7	0	18.3
		1	37	16.7	16.6	16.7	0	16.9	17.8	17.8	17.8	0	18.3
		1	74	16.6	16.7	16.7	0	16.9	17.8	17.7	17.8	0	18.3
		36	0	16.6	16.7	16.7	0	16.9	17.7	17.7	17.8	0	18.3
		36	20	16.6	16.7	16.8	0	16.9	17.7	17.7	17.8	0	18.3
		36	39	16.6	16.6	16.7	0	16.9	17.7	17.7	17.7	0	18.3
		75	0	16.6	16.7	16.7	0	16.9	17.7	17.7	17.8	0	18.3
	64QAM	1	0	16.4	16.5	16.6	0	16.9	17.4	17.4	17.5	0	18.3
		1	37	16.5	16.5	16.6	0	16.9	17.5	17.5	17.5	0	18.3
		1	74	16.4	16.5	16.6	0	16.9	17.4	17.5	17.5	0	18.3
		36	0	16.4	16.4	16.5	0	16.9	17.4	17.4	17.5	0	18.3
		36	20	16.4	16.4	16.5	0	16.9	17.4	17.4	17.5	0	18.3
		36	39	16.3	16.4	16.4	0	16.9	17.3	17.4	17.4	0	18.3
		75	0	16.4	16.5	16.5	0	16.9	17.4	17.4	17.4	0	18.3
	256QAM	1	0	16.4	16.6	16.6	0	16.9	17.3	17.5	17.4	0	18.3
		1	37	16.4	16.6	16.6	0	16.9	17.4	17.5	17.4	0	18.3
		1	74	16.4	16.6	16.6	0	16.9	17.3	17.5	17.4	0	18.3
		36	0	16.4	16.4	16.5	0	16.9	17.3	17.4	17.4	0	18.3
		36	20	16.4	16.5	16.5	0	16.9	17.3	17.4	17.4	0	18.3
		36	39	16.4	16.4	16.4	0	16.9	17.3	17.3	17.3	0	18.3
		75	0	16.4	16.5	16.5	0	16.9	17.4	17.4	17.4	0	18.3

LTE Band 7 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20800	21100	21400	MPR	Tune-up Limit	20800	21100	21400	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10 MHz	QPSK	1	0	16.5	16.5	16.6	0	16.9	17.6	17.6	17.7	0	18.3
		1	25	16.5	16.5	16.6	0	16.9	17.7	17.6	17.7	0	18.3
		1	49	16.6	16.6	16.6	0	16.9	17.7	17.6	17.7	0	18.3
		25	0	16.6	16.6	16.6	0	16.9	17.7	17.7	17.8	0	18.3
		25	12	16.5	16.6	16.6	0	16.9	17.7	17.7	17.8	0	18.3
		25	25	16.5	16.6	16.6	0	16.9	17.7	17.7	17.8	0	18.3
		50	0	16.5	16.6	16.6	0	16.9	17.6	17.7	17.8	0	18.3
	16QAM	1	0	16.5	16.6	16.6	0	16.9	17.7	17.6	17.7	0	18.3
		1	25	16.5	16.6	16.6	0	16.9	17.7	17.6	17.7	0	18.3
		1	49	16.6	16.6	16.6	0	16.9	17.8	17.6	17.7	0	18.3
		25	0	16.7	16.7	16.7	0	16.9	17.8	17.7	17.8	0	18.3
		25	12	16.4	16.5	16.6	0	16.9	17.7	17.7	17.8	0	18.3
		25	25	16.5	16.5	16.6	0	16.9	17.7	17.7	17.8	0	18.3
		50	0	16.6	16.7	16.7	0	16.9	17.6	17.7	17.8	0	18.3
	64QAM	1	0	16.6	16.5	16.6	0	16.9	17.6	17.6	17.7	0	18.3
		1	25	16.6	16.5	16.6	0	16.9	17.7	17.7	17.7	0	18.3
		1	49	16.6	16.5	16.7	0	16.9	17.7	17.7	17.8	0	18.3
		25	0	16.4	16.5	16.5	0	16.9	17.5	17.6	17.6	0	18.3
		25	12	16.5	16.5	16.5	0	16.9	17.6	17.6	17.6	0	18.3
		25	25	16.4	16.5	16.5	0	16.9	17.5	17.6	17.6	0	18.3
		50	0	16.4	16.5	16.5	0	16.9	17.5	17.6	17.6	0	18.3
	256QAM	1	0	16.5	16.5	16.6	0	16.9	17.6	17.6	17.7	0	18.3
		1	25	16.6	16.6	16.7	0	16.9	17.7	17.7	17.7	0	18.3
		1	49	16.5	16.5	16.5	0	16.9	17.6	17.6	17.6	0	18.3
		25	0	16.4	16.5	16.5	0	16.9	17.5	17.5	17.5	0	18.3
		25	12	16.5	16.5	16.5	0	16.9	17.6	17.6	17.6	0	18.3
		25	25	16.4	16.5	16.5	0	16.9	17.5	17.6	17.6	0	18.3
		50	0	16.4	16.5	16.5	0	16.9	17.4	17.6	17.6	0	18.3

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Tune-up Limit	20775	21100	21425	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5 MHz	QPSK	1	0	16.6	16.6	16.7	0	16.9	17.6	17.5	17.7	0	18.3
		1	12	16.7	16.7	16.7	0	16.9	17.7	17.7	17.7	0	18.3
		1	24	16.7	16.7	16.7	0	16.9	17.7	17.6	17.7	0	18.3
		12	0	16.6	16.6	16.7	0	16.9	17.6	17.6	17.7	0	18.3
		12	7	16.7	16.7	16.7	0	16.9	17.7	17.6	17.8	0	18.3
		12	13	16.7	16.8	16.7	0	16.9	17.7	17.7	17.8	0	18.3
		25	0	16.7	16.7	16.8	0	16.9	17.7	17.6	17.7	0	18.3
	16QAM	1	0	16.5	16.7	16.7	0	16.9	17.6	17.5	17.6	0	18.3
		1	12	16.7	16.7	16.7	0	16.9	17.7	17.6	17.7	0	18.3
		1	24	16.6	16.7	16.7	0	16.9	17.7	17.5	17.6	0	18.3
		12	0	16.7	16.7	16.7	0	16.9	17.7	17.7	17.7	0	18.3
		12	7	16.6	16.6	16.6	0	16.9	17.8	17.8	17.7	0	18.3
		12	13	16.6	16.7	16.6	0	16.9	17.7	17.8	17.8	0	18.3
		25	0	16.7	16.7	16.7	0	16.9	17.7	17.7	17.8	0	18.3
	64QAM	1	0	16.5	16.5	16.5	0	16.9	17.5	17.7	17.8	0	18.3
		1	12	16.6	16.6	16.6	0	16.9	17.6	17.8	17.8	0	18.3
		1	24	16.6	16.6	16.6	0	16.9	17.6	17.7	17.8	0	18.3
		12	0	16.4	16.4	16.4	0	16.9	17.5	17.5	17.6	0	18.3
		12	7	16.5	16.5	16.5	0	16.9	17.6	17.6	17.6	0	18.3
		12	13	16.5	16.5	16.5	0	16.9	17.6	17.6	17.6	0	18.3
		25	0	16.4	16.5	16.5	0	16.9	17.5	17.6	17.6	0	18.3
	256QAM	1	0	16.4	16.6	16.5	0	16.9	17.6	17.7	17.6	0	18.3
		1	12	16.5	16.7	16.6	0	16.9	17.6	17.8	17.6	0	18.3
		1	24	16.5	16.5	16.5	0	16.9	17.6	17.7	17.6	0	18.3
		12	0	16.4	16.4	16.4	0	16.9	17.4	17.5	17.5	0	18.3
		12	7	16.4	16.5	16.5	0	16.9	17.6	17.6	17.6	0	18.3
		12	13	16.5	16.6	16.5	0	16.9	17.6	17.6	17.6	0	18.3
		25	0	16.4	16.5	16.5	0	16.9	17.5	17.6	17.6	0	18.3

LTE Band 7 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20850	21100	21350	MPR	Tune-up Limit	20850	21100	21350	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20 MHz	QPSK	1	0	23.1	23.2	23.0	0.0	23.6	19.0	19.1	19.0	0.0	19.4
		1	49	23.5	23.5	23.0	0.0	23.6	19.1	19.1	19.1	0.0	19.4
		1	99	23.4	23.1	22.8	0.0	23.6	19.1	19.1	18.8	0.0	19.4
		50	0	23.4	23.3	23.0	0.0	23.6	19.1	18.9	18.7	0.0	19.4
		50	24	23.5	23.5	23.0	0.0	23.6	19.1	19.1	18.8	0.0	19.4
		50	50	23.5	23.2	22.9	0.0	23.6	19.1	18.8	18.6	0.0	19.4
		100	0	23.4	23.5	23.0	0.0	23.6	19.1	19.1	18.7	0.0	19.4
	16QAM	1	0	23.4	23.3	23.2	0.0	23.6	19.0	19.1	19.0	0.0	19.4
		1	49	23.4	23.4	23.5	0.0	23.6	19.1	19.1	19.1	0.0	19.4
		1	99	23.5	23.2	23.0	0.0	23.6	19.1	19.1	18.8	0.0	19.4
		50	0	22.7	22.5	22.3	0.6	23.0	19.1	18.9	18.7	0.0	19.4
		50	24	22.8	22.5	22.3	0.6	23.0	19.0	18.9	18.7	0.0	19.4
		50	50	22.7	22.4	22.2	0.6	23.0	19.1	18.8	18.6	0.0	19.4
		100	0	22.7	22.5	22.3	0.6	23.0	19.1	18.9	18.7	0.0	19.4
	64QAM	1	0	22.6	22.6	22.3	0.6	23.0	18.9	19.0	18.8	0.0	19.4
		1	49	22.8	22.7	22.4	0.6	23.0	19.1	19.0	18.8	0.0	19.4
		1	99	22.8	22.4	22.2	0.6	23.0	19.1	18.9	18.6	0.0	19.4
		50	0	21.7	21.5	21.3	1.6	22.0	19.1	18.9	18.7	0.0	19.4
		50	24	21.8	21.5	21.3	1.6	22.0	19.1	18.9	18.7	0.0	19.4
		50	50	21.7	21.4	21.2	1.6	22.0	19.1	18.8	18.5	0.0	19.4
		100	0	21.7	21.5	21.3	1.6	22.0	19.0	18.9	18.7	0.0	19.4
	256QAM	1	0	19.4	19.7	19.5	3.6	20.0	18.9	19.1	18.9	0.0	19.4
		1	49	19.7	19.6	19.5	3.6	20.0	19.1	19.0	18.8	0.0	19.4
		1	99	19.8	19.6	19.4	3.6	20.0	19.1	18.9	18.7	0.0	19.4
		50	0	19.7	19.5	19.3	3.6	20.0	19.1	18.9	18.7	0.0	19.4
		50	24	19.8	19.5	19.3	3.6	20.0	19.1	18.9	18.7	0.0	19.4
		50	50	19.7	19.4	19.2	3.6	20.0	19.1	18.8	18.6	0.0	19.4
		100	0	19.7	19.5	19.3	3.6	20.0	19.1	18.9	18.7	0.0	19.4
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Tune-up Limit	20825	21100	21375	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15 MHz	QPSK	1	0	23.1	23.2	22.9	0.0	23.6	18.8	18.8	18.6	0.0	19.4
		1	37	23.5	23.2	22.9	0.0	23.6	19.1	18.8	18.6	0.0	19.4
		1	74	23.4	23.1	22.9	0.0	23.6	19.1	18.8	18.5	0.0	19.4
		36	0	23.4	23.2	23.0	0.0	23.6	19.0	18.9	18.6	0.0	19.4
		36	20	23.5	23.2	23.0	0.0	23.6	19.1	18.9	18.6	0.0	19.4
		36	39	23.5	23.1	22.9	0.0	23.6	19.1	18.8	18.5	0.0	19.4
		75	0	23.4	23.2	23.0	0.0	23.6	19.1	18.9	18.6	0.0	19.4
	16QAM	1	0	23.3	23.3	23.0	0.0	23.6	19.1	19.1	18.9	0.0	19.4
		1	37	23.3	23.2	23.1	0.0	23.6	19.1	19.1	18.9	0.0	19.4
		1	74	23.2	23.2	23.0	0.0	23.6	19.1	19.1	18.8	0.0	19.4
		36	0	22.7	22.5	22.3	0.6	23.0	19.1	18.9	18.7	0.0	19.4
		36	20	22.7	22.5	22.3	0.6	23.0	19.1	18.9	18.7	0.0	19.4
		36	39	22.8	22.4	22.1	0.6	23.0	19.1	18.8	18.6	0.0	19.4
		75	0	22.7	22.5	22.3	0.6	23.0	19.1	18.9	18.7	0.0	19.4
	64QAM	1	0	22.6	22.5	22.3	0.6	23.0	19.0	19.0	18.7	0.0	19.4
		1	37	22.9	22.5	22.3	0.6	23.0	19.0	18.9	18.7	0.0	19.4
		1	74	22.9	22.4	22.2	0.6	23.0	19.0	18.9	18.7	0.0	19.4
		36	0	21.6	21.5	21.2	1.6	22.0	19.0	18.9	18.7	0.0	19.4
		36	20	21.7	21.5	21.2	1.6	22.0	19.1	18.9	18.6	0.0	19.4
		36	39	21.7	21.4	21.1	1.6	22.0	19.1	18.8	18.5	0.0	19.4
		75	0	21.7	21.5	21.2	1.6	22.0	19.1	18.9	18.6	0.0	19.4
	256QAM	1	0	19.6	19.7	19.4	3.6	20.0	18.9	19.1	18.7	0.0	19.4
		1	37	19.9	19.6	19.4	3.6	20.0	19.1	18.9	18.7	0.0	19.4
		1	74	19.9	19.6	19.3	3.6	20.0	19.1	19.0	18.6	0.0	19.4
		36	0	19.6	19.5	19.3	3.6	20.0	19.0	18.9	18.6	0.0	19.4
		36	20	19.7	19.5	19.3	3.6	20.0	19.1	18.9	18.6	0.0	19.4
		36	39	19.8	19.4	19.2	3.6	20.0	19.1	18.8	18.6	0.0	19.4
		75	0	19.7	19.5	19.2	3.6	20.0	19.1	18.9	18.6	0.0	19.4

LTE Band 7 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				20800	21100	21400			20800	21100	21400		
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10 MHz	QPSK	1	0	23.1	23.0	22.8	0.0	23.6	19.0	19.0	18.8	0.0	19.4
		1	25	23.3	23.0	22.7	0.0	23.6	19.1	19.0	18.7	0.0	19.4
		1	49	23.3	23.0	22.8	0.0	23.6	19.1	19.0	18.7	0.0	19.4
		25	0	23.2	23.1	22.8	0.0	23.6	19.1	19.1	18.7	0.0	19.4
		25	12	23.3	23.1	22.8	0.0	23.6	19.1	19.1	18.8	0.0	19.4
		25	25	23.3	23.0	22.7	0.0	23.6	19.1	19.0	18.6	0.0	19.4
		50	0	23.3	23.1	22.8	0.0	23.6	19.1	19.1	18.8	0.0	19.4
	16QAM	1	0	23.3	23.3	23.1	0.0	23.6	19.0	19.1	19.1	0.0	19.4
		1	25	23.3	23.3	23.0	0.0	23.6	19.1	19.0	19.0	0.0	19.4
		1	49	23.3	23.3	23.1	0.0	23.6	19.1	19.0	19.0	0.0	19.4
		25	0	22.7	22.5	22.2	0.6	23.0	19.1	19.1	18.8	0.0	19.4
		25	12	22.7	22.5	22.2	0.6	23.0	19.1	19.1	18.8	0.0	19.4
		25	25	22.7	22.4	22.1	0.6	23.0	19.0	19.0	18.7	0.0	19.4
		50	0	22.7	22.5	22.2	0.6	23.0	19.1	19.1	18.8	0.0	19.4
	64QAM	1	0	22.7	22.6	22.3	0.6	23.0	18.9	19.1	18.9	0.0	19.4
		1	25	22.6	22.6	22.3	0.6	23.0	19.1	19.1	18.9	0.0	19.4
		1	49	22.7	22.6	22.3	0.6	23.0	19.1	19.1	18.8	0.0	19.4
		25	0	21.6	21.5	21.2	1.6	22.0	19.1	19.1	18.7	0.0	19.4
		25	12	21.6	21.5	21.2	1.6	22.0	19.1	19.1	18.7	0.0	19.4
		25	25	21.7	21.4	21.1	1.6	22.0	19.1	19.0	18.6	0.0	19.4
		50	0	21.6	21.5	21.2	1.6	22.0	19.1	19.1	18.7	0.0	19.4
	256QAM	1	0	19.6	19.6	19.3	3.6	20.0	19.1	19.1	18.9	0.0	19.4
		1	25	19.7	19.6	19.3	3.6	20.0	19.1	19.1	18.9	0.0	19.4
		1	49	19.7	19.5	19.2	3.6	20.0	19.1	19.1	18.8	0.0	19.4
		25	0	19.5	19.5	19.2	3.6	20.0	19.1	19.1	18.7	0.0	19.4
		25	12	19.6	19.5	19.2	3.6	20.0	19.1	19.1	18.8	0.0	19.4
		25	25	19.7	19.4	19.1	3.6	20.0	19.1	19.0	18.7	0.0	19.4
		50	0	19.6	19.5	19.2	3.6	20.0	19.1	19.1	18.8	0.0	19.4
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				20775	21100	21425			20775	21100	21425		
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5 MHz	QPSK	1	0	23.0	23.0	22.7	0.0	23.6	19.0	19.0	18.7	0.0	19.4
		1	12	23.3	23.1	22.8	0.0	23.6	19.1	19.0	18.7	0.0	19.4
		1	24	23.3	23.0	22.7	0.0	23.6	19.1	19.0	18.7	0.0	19.4
		12	0	23.1	23.0	22.7	0.0	23.6	19.0	19.0	18.6	0.0	19.4
		12	7	23.2	23.1	22.8	0.0	23.6	19.1	19.0	18.7	0.0	19.4
		12	13	23.2	23.0	22.7	0.0	23.6	19.1	19.0	18.7	0.0	19.4
		25	0	23.1	23.1	22.7	0.0	23.6	19.1	19.0	18.7	0.0	19.4
	16QAM	1	0	23.1	23.3	23.0	0.0	23.6	19.0	19.0	19.1	0.0	19.4
		1	12	23.3	23.3	23.1	0.0	23.6	19.1	19.0	19.1	0.0	19.4
		1	24	23.3	23.3	23.1	0.0	23.6	19.1	19.0	19.1	0.0	19.4
		12	0	22.6	22.4	22.2	0.6	23.0	19.1	19.1	18.7	0.0	19.4
		12	7	22.7	22.5	22.2	0.6	23.0	19.1	19.1	18.7	0.0	19.4
		12	13	22.7	22.4	22.2	0.6	23.0	19.1	19.1	18.7	0.0	19.4
		25	0	22.6	22.5	22.2	0.6	23.0	19.1	19.0	18.7	0.0	19.4
	64QAM	1	0	22.6	22.5	22.2	0.6	23.0	19.1	19.1	18.9	0.0	19.4
		1	12	22.7	22.6	22.2	0.6	23.0	19.1	19.1	19.0	0.0	19.4
		1	24	22.7	22.6	22.2	0.6	23.0	19.1	19.1	18.9	0.0	19.4
		12	0	21.5	21.4	21.1	1.6	22.0	19.0	19.0	18.7	0.0	19.4
		12	7	21.6	21.5	21.2	1.6	22.0	19.1	19.0	18.7	0.0	19.4
		12	13	21.6	21.4	21.1	1.6	22.0	19.1	19.0	18.7	0.0	19.4
		25	0	21.5	21.5	21.1	1.6	22.0	19.1	19.0	18.7	0.0	19.4
	256QAM	1	0	19.5	19.6	19.3	3.6	20.0	19.1	19.1	18.8	0.0	19.4
		1	12	19.7	19.6	19.3	3.6	20.0	19.1	19.1	18.9	0.0	19.4
		1	24	19.7	19.5	19.2	3.6	20.0	19.1	19.1	18.8	0.0	19.4
		12	0	19.4	19.4	19.1	3.6	20.0	19.1	19.0	18.7	0.0	19.4
		12	7	19.6	19.5	19.2	3.6	20.0	19.1	19.1	18.8	0.0	19.4
		12	13	19.6	19.4	19.2	3.6	20.0	19.1	19.0	18.7	0.0	19.4
		25	0	19.6	19.5	19.2	3.6	20.0	19.1	19.0	18.7	0.0	19.4

LTE Band 7 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20850	21100	21350	MPR	Tune-up Limit	20850	21100	21350	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20 MHz	QPSK	1	0	17.0	17.3	17.1	0	17.4	19.5	19.4	19.5	0	19.5
		1	49	17.3	17.4	17.2	0	17.4	19.5	19.5	19.5	0	19.5
		1	99	17.2	17.2	17.2	0	17.4	19.5	19.4	19.4	0	19.5
		50	0	17.3	17.3	17.3	0	17.4	19.5	19.3	19.4	0	19.5
		50	24	17.3	17.4	17.3	0	17.4	19.5	19.5	19.4	0	19.5
		50	50	17.3	17.2	17.2	0	17.4	19.5	19.2	19.3	0	19.5
		100	0	17.3	17.3	17.3	0	17.4	19.5	19.5	19.4	0	19.5
	16QAM	1	0	17.0	17.0	17.2	0	17.4	19.5	19.4	19.5	0	19.5
		1	49	17.4	17.2	17.4	0	17.4	19.4	19.2	19.5	0	19.5
		1	99	17.2	17.1	17.2	0	17.4	19.5	19.4	19.4	0	19.5
		50	0	17.3	17.3	17.3	0	17.4	19.5	19.3	19.4	0	19.5
		50	24	17.3	17.3	17.3	0	17.4	19.5	19.3	19.4	0	19.5
		50	50	17.3	17.2	17.3	0	17.4	19.5	19.2	19.3	0	19.5
		100	0	17.2	17.2	17.3	0	17.4	19.5	19.3	19.4	0	19.5
	64QAM	1	0	17.4	17.4	17.3	0	17.4	19.1	19.1	19.2	0	19.5
		1	49	17.4	17.4	17.4	0	17.4	19.5	19.2	19.2	0	19.5
		1	99	17.4	17.3	17.4	0	17.4	19.2	19.2	19.2	0	19.5
		50	0	17.4	17.3	17.3	0	17.4	19.2	19.0	19.0	0	19.5
		50	24	17.4	17.3	17.3	0	17.4	19.2	19.1	19.1	0	19.5
		50	50	17.4	17.2	17.2	0	17.4	19.2	19.0	19.0	0	19.5
		100	0	17.4	17.3	17.3	0	17.4	19.2	19.1	19.1	0	19.5
	256QAM	1	0	17.4	17.4	17.3	0	17.4	17.7	17.7	17.6	1.3	18.2
		1	49	17.4	17.3	17.3	0	17.4	17.9	17.6	17.6	1.3	18.2
		1	99	17.4	17.4	17.3	0	17.4	17.9	17.7	17.7	1.3	18.2
		50	0	17.3	17.2	17.2	0	17.4	17.6	17.5	17.5	1.3	18.2
		50	24	17.3	17.3	17.3	0	17.4	17.7	17.6	17.6	1.3	18.2
		50	50	17.4	17.2	17.2	0	17.4	17.7	17.5	17.6	1.3	18.2
		100	0	17.3	17.2	17.3	0	17.4	17.6	17.6	17.6	1.3	18.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Tune-up Limit	20825	21100	21375	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15 MHz	QPSK	1	0	17.0	17.1	17.1	0	17.4	19.2	19.3	19.3	0	19.5
		1	37	17.2	17.1	17.2	0	17.4	19.4	19.4	19.3	0	19.5
		1	74	17.3	17.1	17.1	0	17.4	19.5	19.3	19.3	0	19.5
		36	0	17.2	17.2	17.2	0	17.4	19.3	19.4	19.4	0	19.5
		36	20	17.3	17.2	17.3	0	17.4	19.5	19.5	19.4	0	19.5
		36	39	17.2	17.2	17.2	0	17.4	19.4	19.4	19.3	0	19.5
		75	0	17.2	17.2	17.2	0	17.4	19.4	19.4	19.4	0	19.5
	16QAM	1	0	17.0	17.0	17.1	0	17.4	19.2	19.4	19.4	0	19.5
		1	37	17.2	17.1	17.2	0	17.4	19.5	19.5	19.5	0	19.5
		1	74	17.3	17.1	17.2	0	17.4	19.5	19.5	19.4	0	19.5
		36	0	17.2	17.2	17.3	0	17.4	19.2	19.3	19.2	0	19.5
		36	20	17.3	17.2	17.3	0	17.4	19.3	19.3	19.2	0	19.5
		36	39	17.3	17.2	17.3	0	17.4	19.3	19.2	19.1	0	19.5
		75	0	17.2	17.2	17.3	0	17.4	19.3	19.3	19.2	0	19.5
	64QAM	1	0	17.4	17.4	17.3	0	17.4	19.1	19.1	19.1	0	19.5
		1	37	17.4	17.4	17.4	0	17.4	19.3	19.1	19.2	0	19.5
		1	74	17.4	17.3	17.4	0	17.4	19.3	19.1	19.2	0	19.5
		36	0	17.4	17.3	17.3	0	17.4	19.1	19.0	19.0	0	19.5
		36	20	17.4	17.3	17.3	0	17.4	19.2	19.1	19.1	0	19.5
		36	39	17.4	17.3	17.3	0	17.4	19.2	19.0	19.1	0	19.5
		75	0	17.4	17.3	17.3	0	17.4	19.1	19.1	19.1	0	19.5
	256QAM	1	0	17.4	17.3	17.3	0	17.4	17.6	17.6	17.6	1.3	18.2
		1	37	17.4	17.3	17.3	0	17.4	17.7	17.6	17.7	1.3	18.2
		1	74	17.4	17.4	17.4	0	17.4	17.8	17.7	17.7	1.3	18.2
		36	0	17.3	17.2	17.2	0	17.4	17.6	17.5	17.6	1.3	18.2
		36	20	17.4	17.2	17.3	0	17.4	17.7	17.5	17.6	1.3	18.2
		36	39	17.4	17.3	17.3	0	17.4	17.7	17.5	17.6	1.3	18.2
		75	0	17.3	17.2	17.3	0	17.4	17.7	17.5	17.6	1.3	18.2

LTE Band 7 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20800	21100	21400	MPR	Tune-up Limit	20800	21100	21400	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10 MHz	QPSK	1	0	17.2	17.3	17.3	0	17.4	19.4	19.4	19.4	0	19.5
		1	25	17.4	17.3	17.4	0	17.4	19.5	19.4	19.4	0	19.5
		1	49	17.4	17.3	17.4	0	17.4	19.5	19.4	19.4	0	19.5
		25	0	17.3	17.4	17.4	0	17.4	19.5	19.4	19.4	0	19.5
		25	12	17.4	17.4	17.4	0	17.4	19.5	19.5	19.4	0	19.5
		25	25	17.4	17.4	17.4	0	17.4	19.5	19.4	19.3	0	19.5
		50	0	17.3	17.4	17.4	0	17.4	19.5	19.4	19.4	0	19.5
	16QAM	1	0	17.2	17.3	17.4	0	17.4	19.3	19.5	19.4	0	19.5
		1	25	17.3	17.3	17.4	0	17.4	19.3	19.4	19.4	0	19.5
		1	49	17.4	17.4	17.4	0	17.4	19.5	19.5	19.4	0	19.5
		25	0	17.4	17.4	17.4	0	17.4	19.3	19.4	19.3	0	19.5
		25	12	17.4	17.4	17.4	0	17.4	19.3	19.4	19.3	0	19.5
		25	25	17.4	17.4	17.4	0	17.4	19.4	19.3	19.2	0	19.5
		50	0	17.3	17.4	17.4	0	17.4	19.3	19.3	19.3	0	19.5
	64QAM	1	0	17.4	17.4	17.4	0	17.4	19.5	19.3	19.3	0	19.5
		1	25	17.4	17.4	17.4	0	17.4	19.5	19.3	19.4	0	19.5
		1	49	17.4	17.4	17.4	0	17.4	19.5	19.3	19.4	0	19.5
		25	0	17.4	17.4	17.4	0	17.4	19.3	19.2	19.2	0	19.5
		25	12	17.4	17.4	17.4	0	17.4	19.3	19.2	19.3	0	19.5
		25	25	17.4	17.4	17.4	0	17.4	19.3	19.2	19.2	0	19.5
		50	0	17.4	17.4	17.4	0	17.4	19.3	19.2	19.2	0	19.5
	256QAM	1	0	17.4	17.4	17.4	0	17.4	17.8	17.9	17.8	1.3	18.2
		1	25	17.4	17.4	17.4	0	17.4	18.0	17.9	17.9	1.3	18.2
		1	49	17.4	17.4	17.4	0	17.4	18.0	17.8	17.8	1.3	18.2
		25	0	17.4	17.4	17.4	0	17.4	17.8	17.7	17.7	1.3	18.2
		25	12	17.4	17.4	17.4	0	17.4	17.8	17.7	17.8	1.3	18.2
		25	25	17.4	17.4	17.4	0	17.4	17.8	17.7	17.7	1.3	18.2
		50	0	17.4	17.4	17.4	0	17.4	17.8	17.7	17.7	1.3	18.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Tune-up Limit	20775	21100	21425	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5 MHz	QPSK	1	0	17.2	17.2	17.3	0	17.4	19.4	19.4	19.3	0	19.5
		1	12	17.4	17.4	17.4	0	17.4	19.5	19.5	19.4	0	19.5
		1	24	17.3	17.3	17.4	0	17.4	19.5	19.4	19.3	0	19.5
		12	0	17.2	17.3	17.4	0	17.4	19.4	19.4	19.3	0	19.5
		12	7	17.3	17.4	17.4	0	17.4	19.5	19.4	19.4	0	19.5
		12	13	17.3	17.4	17.4	0	17.4	19.5	19.4	19.4	0	19.5
		25	0	17.3	17.3	17.4	0	17.4	19.5	19.4	19.4	0	19.5
	16QAM	1	0	17.2	17.3	17.4	0	17.4	19.3	19.4	19.5	0	19.5
		1	12	17.4	17.4	17.4	0	17.4	19.5	19.5	19.5	0	19.5
		1	24	17.3	17.4	17.4	0	17.4	19.4	19.4	19.5	0	19.5
		12	0	17.3	17.3	17.4	0	17.4	19.0	19.4	19.2	0	19.5
		12	7	17.4	17.4	17.4	0	17.4	19.1	19.5	19.3	0	19.5
		12	13	17.4	17.4	17.4	0	17.4	19.2	19.5	19.3	0	19.5
		25	0	17.3	17.3	17.4	0	17.4	19.1	19.4	19.3	0	19.5
	64QAM	1	0	17.4	17.4	17.4	0	17.4	19.3	19.3	19.3	0	19.5
		1	12	17.4	17.4	17.4	0	17.4	19.5	19.4	19.4	0	19.5
		1	24	17.4	17.4	17.4	0	17.4	19.4	19.4	19.4	0	19.5
		12	0	17.4	17.4	17.4	0	17.4	19.2	19.2	19.2	0	19.5
		12	7	17.4	17.4	17.4	0	17.4	19.3	19.3	19.3	0	19.5
		12	13	17.4	17.4	17.4	0	17.4	19.3	19.3	19.3	0	19.5
		25	0	17.4	17.4	17.4	0	17.4	19.3	19.2	19.3	0	19.5
	256QAM	1	0	17.4	17.4	17.4	0	17.4	17.7	17.7	17.8	1.3	18.2
		1	12	17.4	17.4	17.4	0	17.4	17.9	17.8	17.9	1.3	18.2
		1	24	17.4	17.4	17.4	0	17.4	17.9	17.7	17.8	1.3	18.2
		12	0	17.4	17.3	17.4	0	17.4	17.7	17.7	17.7	1.3	18.2
		12	7	17.4	17.4	17.4	0	17.4	17.8	17.7	17.8	1.3	18.2
		12	13	17.4	17.4	17.4	0	17.4	17.9	17.7	17.8	1.3	18.2
		25	0	17.4	17.4	17.4	0	17.4	17.8	17.7	17.7	1.3	18.2

LTE Band 12 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A(dBm)			Power Mode B (dBm)		
				23095	MPR	Tune-up Limit	23095	MPR	Tune-up Limit
				707.5 MHz			707.5 MHz		
10 MHz	QPSK	1	0	25.1	0	25.7	25.1	0	25.7
		1	25	25.2	0	25.7	25.2	0	25.7
		1	49	25.1	0	25.7	25.1	0	25.7
		25	0	24.1	1	24.7	24.1	1	24.7
		25	12	24.2	1	24.7	24.2	1	24.7
		25	25	24.2	1	24.7	24.2	1	24.7
		50	0	24.2	1	24.7	24.2	1	24.7
	16QAM	1	0	24.2	1	24.7	24.2	1	24.7
		1	25	24.2	1	24.7	24.2	1	24.7
		1	49	24.2	1	24.7	24.2	1	24.7
		25	0	23.1	2	23.7	23.1	2	23.7
		25	12	23.1	2	23.7	23.1	2	23.7
		25	25	23.2	2	23.7	23.2	2	23.7
		50	0	23.1	2	23.7	23.1	2	23.7
	64QAM	1	0	23.3	2	23.7	23.3	2	23.7
		1	25	23.3	2	23.7	23.3	2	23.7
		1	49	23.2	2	23.7	23.2	2	23.7
		25	0	22.0	3	22.7	22.0	3	22.7
		25	12	22.0	3	22.7	22.0	3	22.7
		25	25	22.0	3	22.7	22.0	3	22.7
		50	0	22.0	3	22.7	22.0	3	22.7
	256QAM	1	0	20.0	5	20.7	20.0	5	20.7
		1	25	20.2	5	20.7	20.2	5	20.7
		1	49	20.2	5	20.7	20.2	5	20.7
		25	0	20.0	5	20.7	20.0	5	20.7
		25	12	20.0	5	20.7	20.0	5	20.7
		25	25	20.1	5	20.7	20.1	5	20.7
		50	0	20.0	5	20.7	20.0	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23035	23095	23155	MPR	Tune-up Limit	23035	23095	23155	MPR	Tune-up Limit
				701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5 MHz	QPSK	1	0	24.9	25.1	25.1	0	25.7	24.9	25.1	25.1	0	25.7
		1	12	25.1	25.2	25.2	0	25.7	25.1	25.2	25.2	0	25.7
		1	24	25.0	25.2	25.1	0	25.7	25.0	25.2	25.1	0	25.7
		12	0	23.9	24.1	24.1	1	24.7	23.9	24.1	24.1	1	24.7
		12	7	24.0	24.2	24.1	1	24.7	24.0	24.2	24.1	1	24.7
		12	13	24.0	24.1	24.1	1	24.7	24.0	24.1	24.1	1	24.7
		25	0	24.0	24.1	24.2	1	24.7	24.0	24.1	24.2	1	24.7
	16QAM	1	0	24.2	24.2	24.2	1	24.7	24.2	24.2	24.2	1	24.7
		1	12	24.2	24.2	24.2	1	24.7	24.2	24.2	24.2	1	24.7
		1	24	24.2	24.2	24.2	1	24.7	24.2	24.2	24.2	1	24.7
		12	0	23.1	23.1	23.3	2	23.7	23.1	23.1	23.3	2	23.7
		12	7	23.2	23.2	23.3	2	23.7	23.2	23.2	23.3	2	23.7
		12	13	23.1	23.2	23.3	2	23.7	23.1	23.2	23.3	2	23.7
		25	0	23.0	23.1	23.2	2	23.7	23.0	23.1	23.2	2	23.7
	64QAM	1	0	23.0	23.2	23.2	2	23.7	23.0	23.2	23.2	2	23.7
		1	12	23.1	23.3	23.3	2	23.7	23.1	23.3	23.3	2	23.7
		1	24	23.0	23.2	23.2	2	23.7	23.0	23.2	23.2	2	23.7
		12	0	21.9	22.0	22.0	3	22.7	21.9	22.0	22.0	3	22.7
		12	7	22.0	22.1	22.0	3	22.7	22.0	22.1	22.0	3	22.7
		12	13	21.9	22.0	22.1	3	22.7	21.9	22.0	22.1	3	22.7
		25	0	21.9	22.1	22.0	3	22.7	21.9	22.1	22.0	3	22.7
	256QAM	1	0	20.0	20.0	20.2	5	20.7	20.0	20.0	20.2	5	20.7
		1	12	20.1	20.2	20.4	5	20.7	20.1	20.2	20.4	5	20.7
		1	24	20.0	20.1	20.3	5	20.7	20.0	20.1	20.3	5	20.7
		12	0	19.9	20.0	20.1	5	20.7	19.9	20.0	20.1	5	20.7
		12	7	20.0	20.1	20.1	5	20.7	20.0	20.1	20.1	5	20.7
		12	13	20.0	20.1	20.1	5	20.7	20.0	20.1	20.1	5	20.7
		25	0	20.0	20.1	20.0	5	20.7	20.0	20.1	20.0	5	20.7

LTE Band 12 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				23025	23095	23165			23025	23095	23165		
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3 MHz	QPSK	1	0	25.0	25.1	25.1	0	25.7	25.0	25.1	25.1	0	25.7
		1	8	25.0	25.2	25.2	0	25.7	25.0	25.2	25.2	0	25.7
		1	14	24.9	25.0	25.0	0	25.7	24.9	25.0	25.0	0	25.7
		8	0	24.0	24.1	24.1	1	24.7	24.0	24.1	24.1	1	24.7
		8	4	24.1	24.2	24.1	1	24.7	24.1	24.2	24.1	1	24.7
		8	7	24.0	24.2	24.2	1	24.7	24.0	24.2	24.2	1	24.7
		15	0	24.0	24.1	24.1	1	24.7	24.0	24.1	24.1	1	24.7
	16QAM	1	0	24.0	24.2	24.2	1	24.7	24.0	24.2	24.2	1	24.7
		1	8	24.1	24.2	24.2	1	24.7	24.1	24.2	24.2	1	24.7
		1	14	24.0	24.2	24.1	1	24.7	24.0	24.2	24.1	1	24.7
		8	0	23.0	23.2	23.2	2	23.7	23.0	23.2	23.2	2	23.7
		8	4	23.1	23.2	23.2	2	23.7	23.1	23.2	23.2	2	23.7
		8	7	23.1	23.2	23.2	2	23.7	23.1	23.2	23.2	2	23.7
		15	0	23.0	23.2	23.1	2	23.7	23.0	23.2	23.1	2	23.7
	64QAM	1	0	23.1	23.1	23.1	2	23.7	23.1	23.1	23.1	2	23.7
		1	8	23.2	23.3	23.3	2	23.7	23.2	23.3	23.3	2	23.7
		1	14	23.1	23.1	23.1	2	23.7	23.1	23.1	23.1	2	23.7
		8	0	21.9	22.0	22.0	3	22.7	21.9	22.0	22.0	3	22.7
		8	4	22.0	22.1	22.1	3	22.7	22.0	22.1	22.1	3	22.7
		8	7	22.0	22.1	22.1	3	22.7	22.0	22.1	22.1	3	22.7
		15	0	21.9	22.0	22.1	3	22.7	21.9	22.0	22.1	3	22.7
	256QAM	1	0	19.9	20.1	20.2	5	20.7	19.9	20.1	20.2	5	20.7
		1	8	20.1	20.3	20.3	5	20.7	20.1	20.3	20.3	5	20.7
		1	14	20.0	20.1	20.1	5	20.7	20.0	20.1	20.1	5	20.7
		8	0	19.9	20.0	20.0	5	20.7	19.9	20.0	20.0	5	20.7
		8	4	20.0	20.1	20.1	5	20.7	20.0	20.1	20.1	5	20.7
		8	7	20.0	20.1	20.1	5	20.7	20.0	20.1	20.1	5	20.7
		15	0	19.9	20.1	20.1	5	20.7	19.9	20.1	20.1	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				23017	23095	23173			23017	23095	23173		
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4 MHz	QPSK	1	0	25.0	25.2	25.1	0	25.7	25.0	25.2	25.1	0	25.7
		1	3	25.0	25.2	25.2	0	25.7	25.0	25.2	25.2	0	25.7
		1	5	25.0	25.1	25.1	0	25.7	25.0	25.1	25.1	0	25.7
		3	0	25.0	25.2	25.1	0	25.7	25.0	25.2	25.1	0	25.7
		3	1	25.0	25.2	25.1	0	25.7	25.0	25.2	25.1	0	25.7
		3	3	25.0	25.2	25.1	0	25.7	25.0	25.2	25.1	0	25.7
		6	0	24.0	24.1	24.1	1	24.7	24.0	24.1	24.1	1	24.7
	16QAM	1	0	24.0	24.2	24.2	1	24.7	24.0	24.2	24.2	1	24.7
		1	3	23.9	24.2	24.2	1	24.7	23.9	24.2	24.2	1	24.7
		1	5	23.9	24.2	24.2	1	24.7	23.9	24.2	24.2	1	24.7
		3	0	24.2	24.3	24.3	1	24.7	24.2	24.3	24.3	1	24.7
		3	1	24.2	24.4	24.4	1	24.7	24.2	24.4	24.4	1	24.7
		3	3	24.2	24.3	24.3	1	24.7	24.2	24.3	24.3	1	24.7
		6	0	23.0	23.2	23.2	2	23.7	23.0	23.2	23.2	2	23.7
	64QAM	1	0	22.9	23.2	23.3	2	23.7	22.9	23.2	23.3	2	23.7
		1	3	23.0	23.2	23.3	2	23.7	23.0	23.2	23.3	2	23.7
		1	5	22.9	23.1	23.2	2	23.7	22.9	23.1	23.2	2	23.7
		3	0	22.9	23.1	23.1	2	23.7	22.9	23.1	23.1	2	23.7
		3	1	23.0	23.1	23.1	2	23.7	23.0	23.1	23.1	2	23.7
		3	3	23.0	23.1	23.1	2	23.7	23.0	23.1	23.1	2	23.7
		6	0	21.9	22.1	22.0	3	22.7	21.9	22.1	22.0	3	22.7
	256QAM	1	0	20.0	20.0	20.1	5	20.7	20.0	20.0	20.1	5	20.7
		1	3	20.0	20.1	20.2	5	20.7	20.0	20.1	20.2	5	20.7
		1	5	20.0	20.1	20.1	5	20.7	20.0	20.1	20.1	5	20.7
		3	0	19.9	20.0	20.1	5	20.7	19.9	20.0	20.1	5	20.7
		3	1	19.9	20.1	20.1	5	20.7	19.9	20.1	20.1	5	20.7
		3	3	19.9	20.1	20.1	5	20.7	19.9	20.1	20.1	5	20.7
		6	0	20.0	20.0	20.1	5	20.7	20.0	20.0	20.1	5	20.7

LTE Band 12 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)				
				[redacted]	23095	[redacted]	MPR	Tune-up Limit	[redacted]	23095	[redacted]	MPR	Tune-up Limit
					707.5 MHz					707.5 MHz			
10 MHz	QPSK	1	0		22.9		0	23.4		24.1		0	24.7
		1	25		22.9		0	23.4		24.2		0	24.7
		1	49		22.9		0	23.4		24.2		0	24.7
		25	0		22.8		0	23.4		23.1		1	23.7
		25	12		22.9		0	23.4		23.2		1	23.7
		25	25		22.9		0	23.4		23.2		1	23.7
		50	0		22.9		0	23.4		23.2		1	23.7
	16QAM	1	0		22.9		0	23.4		23.2		1	23.7
		1	25		22.9		0	23.4		23.2		1	23.7
		1	49		22.9		0	23.4		23.2		1	23.7
		25	0		22.2		0.7	22.7		22.2		2	22.7
		25	12		22.2		0.7	22.7		22.2		2	22.7
		25	25		22.2		0.7	22.7		22.2		2	22.7
		50	0		22.2		0.7	22.7		22.2		2	22.7
	64QAM	1	0		22.1		0.7	22.7		22.3		2	22.7
		1	25		22.1		0.7	22.7		22.3		2	22.7
		1	49		22.1		0.7	22.7		22.3		2	22.7
		25	0		20.9		1.7	21.7		21.0		3	21.7
		25	12		20.9		1.7	21.7		21.1		3	21.7
		25	25		20.8		1.7	21.7		21.0		3	21.7
		50	0		20.9		1.7	21.7		21.0		3	21.7
	256QAM	1	0		18.9		3.7	19.7		19.1		5	19.7
		1	25		19.0		3.7	19.7		19.2		5	19.7
		1	49		19.0		3.7	19.7		19.3		5	19.7
		25	0		18.8		3.7	19.7		19.0		5	19.7
		25	12		18.9		3.7	19.7		19.1		5	19.7
		25	25		18.9		3.7	19.7		19.0		5	19.7
		50	0		18.9		3.7	19.7		19.1		5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23035	23095	23155	MPR	Tune-up Limit	23035	23095	23155	MPR	Tune-up Limit
				701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5 MHz	QPSK	1	0	22.6	22.6	22.7	0	23.4	24.0	24.0	24.1	0	24.7
		1	12	22.7	22.7	22.7	0	23.4	24.1	24.1	24.2	0	24.7
		1	24	22.6	22.6	22.6	0	23.4	24.0	24.0	24.1	0	24.7
		12	0	22.6	22.6	22.6	0	23.4	23.0	23.0	23.1	1	23.7
		12	7	22.7	22.6	22.6	0	23.4	23.1	23.1	23.1	1	23.7
		12	13	22.6	22.6	22.7	0	23.4	23.0	23.0	23.1	1	23.7
		25	0	22.7	22.6	22.6	0	23.4	23.0	23.1	23.0	1	23.7
	16QAM	1	0	22.8	22.7	22.9	0	23.4	23.1	23.1	23.1	1	23.7
		1	12	22.9	22.8	22.9	0	23.4	23.2	23.2	23.1	1	23.7
		1	24	22.8	22.7	22.9	0	23.4	23.1	23.1	23.2	1	23.7
		12	0	21.9	22.0	22.0	0.7	22.7	22.1	22.0	22.2	2	22.7
		12	7	22.0	22.0	22.0	0.7	22.7	22.1	22.1	22.2	2	22.7
		12	13	21.9	22.0	22.0	0.7	22.7	22.1	22.0	22.2	2	22.7
		25	0	22.0	21.9	22.0	0.7	22.7	22.1	22.1	22.1	2	22.7
	64QAM	1	0	21.8	21.7	21.8	0.7	22.7	21.9	22.0	22.1	2	22.7
		1	12	21.8	21.7	21.8	0.7	22.7	22.0	22.1	22.1	2	22.7
		1	24	21.7	21.8	21.6	0.7	22.7	21.9	22.0	22.0	2	22.7
		12	0	20.6	20.6	20.5	1.7	21.7	20.9	20.9	20.9	3	21.7
		12	7	20.7	20.7	20.6	1.7	21.7	20.9	20.9	20.9	3	21.7
		12	13	20.6	20.6	20.6	1.7	21.7	20.9	20.8	20.9	3	21.7
		25	0	20.6	20.6	20.6	1.7	21.7	20.9	20.9	20.9	3	21.7
	256QAM	1	0	18.6	18.7	18.6	3.7	19.7	18.9	18.9	19.0	5	19.7
		1	12	18.8	18.7	18.8	3.7	19.7	19.0	19.0	19.2	5	19.7
		1	24	18.7	18.6	18.7	3.7	19.7	19.0	18.9	19.1	5	19.7
		12	0	18.6	18.5	18.6	3.7	19.7	18.9	18.8	18.9	5	19.7
		12	7	18.7	18.6	18.6	3.7	19.7	19.0	18.9	18.9	5	19.7
		12	13	18.6	18.5	18.6	3.7	19.7	18.9	18.9	18.9	5	19.7
		25	0	18.6	18.6	18.6	3.7	19.7	18.9	18.9	18.9	5	19.7

LTE Band 12 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				23025	23095	23165			23025	23095	23165		
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3 MHz	QPSK	1	0	22.8	22.8	22.8	0	23.4	24.0	24.0	24.1	0	24.7
		1	8	22.9	22.9	22.9	0	23.4	24.1	24.1	24.2	0	24.7
		1	14	22.7	22.7	22.8	0	23.4	23.9	23.9	24.0	0	24.7
		8	0	22.8	22.8	22.9	0	23.4	23.0	23.0	23.1	1	23.7
		8	4	22.9	22.9	23.0	0	23.4	23.0	23.1	23.2	1	23.7
		8	7	22.9	22.9	23.0	0	23.4	23.0	23.0	23.1	1	23.7
		15	0	22.8	22.9	22.9	0	23.4	23.0	23.0	23.1	1	23.7
	16QAM	1	0	22.9	22.9	22.9	0	23.4	23.1	23.2	23.0	1	23.7
		1	8	22.8	22.8	22.8	0	23.4	23.2	23.1	23.1	1	23.7
		1	14	22.9	22.8	22.9	0	23.4	23.0	23.2	23.2	1	23.7
		8	0	22.2	22.2	22.3	0.7	22.7	22.0	22.1	22.1	2	22.7
		8	4	22.3	22.3	22.4	0.7	22.7	22.1	22.1	22.1	2	22.7
		8	7	22.2	22.2	22.3	0.7	22.7	22.1	22.1	22.1	2	22.7
		15	0	22.2	22.2	22.3	0.7	22.7	22.0	22.1	22.2	2	22.7
	64QAM	1	0	22.2	21.9	22.0	0.7	22.7	22.0	22.0	22.0	2	22.7
		1	8	22.2	21.9	22.1	0.7	22.7	22.1	22.0	22.2	2	22.7
		1	14	22.1	21.8	22.0	0.7	22.7	22.0	21.9	22.0	2	22.7
		8	0	20.9	20.9	20.8	1.7	21.7	21.0	20.9	20.9	3	21.7
		8	4	20.9	20.9	20.8	1.7	21.7	21.0	20.9	20.9	3	21.7
		8	7	20.9	20.9	20.9	1.7	21.7	20.9	20.9	20.9	3	21.7
		15	0	20.9	20.8	20.8	1.7	21.7	20.9	20.9	20.8	3	21.7
	256QAM	1	0	18.9	18.9	18.9	3.7	19.7	18.9	18.9	19.0	5	19.7
		1	8	19.0	19.0	19.1	3.7	19.7	19.0	19.0	19.0	5	19.7
		1	14	18.9	18.9	18.9	3.7	19.7	18.9	18.9	19.0	5	19.7
		8	0	18.9	18.9	18.8	3.7	19.7	18.9	18.9	18.9	5	19.7
		8	4	18.9	18.9	18.8	3.7	19.7	18.9	18.9	18.9	5	19.7
		8	7	18.9	18.8	18.9	3.7	19.7	18.9	18.9	18.9	5	19.7
		15	0	18.9	18.8	18.8	3.7	19.7	18.9	18.8	18.8	5	19.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				23017	23095	23173			23017	23095	23173		
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4 MHz	QPSK	1	0	22.6	22.6	22.7	0	23.4	24.0	24.1	24.1	0	24.7
		1	3	22.6	22.7	22.7	0	23.4	24.1	24.1	24.2	0	24.7
		1	5	22.5	22.6	22.7	0	23.4	24.0	24.0	24.1	0	24.7
		3	0	22.6	22.6	22.7	0	23.4	24.0	24.1	24.1	0	24.7
		3	1	22.6	22.6	22.7	0	23.4	24.0	24.1	24.1	0	24.7
		3	3	22.6	22.6	22.6	0	23.4	24.0	24.0	24.1	0	24.7
		6	0	22.6	22.6	22.7	0	23.4	23.0	23.0	23.1	1	23.7
	16QAM	1	0	22.7	22.8	22.8	0	23.4	23.1	23.0	23.2	1	23.7
		1	3	22.8	22.8	22.9	0	23.4	23.1	23.1	23.2	1	23.7
		1	5	22.8	22.9	22.8	0	23.4	23.0	22.9	23.2	1	23.7
		3	0	22.7	22.8	22.9	0	23.4	22.9	22.9	23.0	1	23.7
		3	1	22.7	22.8	22.9	0	23.4	23.2	22.6	22.7	1	23.7
		3	3	22.7	22.8	22.9	0	23.4	23.2	23.0	23.0	1	23.7
		6	0	21.9	21.9	22.1	0.7	22.7	22.1	22.1	22.1	2	22.7
	64QAM	1	0	22.2	22.0	22.0	0.7	22.7	22.1	22.1	22.1	2	22.7
		1	3	22.2	22.1	22.0	0.7	22.7	22.1	22.1	22.1	2	22.7
		1	5	22.1	22.0	21.9	0.7	22.7	21.9	22.0	22.0	2	22.7
		3	0	22.0	22.0	21.9	0.7	22.7	22.0	21.9	22.0	2	22.7
		3	1	21.9	21.9	21.9	0.7	22.7	22.0	21.9	22.0	2	22.7
		3	3	21.9	21.9	21.9	0.7	22.7	21.9	21.9	22.0	2	22.7
		6	0	20.9	20.9	20.8	1.7	21.7	20.9	20.9	20.8	3	21.7
	256QAM	1	0	19.0	18.9	18.9	3.7	19.7	19.0	19.0	19.0	5	19.7
		1	3	19.1	19.0	18.9	3.7	19.7	19.0	19.0	19.0	5	19.7
		1	5	19.0	18.9	18.9	3.7	19.7	18.9	18.9	19.0	5	19.7
		3	0	19.0	18.9	18.8	3.7	19.7	19.0	18.9	18.9	5	19.7
		3	1	19.0	18.9	18.8	3.7	19.7	18.9	18.8	18.9	5	19.7
		3	3	19.0	18.9	18.8	3.7	19.7	18.9	18.8	18.9	5	19.7
		6	0	18.8	18.8	18.6	3.7	19.7	18.9	18.7	18.7	5	19.7

LTE Band 13 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Tune-up Limit	23230	MPR	Tune-up Limit
				782 MHz			782 MHz		
10 MHz	QPSK	1	0	25.0	0	25.7	25.0	0	25.7
		1	25	25.1	0	25.7	25.1	0	25.7
		1	49	24.8	0	25.7	24.8	0	25.7
		25	0	23.9	1	24.7	23.9	1	24.7
		25	12	24.3	1	24.7	24.3	1	24.7
		25	25	23.9	1	24.7	23.9	1	24.7
		50	0	23.9	1	24.7	23.9	1	24.7
	16QAM	1	0	24.2	1	24.7	24.2	1	24.7
		1	25	24.2	1	24.7	24.2	1	24.7
		1	49	24.1	1	24.7	24.1	1	24.7
		25	0	23.0	2	23.7	23.0	2	23.7
		25	12	23.0	2	23.7	23.0	2	23.7
		25	25	22.9	2	23.7	22.9	2	23.7
		50	0	22.9	2	23.7	22.9	2	23.7
	64QAM	1	0	22.9	2	23.7	22.9	2	23.7
		1	25	23.0	2	23.7	23.0	2	23.7
		1	49	22.8	2	23.7	22.8	2	23.7
		25	0	21.8	3	22.7	21.8	3	22.7
		25	12	21.8	3	22.7	21.8	3	22.7
		25	25	21.7	3	22.7	21.7	3	22.7
		50	0	21.8	3	22.7	21.8	3	22.7
	256QAM	1	0	19.8	5	20.7	19.8	5	20.7
		1	25	20.0	5	20.7	20.0	5	20.7
		1	49	19.7	5	20.7	19.7	5	20.7
		25	0	19.8	5	20.7	19.8	5	20.7
		25	12	19.8	5	20.7	19.8	5	20.7
		25	25	19.7	5	20.7	19.7	5	20.7
		50	0	19.8	5	20.7	19.8	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Tune-up Limit	23230	MPR	Tune-up Limit
				782 MHz			782 MHz		
5 MHz	QPSK	1	0	24.9	0	25.7	24.9	0	25.7
		1	12	25.0	0	25.7	25.0	0	25.7
		1	24	24.8	0	25.7	24.8	0	25.7
		12	0	23.9	1	24.7	23.9	1	24.7
		12	7	23.9	1	24.7	23.9	1	24.7
		12	13	23.8	1	24.7	23.8	1	24.7
		25	0	23.9	1	24.7	23.9	1	24.7
	16QAM	1	0	24.3	1	24.7	24.3	1	24.7
		1	12	24.3	1	24.7	24.3	1	24.7
		1	24	24.2	1	24.7	24.2	1	24.7
		12	0	22.9	2	23.7	22.9	2	23.7
		12	7	22.9	2	23.7	22.9	2	23.7
		12	13	22.8	2	23.7	22.8	2	23.7
		25	0	22.9	2	23.7	22.9	2	23.7
	64QAM	1	0	23.0	2	23.7	23.0	2	23.7
		1	12	23.1	2	23.7	23.1	2	23.7
		1	24	22.9	2	23.7	22.9	2	23.7
		12	0	21.8	3	22.7	21.8	3	22.7
		12	7	21.9	3	22.7	21.9	3	22.7
		12	13	21.8	3	22.7	21.8	3	22.7
		25	0	21.8	3	22.7	21.8	3	22.7
	256QAM	1	0	19.9	5	20.7	19.9	5	20.7
		1	12	20.0	5	20.7	20.0	5	20.7
		1	24	19.8	5	20.7	19.8	5	20.7
		12	0	19.8	5	20.7	19.8	5	20.7
		12	7	19.8	5	20.7	19.8	5	20.7
		12	13	19.8	5	20.7	19.8	5	20.7
		25	0	19.8	5	20.7	19.8	5	20.7

LTE Band 13 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230 / 782 MHz	MPR	Tune-up Limit	23230 / 782 MHz	MPR	Tune-up Limit
10 MHz	QPSK	1	0	23.9	0	23.8	23.9	0	24.7
		1	25	23.9	0	23.8	23.9	0	24.7
		1	49	23.8	0	23.8	23.8	0	24.7
		25	0	23.4	0.1	23.7	23.4	1	23.7
		25	12	23.5	0.1	23.7	23.5	1	23.7
		25	25	23.4	0.1	23.7	23.4	1	23.7
		50	0	23.5	0.1	23.7	23.5	1	23.7
	16QAM	1	0	23.5	0.1	23.7	23.5	1	23.7
		1	25	23.5	0.1	23.7	23.5	1	23.7
		1	49	23.5	0.1	23.7	23.5	1	23.7
		25	0	22.5	1.1	22.7	22.5	2	22.7
		25	12	22.5	1.1	22.7	22.5	2	22.7
		25	25	22.5	1.1	22.7	22.5	2	22.7
		50	0	22.5	1.1	22.7	22.5	2	22.7
	64QAM	1	0	22.2	1.1	22.7	22.2	2	22.7
		1	25	22.2	1.1	22.7	22.2	2	22.7
		1	49	22.2	1.1	22.7	22.2	2	22.7
		25	0	21.0	2.1	21.7	21.0	3	21.7
		25	12	21.0	2.1	21.7	21.0	3	21.7
		25	25	20.9	2.1	21.7	20.9	3	21.7
		50	0	21.0	2.1	21.7	21.0	3	21.7
	256QAM	1	0	19.2	4.1	19.7	19.2	5	19.7
		1	25	19.1	4.1	19.7	19.1	5	19.7
		1	49	19.1	4.1	19.7	19.1	5	19.7
		25	0	19.0	4.1	19.7	19.0	5	19.7
		25	12	18.9	4.1	19.7	18.9	5	19.7
		25	25	18.9	4.1	19.7	18.9	5	19.7
		50	0	19.0	4.1	19.7	19.0	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230 / 782 MHz	MPR	Tune-up Limit	23230 / 782 MHz	MPR	Tune-up Limit
5 MHz	QPSK	1	0	23.9	0	23.8	23.9	0	24.7
		1	12	23.8	0	23.8	23.8	0	24.7
		1	24	23.8	0	23.8	23.8	0	24.7
		12	0	23.4	0.1	23.7	23.4	1	23.7
		12	7	23.5	0.1	23.7	23.5	1	23.7
		12	13	23.4	0.1	23.7	23.4	1	23.7
		25	0	23.5	0.1	23.7	23.5	1	23.7
	16QAM	1	0	23.5	0.1	23.7	23.5	1	23.7
		1	12	23.5	0.1	23.7	23.5	1	23.7
		1	24	23.5	0.1	23.7	23.5	1	23.7
		12	0	22.5	1.1	22.7	22.5	2	22.7
		12	7	22.5	1.1	22.7	22.5	2	22.7
		12	13	22.5	1.1	22.7	22.5	2	22.7
		25	0	22.5	1.1	22.7	22.5	2	22.7
	64QAM	1	0	22.1	1.1	22.7	22.1	2	22.7
		1	12	22.1	1.1	22.7	22.1	2	22.7
		1	24	22.1	1.1	22.7	22.1	2	22.7
		12	0	21.0	2.1	21.7	21.0	3	21.7
		12	7	21.0	2.1	21.7	21.0	3	21.7
		12	13	21.0	2.1	21.7	21.0	3	21.7
		25	0	21.0	2.1	21.7	21.0	3	21.7
	256QAM	1	0	19.1	4.1	19.7	19.1	5	19.7
		1	12	19.1	4.1	19.7	19.1	5	19.7
		1	24	19.0	4.1	19.7	19.0	5	19.7
		12	0	19.0	4.1	19.7	19.0	5	19.7
		12	7	19.0	4.1	19.7	19.0	5	19.7
		12	13	19.0	4.1	19.7	19.0	5	19.7
		25	0	19.0	4.1	19.7	19.0	5	19.7

LTE Band 14 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Tune-up Limit	23330	MPR	Tune-up Limit
				793 MHz			793 MHz		
10 MHz	QPSK	1	0	25.3	0	25.7	25.3	0	25.7
		1	25	25.3	0	25.7	25.3	0	25.7
		1	49	25.1	0	25.7	25.1	0	25.7
		25	0	24.3	1	24.7	24.3	1	24.7
		25	12	24.3	1	24.7	24.3	1	24.7
		25	25	24.1	1	24.7	24.1	1	24.7
		50	0	24.2	1	24.7	24.2	1	24.7
	16QAM	1	0	24.4	1	24.7	24.4	1	24.7
		1	25	24.4	1	24.7	24.4	1	24.7
		1	49	24.2	1	24.7	24.2	1	24.7
		25	0	23.4	2	23.7	23.4	2	23.7
		25	12	23.3	2	23.7	23.3	2	23.7
		25	25	23.2	2	23.7	23.2	2	23.7
		50	0	23.3	2	23.7	23.3	2	23.7
	64QAM	1	0	23.3	2	23.7	23.3	2	23.7
		1	25	23.3	2	23.7	23.3	2	23.7
		1	49	23.3	2	23.7	23.3	2	23.7
		25	0	22.1	3	22.7	22.1	3	22.7
		25	12	22.1	3	22.7	22.1	3	22.7
		25	25	22.0	3	22.7	22.0	3	22.7
		50	0	22.1	3	22.7	22.1	3	22.7
	256QAM	1	0	20.1	5	20.7	20.1	5	20.7
		1	25	20.2	5	20.7	20.2	5	20.7
		1	49	20.2	5	20.7	20.2	5	20.7
		25	0	20.1	5	20.7	20.1	5	20.7
		25	12	20.1	5	20.7	20.1	5	20.7
		25	25	20.1	5	20.7	20.1	5	20.7
		50	0	20.1	5	20.7	20.1	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Tune-up Limit	23330	MPR	Tune-up Limit
				793 MHz			793 MHz		
5 MHz	QPSK	1	0	25.3	0	25.7	25.3	0	25.7
		1	12	25.2	0	25.7	25.2	0	25.7
		1	24	25.1	0	25.7	25.1	0	25.7
		12	0	24.3	1	24.7	24.3	1	24.7
		12	7	24.2	1	24.7	24.2	1	24.7
		12	13	24.2	1	24.7	24.2	1	24.7
		25	0	24.2	1	24.7	24.2	1	24.7
	16QAM	1	0	24.3	1	24.7	24.3	1	24.7
		1	12	24.2	1	24.7	24.2	1	24.7
		1	24	24.1	1	24.7	24.1	1	24.7
		12	0	23.3	2	23.7	23.3	2	23.7
		12	7	23.3	2	23.7	23.3	2	23.7
		12	13	23.2	2	23.7	23.2	2	23.7
		25	0	23.2	2	23.7	23.2	2	23.7
	64QAM	1	0	23.4	2	23.7	23.4	2	23.7
		1	12	23.4	2	23.7	23.4	2	23.7
		1	24	23.3	2	23.7	23.3	2	23.7
		12	0	22.2	3	22.7	22.2	3	22.7
		12	7	22.2	3	22.7	22.2	3	22.7
		12	13	22.1	3	22.7	22.1	3	22.7
		25	0	22.2	3	22.7	22.2	3	22.7
	256QAM	1	0	20.2	5	20.7	20.2	5	20.7
		1	12	20.3	5	20.7	20.3	5	20.7
		1	24	20.2	5	20.7	20.2	5	20.7
		12	0	20.2	5	20.7	20.2	5	20.7
		12	7	20.2	5	20.7	20.2	5	20.7
		12	13	20.1	5	20.7	20.1	5	20.7
		25	0	20.1	5	20.7	20.1	5	20.7

LTE Band 14 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Tune-up Limit	23330	MPR	Tune-up Limit
				793 MHz			793 MHz		
10 MHz	QPSK	1	0	23.6	0	23.8	23.6	0	24.7
		1	25	23.7	0	23.8	23.7	0	24.7
		1	49	23.7	0	23.8	23.7	0	24.7
		25	0	23.4	0.1	23.7	23.4	1	23.7
		25	12	23.4	0.1	23.7	23.4	1	23.7
		25	25	23.3	0.1	23.7	23.3	1	23.7
		50	0	23.4	0.1	23.7	23.4	1	23.7
	16QAM	1	0	23.4	0.1	23.7	23.4	1	23.7
		1	25	23.4	0.1	23.7	23.4	1	23.7
		1	49	23.3	0.1	23.7	23.3	1	23.7
		25	0	22.4	1.1	22.7	22.4	2	22.7
		25	12	22.4	1.1	22.7	22.4	2	22.7
		25	25	22.3	1.1	22.7	22.3	2	22.7
		50	0	22.4	1.1	22.7	22.4	2	22.7
	64QAM	1	0	22.5	1.1	22.7	22.5	2	22.7
		1	25	22.3	1.1	22.7	22.3	2	22.7
		1	49	22.1	1.1	22.7	22.1	2	22.7
		25	0	21.2	2.1	21.7	21.2	3	21.7
		25	12	21.2	2.1	21.7	21.2	3	21.7
		25	25	21.0	2.1	21.7	21.0	3	21.7
		50	0	21.1	2.1	21.7	21.1	3	21.7
	256QAM	1	0	19.3	4.1	19.7	19.3	5	19.7
		1	25	19.3	4.1	19.7	19.3	5	19.7
		1	49	19.0	4.1	19.7	19.0	5	19.7
		25	0	19.2	4.1	19.7	19.2	5	19.7
		25	12	19.2	4.1	19.7	19.2	5	19.7
		25	25	19.0	4.1	19.7	19.0	5	19.7
		50	0	19.1	4.1	19.7	19.1	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Tune-up Limit	23330	MPR	Tune-up Limit
				793 MHz			793 MHz		
5 MHz	QPSK	1	0	23.6	0	23.8	23.6	0	24.7
		1	12	23.6	0	23.8	23.6	0	24.7
		1	24	23.7	0	23.8	23.7	0	24.7
		12	0	23.4	0.1	23.7	23.4	1	23.7
		12	7	23.4	0.1	23.7	23.4	1	23.7
		12	13	23.3	0.1	23.7	23.3	1	23.7
		25	0	23.3	0.1	23.7	23.3	1	23.7
	16QAM	1	0	23.4	0.1	23.7	23.4	1	23.7
		1	12	23.4	0.1	23.7	23.4	1	23.7
		1	24	23.4	0.1	23.7	23.4	1	23.7
		12	0	22.5	1.1	22.7	22.5	2	22.7
		12	7	22.5	1.1	22.7	22.5	2	22.7
		12	13	22.4	1.1	22.7	22.4	2	22.7
		25	0	22.3	1.1	22.7	22.3	2	22.7
	64QAM	1	0	22.5	1.1	22.7	22.5	2	22.7
		1	12	22.4	1.1	22.7	22.4	2	22.7
		1	24	22.2	1.1	22.7	22.2	2	22.7
		12	0	21.3	2.1	21.7	21.3	3	21.7
		12	7	21.3	2.1	21.7	21.3	3	21.7
		12	13	21.1	2.1	21.7	21.1	3	21.7
		25	0	21.1	2.1	21.7	21.1	3	21.7
	256QAM	1	0	19.3	4.1	19.7	19.3	5	19.7
		1	12	19.4	4.1	19.7	19.4	5	19.7
		1	24	19.1	4.1	19.7	19.1	5	19.7
		12	0	19.3	4.1	19.7	19.3	5	19.7
		12	7	19.3	4.1	19.7	19.3	5	19.7
		12	13	19.1	4.1	19.7	19.1	5	19.7
		25	0	19.1	4.1	19.7	19.1	5	19.7

LTE Band 25 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26140	26365	26590	MPR	Tune-up Limit	26140	26365	26590	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20 MHz	QPSK	1	0	24.6	24.7	24.7	0	25.3	17.0	17.0	17.0	0	17.7
		1	49	24.7	24.8	24.8	0	25.3	17.0	17.2	17.1	0	17.7
		1	99	24.7	24.7	24.7	0	25.3	16.9	16.9	16.9	0	17.7
		50	0	24.1	24.2	24.1	0.6	24.7	17.0	17.0	17.0	0	17.7
		50	24	24.2	24.2	24.2	0.6	24.7	17.1	17.2	17.1	0	17.7
		50	50	24.1	24.2	24.2	0.6	24.7	17.0	17.0	17.1	0	17.7
		100	0	24.1	24.2	24.1	0.6	24.7	17.0	17.1	17.0	0	17.7
	16QAM	1	0	23.8	23.8	24.2	0.6	24.7	17.0	16.9	17.1	0	17.7
		1	49	23.6	24.2	24.2	0.6	24.7	17.1	17.1	17.1	0	17.7
		1	99	23.6	24.2	24.2	0.6	24.7	17.0	16.8	17.0	0	17.7
		50	0	23.1	23.1	23.1	1.6	23.7	17.0	17.0	17.0	0	17.7
		50	24	23.2	23.2	23.2	1.6	23.7	17.0	17.1	17.0	0	17.7
		50	50	23.1	23.2	23.2	1.6	23.7	17.0	17.1	17.1	0	17.7
		100	0	23.1	23.2	23.1	1.6	23.7	17.0	17.0	17.0	0	17.7
	64QAM	1	0	23.3	23.4	23.4	1.6	23.7	16.6	16.8	16.9	0	17.7
		1	49	23.5	23.6	23.7	1.6	23.7	16.7	17.0	17.0	0	17.7
		1	99	23.3	23.4	23.5	1.6	23.7	16.7	16.8	16.9	0	17.7
		50	0	22.2	22.2	22.2	2.6	22.7	16.8	17.0	17.0	0	17.7
		50	24	22.2	22.3	22.2	2.6	22.7	16.9	17.1	17.1	0	17.7
		50	50	22.2	22.3	22.3	2.6	22.7	17.0	17.1	17.1	0	17.7
		100	0	22.2	22.3	22.2	2.6	22.7	16.9	17.0	17.1	0	17.7
	256QAM	1	0	20.4	20.4	20.4	4.6	20.7	16.7	17.0	16.9	0	17.7
		1	49	20.4	20.4	20.4	4.6	20.7	16.7	17.0	16.9	0	17.7
		1	99	20.5	20.4	20.4	4.6	20.7	16.8	17.0	17.0	0	17.7
		50	0	20.1	20.2	20.2	4.6	20.7	16.8	17.0	17.0	0	17.7
		50	24	20.2	20.3	20.2	4.6	20.7	17.0	17.1	17.1	0	17.7
		50	50	20.2	20.3	20.3	4.6	20.7	17.0	17.1	17.1	0	17.7
		100	0	20.2	20.3	20.2	4.6	20.7	16.9	17.0	17.1	0	17.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Tune-up Limit	26115	26365	26615	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15 MHz	QPSK	1	0	24.6	24.7	24.8	0	25.3	16.9	17.0	17.0	0	17.7
		1	37	24.6	24.7	24.8	0	25.3	16.9	17.0	17.0	0	17.7
		1	74	24.5	24.6	24.7	0	25.3	16.9	16.9	16.9	0	17.7
		36	0	24.0	24.1	24.1	0.6	24.7	16.9	17.0	17.0	0	17.7
		36	20	24.1	24.2	24.2	0.6	24.7	17.0	17.0	17.0	0	17.7
		36	39	24.0	24.2	24.2	0.6	24.7	17.0	17.0	17.0	0	17.7
		75	0	24.0	24.2	24.2	0.6	24.7	17.0	17.0	17.0	0	17.7
	16QAM	1	0	24.3	24.5	24.5	0.6	24.7	16.9	16.9	17.0	0	17.7
		1	37	24.4	24.5	24.5	0.6	24.7	17.0	16.9	17.0	0	17.7
		1	74	24.2	24.4	24.4	0.6	24.7	16.9	16.8	16.9	0	17.7
		36	0	23.0	23.1	23.2	1.6	23.7	16.9	17.0	17.0	0	17.7
		36	20	23.1	23.2	23.2	1.6	23.7	17.0	17.1	17.1	0	17.7
		36	39	23.1	23.2	23.2	1.6	23.7	17.0	17.1	17.1	0	17.7
		75	0	23.1	23.2	23.2	1.6	23.7	17.0	17.0	17.1	0	17.7
	64QAM	1	0	22.7	23.3	23.4	1.6	23.7	16.7	16.7	16.8	0	17.7
		1	37	22.7	23.3	23.5	1.6	23.7	16.8	16.8	16.9	0	17.7
		1	74	22.6	23.4	23.4	1.6	23.7	16.7	16.7	16.8	0	17.7
		36	0	21.4	22.2	22.2	2.6	22.7	16.8	16.9	17.0	0	17.7
		36	20	21.5	22.3	22.3	2.6	22.7	16.9	17.0	17.0	0	17.7
		36	39	21.5	22.3	22.3	2.6	22.7	16.9	17.0	17.0	0	17.7
		75	0	21.5	22.3	22.3	2.6	22.7	16.9	16.9	17.0	0	17.7
	256QAM	1	0	19.5	20.3	20.3	4.6	20.7	16.8	17.1	17.1	0	17.7
		1	37	19.5	20.4	20.4	4.6	20.7	16.9	17.1	17.2	0	17.7
		1	74	19.5	20.4	20.4	4.6	20.7	16.9	17.1	17.2	0	17.7
		36	0	19.4	20.2	20.2	4.6	20.7	16.8	17.0	16.9	0	17.7
		36	20	19.5	20.3	20.3	4.6	20.7	16.9	17.1	17.0	0	17.7
		36	39	19.5	20.3	20.3	4.6	20.7	16.9	17.1	17.0	0	17.7
		75	0	19.5	20.3	20.3	4.6	20.7	16.9	17.0	17.1	0	17.7

LTE Band 25 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26090	26365	26640			26090	26365	26640		
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10 MHz	QPSK	1	0	24.7	24.8	24.8	0	25.3	17.0	17.1	17.1	0	17.7
		1	25	24.7	24.8	24.8	0	25.3	17.0	17.1	17.1	0	17.7
		1	49	24.7	24.7	24.8	0	25.3	17.0	17.1	17.1	0	17.7
		25	0	24.1	24.2	24.2	0.6	24.7	17.1	17.1	17.1	0	17.7
		25	12	24.2	24.3	24.3	0.6	24.7	17.1	17.2	17.2	0	17.7
		25	25	24.2	24.2	24.2	0.6	24.7	17.1	17.1	17.2	0	17.7
		50	0	24.2	24.2	24.3	0.6	24.7	17.1	17.2	17.2	0	17.7
	16QAM	1	0	24.4	24.5	24.6	0.6	24.7	17.1	17.1	17.1	0	17.7
		1	25	24.4	24.4	24.5	0.6	24.7	17.0	17.1	17.0	0	17.7
		1	49	24.4	24.5	24.5	0.6	24.7	17.1	17.1	17.1	0	17.7
		25	0	23.2	23.2	23.2	1.6	23.7	16.8	16.8	16.8	0	17.7
		25	12	23.3	23.2	23.3	1.6	23.7	16.8	16.9	16.9	0	17.7
		25	25	23.2	23.2	23.3	1.6	23.7	16.8	16.9	16.9	0	17.7
		50	0	23.2	23.2	23.3	1.6	23.7	16.8	16.9	16.9	0	17.7
	64QAM	1	0	23.3	23.4	23.3	1.6	23.7	16.8	17.0	16.9	0	17.7
		1	25	23.4	23.3	23.4	1.6	23.7	16.8	17.1	17.0	0	17.7
		1	49	23.4	23.3	23.4	1.6	23.7	16.8	17.0	17.0	0	17.7
		25	0	22.1	22.2	22.2	2.6	22.7	16.6	16.8	16.8	0	17.7
		25	12	22.2	22.3	22.3	2.6	22.7	16.7	16.9	16.8	0	17.7
		25	25	22.2	22.2	22.2	2.6	22.7	16.7	16.9	16.9	0	17.7
		50	0	22.2	22.3	22.3	2.6	22.7	16.7	16.9	16.8	0	17.7
	256QAM	1	0	20.1	20.2	20.3	4.6	20.7	16.7	16.8	16.9	0	17.7
		1	25	20.2	20.4	20.3	4.6	20.7	16.8	17.0	17.0	0	17.7
		1	49	20.2	20.3	20.3	4.6	20.7	16.8	16.9	16.9	0	17.7
		25	0	20.1	20.2	20.2	4.6	20.7	16.6	16.8	16.8	0	17.7
		25	12	20.2	20.3	20.3	4.6	20.7	16.7	16.9	16.8	0	17.7
		25	25	20.2	20.2	20.3	4.6	20.7	16.7	16.9	16.9	0	17.7
		50	0	20.2	20.2	20.3	4.6	20.7	16.7	16.9	16.8	0	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26065	26365	26665			26065	26365	26665		
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5 MHz	QPSK	1	0	24.7	24.8	24.7	0	25.3	16.8	16.8	16.8	0	17.7
		1	12	24.8	24.8	24.8	0	25.3	16.8	16.8	16.9	0	17.7
		1	24	24.8	24.7	24.8	0	25.3	16.8	16.8	16.8	0	17.7
		12	0	24.2	24.1	24.1	0.6	24.7	16.8	16.8	16.8	0	17.7
		12	7	24.2	24.2	24.2	0.6	24.7	16.8	16.8	16.8	0	17.7
		12	13	24.2	24.2	24.2	0.6	24.7	16.8	16.8	16.8	0	17.7
		25	0	24.2	24.2	24.1	0.6	24.7	16.8	16.8	16.8	0	17.7
	16QAM	1	0	24.6	24.6	24.5	0.6	24.7	17.1	17.1	17.1	0	17.7
		1	12	24.7	24.7	24.7	0.6	24.7	17.1	17.1	17.1	0	17.7
		1	24	24.6	24.6	24.6	0.6	24.7	17.1	17.1	17.1	0	17.7
		12	0	23.3	23.2	23.2	1.6	23.7	16.9	16.9	16.9	0	17.7
		12	7	23.3	23.3	23.2	1.6	23.7	16.9	17.0	16.9	0	17.7
		12	13	23.2	23.3	23.2	1.6	23.7	16.9	16.9	16.9	0	17.7
		25	0	23.2	23.2	23.2	1.6	23.7	16.8	16.9	16.8	0	17.7
	64QAM	1	0	23.3	23.3	23.3	1.6	23.7	16.9	16.9	16.9	0	17.7
		1	12	23.2	23.3	23.3	1.6	23.7	16.8	16.9	16.9	0	17.7
		1	24	23.2	23.3	23.3	1.6	23.7	16.9	16.9	16.9	0	17.7
		12	0	22.2	22.2	22.2	2.6	22.7	16.7	16.8	16.8	0	17.7
		12	7	22.2	22.2	22.2	2.6	22.7	16.7	16.9	16.8	0	17.7
		12	13	22.2	22.2	22.2	2.6	22.7	16.7	16.8	16.8	0	17.7
		25	0	22.2	22.2	22.2	2.6	22.7	16.7	16.8	16.7	0	17.7
	256QAM	1	0	20.3	20.2	20.3	4.6	20.7	16.7	16.8	16.8	0	17.7
		1	12	20.3	20.3	20.3	4.6	20.7	16.8	16.9	16.9	0	17.7
		1	24	20.3	20.3	20.4	4.6	20.7	16.8	17.0	16.9	0	17.7
		12	0	20.2	20.1	20.2	4.6	20.7	16.7	16.7	16.7	0	17.7
		12	7	20.2	20.2	20.2	4.6	20.7	16.7	16.9	16.8	0	17.7
		12	13	20.2	20.2	20.2	4.6	20.7	16.7	16.8	16.8	0	17.7
		25	0	20.2	20.2	20.2	4.6	20.7	16.7	16.8	16.8	0	17.7

LTE Band 25 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26055	26365	26675	MPR	Tune-up Limit	26055	26365	26675	MPR	Tune-up Limit
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3 MHz	QPSK	1	0	24.7	24.7	24.7	0	25.3	16.7	16.7	16.8	0	17.7
		1	8	24.7	24.8	24.8	0	25.3	16.7	16.8	16.9	0	17.7
		1	14	24.6	24.7	24.7	0	25.3	16.7	16.7	16.8	0	17.7
		8	0	24.1	24.1	24.2	0.6	24.7	16.8	16.8	16.8	0	17.7
		8	4	24.1	24.2	24.2	0.6	24.7	16.8	16.8	16.9	0	17.7
		8	7	24.1	24.2	24.2	0.6	24.7	16.8	16.8	16.8	0	17.7
		15	0	24.1	24.1	24.2	0.6	24.7	16.8	16.8	16.8	0	17.7
	16QAM	1	0	24.3	24.5	24.6	0.6	24.7	17.1	17.1	17.1	0	17.7
		1	8	24.4	24.6	24.6	0.6	24.7	17.1	17.1	17.1	0	17.7
		1	14	24.4	24.5	24.6	0.6	24.7	17.0	17.0	17.1	0	17.7
		8	0	23.2	23.2	23.3	1.6	23.7	16.8	16.9	16.9	0	17.7
		8	4	23.2	23.3	23.3	1.6	23.7	16.8	16.9	16.9	0	17.7
		8	7	23.2	23.2	23.3	1.6	23.7	16.9	16.9	17.0	0	17.7
		15	0	23.1	23.2	23.2	1.6	23.7	16.8	16.8	16.9	0	17.7
	64QAM	1	0	23.3	23.4	23.5	1.6	23.7	16.7	17.0	16.8	0	17.7
		1	8	23.3	23.4	23.5	1.6	23.7	16.8	17.1	16.9	0	17.7
		1	14	23.3	23.4	23.4	1.6	23.7	16.8	17.0	16.9	0	17.7
		8	0	22.1	22.2	22.2	2.6	22.7	16.6	16.8	16.8	0	17.7
		8	4	22.2	22.2	22.2	2.6	22.7	16.7	16.8	16.8	0	17.7
		8	7	22.2	22.2	22.2	2.6	22.7	16.7	16.8	16.8	0	17.7
		15	0	22.1	22.2	22.2	2.6	22.7	16.6	16.8	16.8	0	17.7
	256QAM	1	0	20.1	20.3	20.3	4.6	20.7	16.6	16.9	16.9	0	17.7
		1	8	20.2	20.3	20.3	4.6	20.7	16.7	16.9	17.0	0	17.7
		1	14	20.2	20.3	20.3	4.6	20.7	16.7	16.9	16.9	0	17.7
		8	0	20.1	20.2	20.2	4.6	20.7	16.7	16.8	16.8	0	17.7
		8	4	20.1	20.2	20.2	4.6	20.7	16.7	16.9	16.8	0	17.7
		8	7	20.1	20.2	20.2	4.6	20.7	16.7	16.8	16.8	0	17.7
		15	0	20.1	20.1	20.2	4.6	20.7	16.7	16.8	16.8	0	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26683	MPR	Tune-up Limit	26047	26365	26683	MPR	Tune-up Limit
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4 MHz	QPSK	1	0	24.7	24.7	24.7	0	25.3	16.8	16.8	16.8	0	17.7
		1	3	24.7	24.7	24.8	0	25.3	16.8	16.8	16.8	0	17.7
		1	5	24.7	24.7	24.7	0	25.3	16.7	16.8	16.8	0	17.7
		3	0	24.7	24.7	24.7	0	25.3	16.7	16.8	16.8	0	17.7
		3	1	24.7	24.7	24.8	0	25.3	16.7	16.8	16.8	0	17.7
		3	3	24.7	24.7	24.8	0	25.3	16.7	16.8	16.8	0	17.7
		6	0	24.1	24.1	24.1	0.6	24.7	16.7	16.8	16.8	0	17.7
	16QAM	1	0	24.3	24.4	24.4	0.6	24.7	17.1	17.1	17.0	0	17.7
		1	3	24.3	24.4	24.4	0.6	24.7	17.1	17.0	17.1	0	17.7
		1	5	24.3	24.3	24.4	0.6	24.7	17.0	17.1	17.0	0	17.7
		3	0	24.2	24.3	24.3	0.6	24.7	16.9	17.0	17.0	0	17.7
		3	1	24.2	24.3	24.3	0.6	24.7	17.0	17.0	17.0	0	17.7
		3	3	24.2	24.3	24.3	0.6	24.7	17.0	17.0	17.0	0	17.7
		6	0	23.1	23.1	23.1	1.6	23.7	16.8	16.8	16.8	0	17.7
	64QAM	1	0	23.2	23.3	23.2	1.6	23.7	16.7	16.9	16.9	0	17.7
		1	3	23.3	23.3	23.3	1.6	23.7	16.8	17.0	16.9	0	17.7
		1	5	23.3	23.4	23.3	1.6	23.7	16.7	16.9	16.9	0	17.7
		3	0	23.1	23.3	23.3	1.6	23.7	16.8	16.8	16.8	0	17.7
		3	1	23.1	23.3	23.3	1.6	23.7	16.8	16.8	16.8	0	17.7
		3	3	23.1	23.3	23.3	1.6	23.7	16.8	16.8	16.8	0	17.7
		6	0	22.2	22.1	22.1	2.6	22.7	16.6	16.8	16.7	0	17.7
	256QAM	1	0	20.2	20.2	20.2	4.6	20.7	16.6	16.8	16.9	0	17.7
		1	3	20.1	20.3	20.3	4.6	20.7	16.7	16.8	16.9	0	17.7
		1	5	20.1	20.2	20.3	4.6	20.7	16.7	16.8	16.9	0	17.7
		3	0	20.1	20.2	20.1	4.6	20.7	16.6	16.8	16.8	0	17.7
		3	1	20.1	20.2	20.2	4.6	20.7	16.6	16.8	16.9	0	17.7
		3	3	20.1	20.2	20.2	4.6	20.7	16.6	16.8	16.8	0	17.7
		6	0	20.1	20.1	20.1	4.6	20.7	16.7	16.7	16.8	0	17.7

LTE Band 25 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26140	26365	26590	MPR	Tune-up Limit	26140	26365	26590	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20 MHz	QPSK	1	0	20.0	20.1	20.1	0	20.7	21.6	21.6	21.6	0	22.2
		1	49	20.1	20.2	20.2	0	20.7	21.7	21.7	21.7	0	22.2
		1	99	20.0	20.1	20.0	0	20.7	21.6	21.5	21.5	0	22.2
		50	0	20.0	20.1	20.1	0	20.7	21.6	21.7	21.6	0	22.2
		50	24	20.1	20.2	20.2	0	20.7	21.7	21.8	21.7	0	22.2
		50	50	20.1	20.2	20.1	0	20.7	21.5	21.6	21.6	0	22.2
		100	0	20.0	20.2	20.1	0	20.7	21.5	21.7	21.6	0	22.2
	16QAM	1	0	19.9	20.2	20.1	0	20.7	21.5	21.6	21.7	0	22.2
		1	49	20.1	20.1	20.2	0	20.7	21.7	21.7	21.7	0	22.2
		1	99	19.9	20.2	20.0	0	20.7	21.6	21.5	21.6	0	22.2
		50	0	19.9	20.1	20.0	0	20.7	20.7	20.8	20.7	0.8	21.4
		50	24	20.1	20.1	20.1	0	20.7	20.8	20.8	20.8	0.8	21.4
		50	50	20.0	20.1	20.1	0	20.7	20.7	20.8	20.8	0.8	21.4
		100	0	20.0	20.1	20.1	0	20.7	20.7	20.7	20.8	0.8	21.4
	64QAM	1	0	19.8	19.9	20.0	0	20.7	20.9	21.0	20.8	0.8	21.4
		1	49	20.0	20.2	20.0	0	20.7	21.1	21.1	21.0	0.8	21.4
		1	99	19.9	20.0	19.9	0	20.7	20.9	21.0	21.0	0.8	21.4
		50	0	19.7	19.8	19.8	0.3	20.4	19.7	19.8	19.7	1.8	20.4
		50	24	19.8	19.9	19.8	0.3	20.4	19.8	19.9	19.8	1.8	20.4
		50	50	19.8	19.9	19.8	0.3	20.4	19.8	19.9	19.8	1.8	20.4
		100	0	19.7	19.9	19.8	0.3	20.4	19.8	19.9	19.8	1.8	20.4
	256QAM	1	0	17.9	18.0	17.9	2.3	18.4	17.8	18.1	17.9	3.8	18.4
		1	49	17.9	18.0	17.9	2.3	18.4	17.9	18.0	18.0	3.8	18.4
		1	99	18.0	18.0	17.9	2.3	18.4	17.9	18.0	18.1	3.8	18.4
		50	0	17.7	17.8	17.8	2.3	18.4	17.7	17.8	17.7	3.8	18.4
		50	24	17.8	17.9	17.8	2.3	18.4	17.8	17.9	17.8	3.8	18.4
		50	50	17.8	17.8	17.8	2.3	18.4	17.8	17.9	17.8	3.8	18.4
		100	0	17.8	17.9	17.8	2.3	18.4	17.8	18.0	17.8	3.8	18.4
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Tune-up Limit	26115	26365	26615	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15 MHz	QPSK	1	0	20.0	20.1	20.0	0	20.7	21.5	21.7	21.4	0	22.2
		1	37	19.9	20.2	20.1	0	20.7	21.5	21.7	21.5	0	22.2
		1	74	19.9	20.1	20.1	0	20.7	21.5	21.6	21.3	0	22.2
		36	0	19.9	20.2	20.2	0	20.7	21.5	21.6	21.5	0	22.2
		36	20	20.0	20.2	20.2	0	20.7	21.5	21.6	21.5	0	22.2
		36	39	20.0	20.2	20.2	0	20.7	21.5	21.7	21.6	0	22.2
		75	0	20.0	20.1	20.2	0	20.7	21.5	21.6	21.5	0	22.2
	16QAM	1	0	20.0	20.2	20.2	0	20.7	21.6	21.5	21.5	0	22.2
		1	37	20.1	20.2	20.2	0	20.7	21.6	21.6	21.7	0	22.2
		1	74	20.1	20.1	20.0	0	20.7	21.6	21.5	21.6	0	22.2
		36	0	20.0	20.1	20.1	0	20.7	20.7	20.7	20.7	0.8	21.4
		36	20	20.1	20.2	20.1	0	20.7	20.8	20.7	20.7	0.8	21.4
		36	39	20.1	20.2	20.2	0	20.7	20.8	20.8	20.8	0.8	21.4
		75	0	20.0	20.1	20.1	0	20.7	20.7	20.7	20.7	0.8	21.4
	64QAM	1	0	19.8	20.0	20.0	0	20.7	20.8	20.9	21.0	0.8	21.4
		1	37	19.9	20.0	20.0	0	20.7	20.8	21.0	21.0	0.8	21.4
		1	74	19.8	20.0	20.0	0	20.7	20.9	21.0	21.0	0.8	21.4
		36	0	19.6	19.8	19.8	0.3	20.4	19.7	19.8	19.8	1.8	20.4
		36	20	19.7	19.9	19.8	0.3	20.4	19.8	19.9	19.8	1.8	20.4
		36	39	19.7	19.9	19.8	0.3	20.4	19.8	19.9	19.8	1.8	20.4
		75	0	19.7	19.9	19.8	0.3	20.4	19.8	19.9	19.8	1.8	20.4
	256QAM	1	0	17.7	17.9	17.9	2.3	18.4	17.7	17.9	17.9	3.8	18.4
		1	37	17.7	17.9	17.9	2.3	18.4	17.7	18.0	17.9	3.8	18.4
		1	74	17.8	18.0	17.9	2.3	18.4	17.8	18.0	17.9	3.8	18.4
		36	0	17.6	17.8	17.8	2.3	18.4	17.7	17.8	17.8	3.8	18.4
		36	20	17.7	17.9	17.8	2.3	18.4	17.8	17.9	17.8	3.8	18.4
		36	39	17.8	17.9	17.8	2.3	18.4	17.8	17.9	17.8	3.8	18.4
		75	0	17.7	17.9	17.8	2.3	18.4	17.7	17.9	17.8	3.8	18.4

LTE Band 25 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26090	26365	26640			26090	26365	26640		
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10 MHz	QPSK	1	0	19.8	20.0	19.9	0	20.7	21.5	21.7	21.6	0	22.2
		1	25	19.8	20.0	20.0	0	20.7	21.6	21.7	21.6	0	22.2
		1	49	19.7	20.0	19.9	0	20.7	21.5	21.7	21.6	0	22.2
		25	0	19.8	20.0	19.9	0	20.7	21.6	21.7	21.7	0	22.2
		25	12	19.9	20.0	20.0	0	20.7	21.6	21.7	21.7	0	22.2
		25	25	19.9	20.0	20.0	0	20.7	21.6	21.7	21.7	0	22.2
		50	0	19.9	20.0	20.0	0	20.7	21.6	21.7	21.7	0	22.2
	16QAM	1	0	20.1	20.1	20.1	0	20.7	21.6	21.6	21.5	0	22.2
		1	25	20.1	20.0	20.1	0	20.7	21.6	21.4	21.5	0	22.2
		1	49	20.1	20.0	20.1	0	20.7	21.6	21.5	21.5	0	22.2
		25	0	19.8	20.0	20.0	0	20.7	20.8	21.0	20.9	0.8	21.4
		25	12	19.9	20.0	20.1	0	20.7	20.8	21.0	21.0	0.8	21.4
		25	25	19.9	20.0	20.1	0	20.7	20.8	21.0	21.0	0.8	21.4
		50	0	19.9	20.0	20.0	0	20.7	20.9	20.9	20.9	0.8	21.4
	64QAM	1	0	20.0	20.1	20.1	0	20.7	20.9	21.0	21.0	0.8	21.4
		1	25	20.1	20.1	20.1	0	20.7	21.0	21.0	21.0	0.8	21.4
		1	49	20.0	20.1	20.1	0	20.7	20.9	20.9	21.0	0.8	21.4
		25	0	19.5	19.8	19.7	0.3	20.4	19.8	19.9	19.9	1.8	20.4
		25	12	19.6	19.8	19.7	0.3	20.4	19.9	19.9	19.9	1.8	20.4
		25	25	19.6	19.7	19.7	0.3	20.4	19.9	19.8	19.9	1.8	20.4
		50	0	19.6	19.7	19.6	0.3	20.4	19.9	19.9	19.9	1.8	20.4
	256QAM	1	0	17.6	17.7	17.7	2.3	18.4	17.8	17.9	18.0	3.8	18.4
		1	25	17.7	17.8	17.8	2.3	18.4	18.0	18.0	18.0	3.8	18.4
		1	49	17.6	17.8	17.7	2.3	18.4	17.9	17.9	17.9	3.8	18.4
		25	0	17.5	17.7	17.6	2.3	18.4	17.8	17.9	17.9	3.8	18.4
		25	12	17.6	17.8	17.7	2.3	18.4	17.9	17.9	17.9	3.8	18.4
		25	25	17.6	17.7	17.6	2.3	18.4	17.8	17.9	17.9	3.8	18.4
		50	0	17.6	17.7	17.7	2.3	18.4	17.9	17.9	17.9	3.8	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26065	26365	26665			26065	26365	26665		
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5 MHz	QPSK	1	0	20.0	20.2	20.1	0	20.7	21.5	21.7	21.6	0	22.2
		1	12	20.1	20.2	20.2	0	20.7	21.5	21.7	21.7	0	22.2
		1	24	20.0	20.2	20.1	0	20.7	21.5	21.6	21.6	0	22.2
		12	0	20.1	20.2	20.1	0	20.7	21.5	21.6	21.6	0	22.2
		12	7	20.1	20.2	20.1	0	20.7	21.5	21.6	21.6	0	22.2
		12	13	20.1	20.2	20.1	0	20.7	21.5	21.6	21.6	0	22.2
		25	0	20.1	20.2	20.1	0	20.7	21.5	21.6	21.6	0	22.2
	16QAM	1	0	20.2	20.2	20.1	0	20.7	21.7	21.2	21.7	0	22.2
		1	12	20.1	20.1	20.1	0	20.7	21.1	21.2	21.2	0	22.2
		1	24	20.2	20.2	20.2	0	20.7	21.7	21.2	21.0	0	22.2
		12	0	20.1	20.2	20.1	0	20.7	20.8	20.8	21.0	0.8	21.4
		12	7	20.1	20.2	20.1	0	20.7	20.8	20.8	21.0	0.8	21.4
		12	13	20.1	20.2	20.1	0	20.7	20.8	20.8	20.9	0.8	21.4
		25	0	20.1	20.2	20.2	0	20.7	20.7	20.9	20.9	0.8	21.4
	64QAM	1	0	19.9	20.2	20.0	0	20.7	21.0	21.1	21.0	0.8	21.4
		1	12	20.0	20.2	20.1	0	20.7	21.0	21.1	21.0	0.8	21.4
		1	24	20.0	20.2	20.0	0	20.7	20.9	21.1	21.0	0.8	21.4
		12	0	19.8	20.0	19.9	0.3	20.4	19.8	20.0	19.9	1.8	20.4
		12	7	19.8	20.0	19.9	0.3	20.4	19.9	20.0	19.9	1.8	20.4
		12	13	19.8	20.0	19.8	0.3	20.4	19.9	20.0	19.9	1.8	20.4
		25	0	19.9	20.0	19.9	0.3	20.4	19.9	19.9	19.9	1.8	20.4
	256QAM	1	0	17.9	18.1	18.0	2.3	18.4	17.9	18.2	18.0	3.8	18.4
		1	12	17.9	18.1	18.0	2.3	18.4	18.0	18.0	18.0	3.8	18.4
		1	24	17.9	18.1	18.0	2.3	18.4	18.0	18.1	18.0	3.8	18.4
		12	0	17.8	18.0	17.9	2.3	18.4	17.8	18.0	17.9	3.8	18.4
		12	7	17.9	18.0	17.9	2.3	18.4	17.9	18.0	17.9	3.8	18.4
		12	13	17.8	18.0	17.9	2.3	18.4	17.9	18.0	17.9	3.8	18.4
		25	0	17.9	18.0	17.9	2.3	18.4	17.9	18.0	17.9	3.8	18.4

LTE Band 25 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26055	26365	26675			26055	26365	26675		
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3 MHz	QPSK	1	0	20.0	20.1	20.1	0	20.7	21.4	21.6	21.5	0	22.2
		1	8	20.0	20.2	20.1	0	20.7	21.4	21.6	21.6	0	22.2
		1	14	20.0	20.1	20.0	0	20.7	21.4	21.6	21.5	0	22.2
		8	0	20.0	20.1	20.1	0	20.7	21.4	21.6	21.5	0	22.2
		8	4	20.1	20.2	20.2	0	20.7	21.4	21.6	21.6	0	22.2
		8	7	20.1	20.1	20.2	0	20.7	21.4	21.6	21.6	0	22.2
		15	0	20.0	20.1	20.1	0	20.7	21.4	21.5	21.5	0	22.2
	16QAM	1	0	20.0	20.2	20.2	0	20.7	21.4	21.6	21.7	0	22.2
		1	8	20.1	20.2	20.2	0	20.7	21.5	21.7	21.7	0	22.2
		1	14	20.0	20.2	20.2	0	20.7	21.5	21.6	21.7	0	22.2
		8	0	20.1	20.2	20.1	0	20.7	20.7	20.8	20.8	0.8	21.4
		8	4	20.1	20.2	20.2	0	20.7	20.7	20.9	20.9	0.8	21.4
		8	7	20.1	20.2	20.2	0	20.7	20.7	20.8	20.9	0.8	21.4
		15	0	20.1	20.1	20.1	0	20.7	20.7	20.8	20.7	0.8	21.4
	64QAM	1	0	20.1	20.1	20.0	0	20.7	21.0	21.1	21.0	0.8	21.4
		1	8	20.2	20.1	20.1	0	20.7	21.0	21.1	21.1	0.8	21.4
		1	14	20.1	20.1	20.0	0	20.7	21.0	21.0	21.0	0.8	21.4
		8	0	19.8	19.8	19.8	0.3	20.4	19.9	20.0	19.9	1.8	20.4
		8	4	19.8	20.0	19.9	0.3	20.4	19.9	20.0	19.9	1.8	20.4
		8	7	19.8	20.0	19.9	0.3	20.4	19.9	20.0	19.9	1.8	20.4
		15	0	19.8	19.9	19.8	0.3	20.4	19.8	20.0	19.9	1.8	20.4
	256QAM	1	0	17.8	18.0	17.9	2.3	18.4	17.9	18.1	17.9	3.8	18.4
		1	8	18.0	18.1	18.0	2.3	18.4	18.0	18.1	17.9	3.8	18.4
		1	14	17.9	18.1	18.0	2.3	18.4	18.0	18.1	17.9	3.8	18.4
		8	0	17.8	17.9	17.8	2.3	18.4	17.9	17.9	17.8	3.8	18.4
		8	4	17.9	18.0	17.9	2.3	18.4	17.8	18.0	17.9	3.8	18.4
		8	7	17.8	18.0	17.9	2.3	18.4	17.9	18.0	17.9	3.8	18.4
		15	0	17.8	18.0	17.8	2.3	18.4	17.9	18.0	17.8	3.8	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26047	26365	26683			26047	26365	26683		
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4 MHz	QPSK	1	0	20.0	20.2	20.1	0	20.7	21.5	21.6	21.5	0	22.2
		1	3	20.0	20.2	20.2	0	20.7	21.6	21.6	21.5	0	22.2
		1	5	20.0	20.1	20.1	0	20.7	21.6	21.6	21.5	0	22.2
		3	0	20.0	20.1	20.1	0	20.7	21.6	21.6	21.5	0	22.2
		3	1	20.0	20.1	20.1	0	20.7	21.6	21.6	21.5	0	22.2
		3	3	20.0	20.1	20.1	0	20.7	21.5	21.6	21.5	0	22.2
		6	0	20.0	20.1	20.1	0	20.7	21.5	21.5	21.5	0	22.2
	16QAM	1	0	20.1	20.2	20.2	0	20.7	21.6	21.7	21.5	0	22.2
		1	3	20.2	20.2	20.2	0	20.7	21.6	21.7	21.5	0	22.2
		1	5	20.2	20.1	20.2	0	20.7	21.6	21.7	21.5	0	22.2
		3	0	20.2	20.1	20.0	0	20.7	21.6	21.8	21.7	0	22.2
		3	1	20.1	20.1	20.0	0	20.7	21.6	21.8	21.7	0	22.2
		3	3	20.1	20.1	20.0	0	20.7	21.7	21.8	21.7	0	22.2
		6	0	20.0	19.9	19.9	0	20.7	20.7	20.8	20.8	0.8	21.4
	64QAM	1	0	20.1	20.1	20.1	0	20.7	20.8	21.1	21.1	0.8	21.4
		1	3	20.1	20.1	20.1	0	20.7	20.9	21.2	21.0	0.8	21.4
		1	5	20.0	20.1	20.0	0	20.7	20.8	21.1	21.1	0.8	21.4
		3	0	20.1	20.0	20.1	0	20.7	20.9	21.0	20.9	0.8	21.4
		3	1	20.1	20.0	20.1	0	20.7	20.9	21.0	20.9	0.8	21.4
		3	3	20.1	20.0	20.1	0	20.7	20.9	21.0	20.9	0.8	21.4
		6	0	19.8	19.9	19.7	0.3	20.4	19.8	20.0	19.8	1.8	20.4
	256QAM	1	0	17.9	18.0	17.8	2.3	18.4	17.8	18.0	17.9	3.8	18.4
		1	3	17.9	18.1	17.9	2.3	18.4	17.9	18.0	17.9	3.8	18.4
		1	5	17.9	18.0	17.8	2.3	18.4	17.8	17.9	17.9	3.8	18.4
		3	0	17.8	17.9	17.8	2.3	18.4	17.8	17.9	17.8	3.8	18.4
		3	1	17.8	17.9	17.8	2.3	18.4	17.8	17.9	17.9	3.8	18.4
		3	3	17.8	17.9	17.8	2.3	18.4	17.8	17.9	17.9	3.8	18.4
		6	0	17.7	18.0	17.7	2.3	18.4	17.7	17.8	17.9	3.8	18.4

LTE Band 25 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26140	26365	26590	MPR	Tune-up Limit	26140	26365	26590	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20 MHz	QPSK	1	0	24.4	24.4	24.5	0.0	25.0	19.9	19.9	19.9	0.0	20.2
		1	49	24.4	24.5	24.5	0.0	25.0	19.9	19.9	19.9	0.0	20.2
		1	99	24.4	24.4	24.5	0.0	25.0	19.9	19.9	19.9	0.0	20.2
		50	0	23.6	23.6	23.7	0.5	24.5	19.6	19.7	19.7	0.0	20.2
		50	24	23.7	23.7	23.7	0.5	24.5	19.7	19.8	19.7	0.0	20.2
		50	50	23.6	23.7	23.7	0.5	24.5	19.6	19.7	19.7	0.0	20.2
		100	0	23.6	23.6	23.7	0.5	24.5	19.6	19.7	19.7	0.0	20.2
	16QAM	1	0	23.7	23.6	23.7	0.5	24.5	19.9	19.9	19.9	0.0	20.2
		1	49	24.0	23.8	23.9	0.5	24.5	19.9	19.9	19.9	0.0	20.2
		1	99	23.7	23.6	23.7	0.5	24.5	19.9	19.9	19.9	0.0	20.2
		50	0	22.3	22.4	22.4	1.5	23.5	19.6	19.7	19.7	0.0	20.2
		50	24	22.4	22.4	22.4	1.5	23.5	19.7	19.7	19.6	0.0	20.2
		50	50	22.4	22.4	22.5	1.5	23.5	19.6	19.7	19.7	0.0	20.2
		100	0	22.4	22.3	22.5	1.5	23.5	19.6	19.6	19.7	0.0	20.2
	64QAM	1	0	22.7	22.6	22.5	1.5	23.5	19.8	19.7	19.7	0.0	20.2
		1	49	22.8	22.7	22.6	1.5	23.5	19.8	19.8	19.9	0.0	20.2
		1	99	22.6	22.6	22.5	1.5	23.5	19.7	19.7	19.7	0.0	20.2
		50	0	21.6	21.4	21.4	2.5	22.5	19.7	19.6	19.6	0.0	20.2
		50	24	21.6	21.4	21.4	2.5	22.5	19.7	19.6	19.6	0.0	20.2
		50	50	21.6	21.4	21.5	2.5	22.5	19.7	19.6	19.7	0.0	20.2
		100	0	21.6	21.5	21.4	2.5	22.5	19.7	19.6	19.6	0.0	20.2
	256QAM	1	0	19.8	19.6	19.5	4.5	20.5	19.9	19.8	19.6	0.0	20.2
		1	49	19.8	19.5	19.5	4.5	20.5	19.9	19.8	19.7	0.0	20.2
		1	99	19.7	19.6	19.6	4.5	20.5	19.9	19.8	19.8	0.0	20.2
		50	0	19.5	19.4	19.4	4.5	20.5	19.7	19.6	19.6	0.0	20.2
		50	24	19.5	19.4	19.4	4.5	20.5	19.8	19.6	19.6	0.0	20.2
		50	50	19.5	19.4	19.5	4.5	20.5	19.7	19.6	19.7	0.0	20.2
		100	0	19.5	19.5	19.4	4.5	20.5	19.7	19.6	19.6	0.0	20.2
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Tune-up Limit	26115	26365	26615	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15 MHz	QPSK	1	0	24.2	24.2	24.3	0.0	25.0	19.7	19.6	19.7	0.0	20.2
		1	37	24.1	24.2	24.2	0.0	25.0	19.6	19.7	19.8	0.0	20.2
		1	74	24.1	24.1	24.2	0.0	25.0	19.6	19.6	19.6	0.0	20.2
		36	0	23.3	23.4	23.4	0.5	24.5	19.6	19.7	19.7	0.0	20.2
		36	20	23.4	23.4	23.5	0.5	24.5	19.7	19.7	19.8	0.0	20.2
		36	39	23.4	23.4	23.5	0.5	24.5	19.7	19.7	19.8	0.0	20.2
		75	0	23.4	23.3	23.5	0.5	24.5	19.7	19.6	19.8	0.0	20.2
	16QAM	1	0	23.7	23.6	23.8	0.5	24.5	19.9	19.9	19.9	0.0	20.2
		1	37	23.8	23.7	23.7	0.5	24.5	19.9	19.9	19.9	0.0	20.2
		1	74	23.7	23.6	23.6	0.5	24.5	19.9	19.9	19.9	0.0	20.2
		36	0	22.3	22.4	22.4	1.5	23.5	19.6	19.7	19.7	0.0	20.2
		36	20	22.4	22.4	22.5	1.5	23.5	19.7	19.7	19.8	0.0	20.2
		36	39	22.4	22.5	22.5	1.5	23.5	19.7	19.7	19.7	0.0	20.2
		75	0	22.4	22.4	22.5	1.5	23.5	19.7	19.6	19.8	0.0	20.2
	64QAM	1	0	22.8	22.6	22.6	1.5	23.5	19.9	19.7	19.8	0.0	20.2
		1	37	22.7	22.6	22.7	1.5	23.5	19.8	19.7	19.8	0.0	20.2
		1	74	22.7	22.6	22.6	1.5	23.5	19.8	19.7	19.8	0.0	20.2
		36	0	21.6	21.5	21.4	2.5	22.5	19.7	19.6	19.6	0.0	20.2
		36	20	21.6	21.4	21.5	2.5	22.5	19.7	19.6	19.6	0.0	20.2
		36	39	21.6	21.5	21.5	2.5	22.5	19.7	19.6	19.7	0.0	20.2
		75	0	21.6	21.5	21.4	2.5	22.5	19.7	19.6	19.6	0.0	20.2
	256QAM	1	0	19.6	19.6	19.6	4.5	20.5	19.8	19.7	19.6	0.0	20.2
		1	37	19.6	19.6	19.6	4.5	20.5	19.8	19.8	19.6	0.0	20.2
		1	74	19.6	19.7	19.6	4.5	20.5	19.7	19.7	19.8	0.0	20.2
		36	0	19.6	19.4	19.4	4.5	20.5	19.7	19.6	19.5	0.0	20.2
		36	20	19.6	19.4	19.4	4.5	20.5	19.7	19.6	19.5	0.0	20.2
		36	39	19.6	19.5	19.5	4.5	20.5	19.7	19.6	19.6	0.0	20.2
		75	0	19.6	19.5	19.4	4.5	20.5	19.7	19.6	19.5	0.0	20.2

LTE Band 25 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26090	26365	26640			26090	26365	26640		
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10 MHz	QPSK	1	0	24.4	24.4	24.5	0.0	25.0	19.6	19.7	19.7	0.0	20.2
		1	25	24.4	24.5	24.5	0.0	25.0	19.6	19.7	19.7	0.0	20.2
		1	49	24.4	24.4	24.5	0.0	25.0	19.6	19.7	19.7	0.0	20.2
		25	0	23.6	23.6	23.7	0.5	24.5	19.6	19.7	19.7	0.0	20.2
		25	12	23.7	23.7	23.7	0.5	24.5	19.7	19.7	19.8	0.0	20.2
		25	25	23.6	23.7	23.7	0.5	24.5	19.7	19.8	19.8	0.0	20.2
		50	0	23.6	23.6	23.7	0.5	24.5	19.7	19.7	19.8	0.0	20.2
	16QAM	1	0	24.0	24.0	24.0	0.5	24.5	19.9	19.9	19.9	0.0	20.2
		1	25	24.0	23.9	24.0	0.5	24.5	19.9	19.9	19.9	0.0	20.2
		1	49	24.0	23.9	24.0	0.5	24.5	19.8	19.9	19.9	0.0	20.2
		25	0	22.6	22.7	22.7	1.5	23.5	19.6	19.8	19.7	0.0	20.2
		25	12	22.7	22.7	22.8	1.5	23.5	19.7	19.7	19.8	0.0	20.2
		25	25	22.4	22.7	22.8	1.5	23.5	19.6	19.8	19.8	0.0	20.2
		50	0	22.4	22.7	22.7	1.5	23.5	19.6	19.7	19.8	0.0	20.2
	64QAM	1	0	22.9	22.7	22.7	1.5	23.5	19.9	19.9	19.9	0.0	20.2
		1	25	22.8	22.8	22.8	1.5	23.5	19.9	19.9	19.9	0.0	20.2
		1	49	22.8	22.7	22.8	1.5	23.5	19.9	19.9	19.9	0.0	20.2
		25	0	21.8	21.6	21.6	2.5	22.5	19.9	19.7	19.7	0.0	20.2
		25	12	21.8	21.6	21.7	2.5	22.5	19.9	19.7	19.8	0.0	20.2
		25	25	21.8	21.7	21.7	2.5	22.5	19.9	19.8	19.8	0.0	20.2
		50	0	21.8	21.6	21.7	2.5	22.5	19.9	19.7	19.8	0.0	20.2
	256QAM	1	0	19.8	19.6	19.7	4.5	20.5	19.9	19.8	19.8	0.0	20.2
		1	25	19.8	19.7	19.8	4.5	20.5	19.9	19.9	19.9	0.0	20.2
		1	49	19.8	19.7	19.7	4.5	20.5	19.8	19.9	19.8	0.0	20.2
		25	0	19.8	19.6	19.6	4.5	20.5	19.9	19.7	19.7	0.0	20.2
		25	12	19.8	19.6	19.7	4.5	20.5	19.9	19.7	19.8	0.0	20.2
		25	25	19.8	19.7	19.7	4.5	20.5	19.8	19.8	19.8	0.0	20.2
		50	0	19.8	19.6	19.7	4.5	20.5	19.9	19.7	19.8	0.0	20.2
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26065	26365	26665			26065	26365	26665		
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5 MHz	QPSK	1	0	24.4	24.5	24.4	0.0	25.0	19.6	19.7	19.7	0.0	20.2
		1	12	24.5	24.5	24.5	0.0	25.0	19.7	19.7	19.8	0.0	20.2
		1	24	24.4	24.5	24.5	0.0	25.0	19.6	19.7	19.7	0.0	20.2
		12	0	23.6	23.6	23.6	0.5	24.5	19.6	19.7	19.7	0.0	20.2
		12	7	23.6	23.6	23.7	0.5	24.5	19.7	19.7	19.8	0.0	20.2
		12	13	23.6	23.7	23.7	0.5	24.5	19.7	19.7	19.7	0.0	20.2
		25	0	23.6	23.6	23.7	0.5	24.5	19.7	19.6	19.8	0.0	20.2
	16QAM	1	0	24.0	24.0	24.0	0.5	24.5	19.9	19.9	19.9	0.0	20.2
		1	12	24.0	24.0	24.0	0.5	24.5	19.9	19.9	19.8	0.0	20.2
		1	24	23.9	24.0	24.0	0.5	24.5	19.9	19.9	19.9	0.0	20.2
		12	0	22.6	22.6	22.7	1.5	23.5	19.6	19.7	19.7	0.0	20.2
		12	7	22.6	22.6	22.8	1.5	23.5	19.7	19.7	19.7	0.0	20.2
		12	13	22.6	22.7	22.8	1.5	23.5	19.7	19.8	19.7	0.0	20.2
		25	0	22.6	22.6	22.7	1.5	23.5	19.7	19.7	19.8	0.0	20.2
	64QAM	1	0	22.9	22.8	22.8	1.5	23.5	19.9	19.9	19.9	0.0	20.2
		1	12	22.8	22.8	22.8	1.5	23.5	19.9	19.9	19.9	0.0	20.2
		1	24	22.8	22.8	22.8	1.5	23.5	19.9	19.9	19.9	0.0	20.2
		12	0	21.8	21.6	21.6	2.5	22.5	19.9	19.7	19.7	0.0	20.2
		12	7	21.8	21.5	21.6	2.5	22.5	19.9	19.7	19.8	0.0	20.2
		12	13	21.8	21.6	21.6	2.5	22.5	19.9	19.8	19.7	0.0	20.2
		25	0	21.7	21.5	21.6	2.5	22.5	19.9	19.7	19.8	0.0	20.2
	256QAM	1	0	20.0	19.7	19.8	4.5	20.5	19.9	19.8	19.8	0.0	20.2
		1	12	19.9	19.7	19.8	4.5	20.5	19.9	19.8	19.9	0.0	20.2
		1	24	19.9	19.7	19.8	4.5	20.5	19.9	19.8	19.9	0.0	20.2
		12	0	19.7	19.6	19.6	4.5	20.5	19.9	19.7	19.7	0.0	20.2
		12	7	19.8	19.6	19.7	4.5	20.5	19.9	19.7	19.8	0.0	20.2
		12	13	19.7	19.6	19.6	4.5	20.5	19.8	19.7	19.7	0.0	20.2
		25	0	19.7	19.5	19.6	4.5	20.5	19.9	19.7	19.7	0.0	20.2

LTE Band 25 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26055	26365	26675			26055	26365	26675		
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3 MHz	QPSK	1	0	24.3	24.4	24.4	0.0	25.0	19.6	19.7	19.6	0.0	20.2
		1	8	24.4	24.4	24.5	0.0	25.0	19.7	19.7	19.7	0.0	20.2
		1	14	24.3	24.4	24.4	0.0	25.0	19.6	19.7	19.6	0.0	20.2
		8	0	23.6	23.6	23.6	0.5	24.5	19.7	19.7	19.6	0.0	20.2
		8	4	23.6	23.6	23.6	0.5	24.5	19.7	19.7	19.7	0.0	20.2
		8	7	23.6	23.6	23.7	0.5	24.5	19.7	19.8	19.7	0.0	20.2
		15	0	23.5	23.6	23.6	0.5	24.5	19.7	19.7	19.6	0.0	20.2
	16QAM	1	0	23.9	23.9	24.0	0.5	24.5	19.9	19.9	19.9	0.0	20.2
		1	8	24.0	24.0	24.0	0.5	24.5	19.9	19.9	19.9	0.0	20.2
		1	14	23.9	23.9	23.9	0.5	24.5	19.9	19.9	19.9	0.0	20.2
		8	0	22.7	22.6	22.7	1.5	23.5	19.7	19.7	19.7	0.0	20.2
		8	4	22.7	22.7	22.7	1.5	23.5	19.8	19.7	19.7	0.0	20.2
		8	7	22.6	22.8	22.8	1.5	23.5	19.7	19.8	19.8	0.0	20.2
		15	0	22.6	22.6	22.6	1.5	23.5	19.7	19.6	19.7	0.0	20.2
	64QAM	1	0	22.9	22.7	22.7	1.5	23.5	19.9	19.9	19.8	0.0	20.2
		1	8	22.9	22.7	22.8	1.5	23.5	19.9	19.9	19.9	0.0	20.2
		1	14	22.9	22.7	22.8	1.5	23.5	19.9	19.9	19.9	0.0	20.2
		8	0	21.8	21.5	21.5	2.5	22.5	19.9	19.7	19.6	0.0	20.2
		8	4	21.8	21.5	21.5	2.5	22.5	19.9	19.7	19.6	0.0	20.2
		8	7	21.8	21.6	21.6	2.5	22.5	19.9	19.8	19.7	0.0	20.2
		15	0	21.7	21.5	21.6	2.5	22.5	19.9	19.7	19.7	0.0	20.2
	256QAM	1	0	19.8	19.7	19.6	4.5	20.5	19.9	19.8	19.7	0.0	20.2
		1	8	19.9	19.8	19.7	4.5	20.5	19.9	19.9	19.8	0.0	20.2
		1	14	19.8	19.7	19.7	4.5	20.5	19.9	19.9	19.7	0.0	20.2
		8	0	19.7	19.5	19.5	4.5	20.5	19.8	19.6	19.6	0.0	20.2
		8	4	19.7	19.5	19.5	4.5	20.5	19.9	19.7	19.7	0.0	20.2
		8	7	19.7	19.6	19.6	4.5	20.5	19.9	19.7	19.8	0.0	20.2
		15	0	19.7	19.5	19.6	4.5	20.5	19.8	19.6	19.7	0.0	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26047	26365	26683			26047	26365	26683		
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4 MHz	QPSK	1	0	24.3	24.4	24.4	0.0	25.0	19.6	19.7	19.7	0.0	20.2
		1	3	24.3	24.4	24.5	0.0	25.0	19.7	19.7	19.7	0.0	20.2
		1	5	24.3	24.4	24.5	0.0	25.0	19.7	19.7	19.8	0.0	20.2
		3	0	24.3	24.4	24.4	0.0	25.0	19.6	19.7	19.7	0.0	20.2
		3	1	24.3	24.4	24.4	0.0	25.0	19.6	19.7	19.7	0.0	20.2
		3	3	24.3	24.4	24.4	0.0	25.0	19.6	19.7	19.7	0.0	20.2
		6	0	23.5	23.6	23.6	0.5	24.5	19.6	19.7	19.7	0.0	20.2
	16QAM	1	0	23.9	24.0	23.9	0.5	24.5	19.8	19.9	19.9	0.0	20.2
		1	3	23.9	23.9	23.9	0.5	24.5	19.8	19.9	19.9	0.0	20.2
		1	5	23.9	23.9	23.9	0.5	24.5	19.8	19.9	19.9	0.0	20.2
		3	0	23.7	23.8	23.8	0.5	24.5	19.8	19.9	19.9	0.0	20.2
		3	1	23.7	23.8	23.8	0.5	24.5	19.8	19.9	19.9	0.0	20.2
		3	3	23.7	23.8	23.8	0.5	24.5	19.8	19.9	19.9	0.0	20.2
		6	0	22.6	22.6	22.6	1.5	23.5	19.7	19.7	19.7	0.0	20.2
	64QAM	1	0	22.7	22.7	22.8	1.5	23.5	19.9	19.7	19.8	0.0	20.2
		1	3	22.7	22.8	22.8	1.5	23.5	19.9	19.8	19.9	0.0	20.2
		1	5	22.6	22.7	22.8	1.5	23.5	19.9	19.8	19.9	0.0	20.2
		3	0	22.8	22.5	22.6	1.5	23.5	19.9	19.8	19.6	0.0	20.2
		3	1	22.8	22.5	22.6	1.5	23.5	19.8	19.8	19.7	0.0	20.2
		3	3	22.8	22.5	22.6	1.5	23.5	19.8	19.8	19.7	0.0	20.2
		6	0	21.7	21.5	21.5	2.5	22.5	19.9	19.7	19.6	0.0	20.2
	256QAM	1	0	19.8	19.6	19.5	4.5	20.5	19.9	19.7	19.7	0.0	20.2
		1	3	19.8	19.7	19.7	4.5	20.5	19.9	19.9	19.8	0.0	20.2
		1	5	19.8	19.6	19.6	4.5	20.5	19.9	19.7	19.8	0.0	20.2
		3	0	19.8	19.5	19.5	4.5	20.5	19.9	19.6	19.7	0.0	20.2
		3	1	19.7	19.6	19.5	4.5	20.5	19.9	19.7	19.7	0.0	20.2
		3	3	19.8	19.6	19.6	4.5	20.5	19.9	19.7	19.8	0.0	20.2
		6	0	19.7	19.4	19.5	4.5	20.5	19.8	19.5	19.5	0.0	20.2

LTE Band 25 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26140	26365	26590	MPR	Tune-up Limit	26140	26365	26590	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20 MHz	QPSK	1	0	17.4	17.3	17.3	0	18.2	19.4	19.3	19.4	0	19.7
		1	49	17.4	17.4	17.3	0	18.2	19.4	19.4	19.4	0	19.7
		1	99	17.4	17.3	17.3	0	18.2	19.4	19.3	19.3	0	19.7
		50	0	17.3	17.3	17.2	0	18.2	19.1	19.4	19.2	0	19.7
		50	24	17.4	17.4	17.2	0	18.2	19.2	19.4	19.3	0	19.7
		50	50	17.4	17.2	17.2	0	18.2	19.2	19.4	19.2	0	19.7
		100	0	17.3	17.3	17.2	0	18.2	19.2	19.4	19.1	0	19.7
	16QAM	1	0	17.3	17.1	17.4	0	18.2	19.4	19.3	19.4	0	19.7
		1	49	17.3	17.3	17.3	0	18.2	19.4	19.4	19.4	0	19.7
		1	99	17.2	17.2	17.2	0	18.2	19.4	19.2	19.3	0	19.7
		50	0	17.2	17.3	17.1	0	18.2	19.1	19.2	19.1	0	19.7
		50	24	17.2	17.4	17.1	0	18.2	19.2	19.3	19.1	0	19.7
		50	50	17.3	17.4	17.1	0	18.2	19.1	19.2	19.1	0	19.7
		100	0	17.2	17.3	17.1	0	18.2	19.1	19.2	19.1	0	19.7
	64QAM	1	0	17.3	17.4	17.3	0	18.2	19.1	19.3	19.2	0	19.7
		1	49	17.2	17.4	17.3	0	18.2	19.3	19.4	19.3	0	19.7
		1	99	17.2	17.3	17.1	0	18.2	19.2	19.2	19.0	0	19.7
		50	0	17.2	17.3	17.2	0	18.2	18.4	18.6	18.5	0	19.7
		50	24	17.3	17.4	17.2	0	18.2	18.6	18.7	18.5	0	19.7
		50	50	17.3	17.4	17.2	0	18.2	18.5	18.7	18.4	0	19.7
		100	0	17.2	17.3	17.2	0	18.2	18.5	18.6	18.5	0	19.7
	256QAM	1	0	17.1	17.3	17.2	0	18.2	17.3	17.6	17.5	1.3	18.4
		1	49	17.2	17.3	17.2	0	18.2	17.4	17.7	17.5	1.3	18.4
		1	99	17.3	17.3	17.1	0	18.2	17.6	17.6	17.5	1.3	18.4
		50	0	16.9	17.1	17.1	0	18.2	17.2	17.4	17.4	1.3	18.4
		50	24	17.0	17.2	17.1	0	18.2	17.3	17.5	17.5	1.3	18.4
		50	50	17.0	17.2	17.1	0	18.2	17.3	17.5	17.4	1.3	18.4
		100	0	17.0	17.2	17.1	0	18.2	17.3	17.5	17.5	1.3	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Tune-up Limit	26115	26365	26615	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15 MHz	QPSK	1	0	17.1	17.3	17.1	0	18.2	19.0	19.1	19.0	0	19.7
		1	37	17.1	17.2	17.0	0	18.2	19.1	19.1	19.0	0	19.7
		1	74	17.1	17.2	17.0	0	18.2	19.1	19.0	18.9	0	19.7
		36	0	17.1	17.3	17.1	0	18.2	19.0	19.2	19.1	0	19.7
		36	20	17.2	17.3	17.1	0	18.2	19.1	19.2	19.1	0	19.7
		36	39	17.2	17.3	17.1	0	18.2	19.1	19.2	19.1	0	19.7
		75	0	17.2	17.3	17.1	0	18.2	19.1	19.2	19.0	0	19.7
	16QAM	1	0	17.4	17.3	17.3	0	18.2	19.3	19.4	19.3	0	19.7
		1	37	17.4	17.3	17.4	0	18.2	19.3	19.4	19.4	0	19.7
		1	74	17.4	17.2	17.2	0	18.2	19.3	19.3	19.2	0	19.7
		36	0	17.1	17.4	17.1	0	18.2	19.0	19.2	19.1	0	19.7
		36	20	17.2	17.4	17.1	0	18.2	19.1	19.2	19.1	0	19.7
		36	39	17.2	17.4	17.1	0	18.2	19.1	19.2	19.1	0	19.7
		75	0	17.2	17.3	17.1	0	18.2	19.1	19.2	19.0	0	19.7
	64QAM	1	0	17.3	17.3	17.3	0	18.2	19.2	19.4	19.2	0	19.7
		1	37	17.3	17.4	17.3	0	18.2	19.2	19.4	19.2	0	19.7
		1	74	17.3	17.4	17.2	0	18.2	19.3	19.3	19.1	0	19.7
		36	0	17.1	17.4	17.2	0	18.2	18.4	18.6	18.5	0	19.7
		36	20	17.2	17.4	17.2	0	18.2	18.5	18.7	18.5	0	19.7
		36	39	17.2	17.4	17.1	0	18.2	18.5	18.6	18.5	0	19.7
		75	0	17.2	17.4	17.2	0	18.2	18.5	18.6	18.5	0	19.7
	256QAM	1	0	17.0	17.1	17.2	0	18.2	17.3	17.5	17.5	1.3	18.4
		1	37	17.1	17.1	17.2	0	18.2	17.4	17.6	17.5	1.3	18.4
		1	74	17.1	17.1	17.2	0	18.2	17.4	17.6	17.5	1.3	18.4
		36	0	16.9	17.1	17.0	0	18.2	17.2	17.4	17.3	1.3	18.4
		36	20	17.0	17.2	17.0	0	18.2	17.3	17.5	17.3	1.3	18.4
		36	39	17.0	17.2	17.1	0	18.2	17.3	17.5	17.4	1.3	18.4
		75	0	17.0	17.2	17.0	0	18.2	17.3	17.5	17.3	1.3	18.4

LTE Band 25 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26090	26365	26640			26090	26365	26640		
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10 MHz	QPSK	1	0	17.2	17.3	17.1	0	18.2	19.1	19.3	19.1	0	19.7
		1	25	17.2	17.4	17.1	0	18.2	19.1	19.3	19.1	0	19.7
		1	49	17.2	17.3	17.0	0	18.2	19.1	19.2	19.0	0	19.7
		25	0	17.2	17.4	17.2	0	18.2	19.1	19.4	19.1	0	19.7
		25	12	17.3	17.4	17.2	0	18.2	19.2	19.4	19.1	0	19.7
		25	25	17.3	17.4	17.1	0	18.2	19.2	19.4	19.1	0	19.7
		50	0	17.3	17.3	17.2	0	18.2	19.2	19.4	19.1	0	19.7
	16QAM	1	0	17.4	17.3	17.3	0	18.2	19.4	19.3	19.4	0	19.7
		1	25	17.4	17.3	17.2	0	18.2	19.4	19.4	19.4	0	19.7
		1	49	17.4	17.3	17.3	0	18.2	19.4	19.3	19.3	0	19.7
		25	0	17.3	17.1	17.2	0	18.2	19.1	19.4	19.2	0	19.7
		25	12	17.3	17.1	17.2	0	18.2	19.2	19.4	19.2	0	19.7
		25	25	17.4	17.1	17.2	0	18.2	19.2	19.4	19.2	0	19.7
		50	0	17.3	17.1	17.2	0	18.2	19.2	19.4	19.1	0	19.7
	64QAM	1	0	17.3	17.2	17.4	0	18.2	19.3	19.3	19.4	0	19.7
		1	25	17.4	17.2	17.4	0	18.2	19.4	19.3	19.4	0	19.7
		1	49	17.3	17.2	17.3	0	18.2	19.4	19.2	19.3	0	19.7
		25	0	17.2	17.1	17.3	0	18.2	18.5	18.8	18.6	0	19.7
		25	12	17.3	17.1	17.3	0	18.2	18.6	18.8	18.6	0	19.7
		25	25	17.3	17.1	17.2	0	18.2	18.6	18.8	18.5	0	19.7
		50	0	17.3	17.1	17.3	0	18.2	18.6	18.8	18.5	0	19.7
	256QAM	1	0	17.1	17.2	17.2	0	18.2	17.3	17.6	17.5	1.3	18.4
		1	25	17.2	17.4	17.3	0	18.2	17.4	17.7	17.6	1.3	18.4
		1	49	17.2	17.4	17.2	0	18.2	17.4	17.7	17.5	1.3	18.4
		25	0	17.0	17.3	17.2	0	18.2	17.3	17.6	17.4	1.3	18.4
		25	12	17.1	17.3	17.2	0	18.2	17.4	17.6	17.5	1.3	18.4
		25	25	17.1	17.3	17.2	0	18.2	17.4	17.6	17.5	1.3	18.4
		50	0	17.1	17.3	17.2	0	18.2	17.4	17.6	17.5	1.3	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26065	26365	26665			26065	26365	26665		
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5 MHz	QPSK	1	0	17.2	17.4	17.1	0	18.2	19.1	19.3	19.0	0	19.7
		1	12	17.3	17.4	17.1	0	18.2	19.2	19.3	19.1	0	19.7
		1	24	17.2	17.3	17.0	0	18.2	19.1	19.3	19.0	0	19.7
		12	0	17.2	17.4	17.1	0	18.2	19.1	19.3	19.1	0	19.7
		12	7	17.3	17.4	17.1	0	18.2	19.2	19.3	19.1	0	19.7
		12	13	17.2	17.4	17.1	0	18.2	19.1	19.3	19.1	0	19.7
		25	0	17.3	17.4	17.1	0	18.2	19.1	19.3	19.1	0	19.7
	16QAM	1	0	17.4	17.3	17.4	0	18.2	19.2	19.4	19.3	0	19.7
		1	12	17.4	17.4	17.4	0	18.2	19.3	19.2	19.4	0	19.7
		1	24	17.4	17.3	17.4	0	18.2	19.3	19.2	19.3	0	19.7
		12	0	17.3	17.2	17.2	0	18.2	19.1	19.4	19.2	0	19.7
		12	7	17.4	17.2	17.2	0	18.2	19.2	19.4	19.2	0	19.7
		12	13	17.4	17.2	17.2	0	18.2	19.2	19.4	19.2	0	19.7
		25	0	17.3	17.4	17.1	0	18.2	19.2	19.3	19.1	0	19.7
	64QAM	1	0	17.4	17.3	17.3	0	18.2	19.3	19.3	19.1	0	19.7
		1	12	17.4	17.2	17.3	0	18.2	19.3	19.3	19.1	0	19.7
		1	24	17.4	17.3	17.2	0	18.2	19.3	19.3	19.0	0	19.7
		12	0	17.2	17.3	17.2	0	18.2	18.5	18.8	18.5	0	19.7
		12	7	17.3	17.3	17.2	0	18.2	18.6	18.8	18.5	0	19.7
		12	13	17.3	17.3	17.2	0	18.2	18.6	18.8	18.5	0	19.7
		25	0	17.3	17.3	17.2	0	18.2	18.5	18.8	18.5	0	19.7
	256QAM	1	0	17.1	17.4	17.3	0	18.2	17.4	17.7	17.6	1.3	18.4
		1	12	17.1	17.4	17.4	0	18.2	17.5	17.6	17.6	1.3	18.4
		1	24	17.1	17.4	17.4	0	18.2	17.5	17.8	17.6	1.3	18.4
		12	0	17.0	17.3	17.1	0	18.2	17.3	17.6	17.4	1.3	18.4
		12	7	17.0	17.3	17.1	0	18.2	17.4	17.6	17.4	1.3	18.4
		12	13	17.0	17.3	17.2	0	18.2	17.4	17.6	17.5	1.3	18.4
		25	0	17.0	17.3	17.1	0	18.2	17.3	17.6	17.4	1.3	18.4

LTE Band 25 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26055	26365	26675			26055	26365	26675		
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3 MHz	QPSK	1	0	17.2	17.3	17.1	0	18.2	19.1	19.3	18.9	0	19.7
		1	8	17.2	17.4	17.1	0	18.2	19.1	19.3	19.0	0	19.7
		1	14	17.2	17.3	17.0	0	18.2	19.0	19.2	18.9	0	19.7
		8	0	17.1	17.4	17.1	0	18.2	19.0	19.3	19.0	0	19.7
		8	4	17.3	17.4	17.2	0	18.2	19.1	19.3	19.0	0	19.7
		8	7	17.3	17.4	17.2	0	18.2	19.1	19.3	19.0	0	19.7
		15	0	17.2	17.3	17.1	0	18.2	19.1	19.3	18.9	0	19.7
	16QAM	1	0	17.3	17.4	17.3	0	18.2	19.3	19.3	19.3	0	19.7
		1	8	17.4	17.3	17.4	0	18.2	19.4	19.3	19.2	0	19.7
		1	14	17.3	17.3	17.2	0	18.2	19.4	19.3	19.1	0	19.7
		8	0	17.3	17.3	17.2	0	18.2	19.1	19.4	19.0	0	19.7
		8	4	17.4	17.3	17.2	0	18.2	19.2	19.4	19.0	0	19.7
		8	7	17.4	17.3	17.2	0	18.2	19.2	19.4	19.0	0	19.7
		15	0	17.3	17.4	17.2	0	18.2	19.2	19.3	19.0	0	19.7
	64QAM	1	0	17.4	17.2	17.4	0	18.2	19.4	19.4	19.3	0	19.7
		1	8	17.3	17.3	17.4	0	18.2	19.4	19.4	19.2	0	19.7
		1	14	17.4	17.2	17.4	0	18.2	19.4	19.3	19.2	0	19.7
		8	0	17.2	17.4	17.2	0	18.2	18.5	18.7	18.5	0	19.7
		8	4	17.3	17.2	17.2	0	18.2	18.6	18.7	18.5	0	19.7
		8	7	17.3	17.2	17.2	0	18.2	18.5	18.7	18.5	0	19.7
		15	0	17.3	17.2	17.2	0	18.2	18.5	18.7	18.5	0	19.7
	256QAM	1	0	17.1	17.3	17.3	0	18.2	17.4	17.6	17.6	1.3	18.4
		1	8	17.2	17.4	17.3	0	18.2	17.5	17.7	17.6	1.3	18.4
		1	14	17.2	17.3	17.2	0	18.2	17.4	17.6	17.6	1.3	18.4
		8	0	17.0	17.3	17.2	0	18.2	17.4	17.6	17.4	1.3	18.4
		8	4	17.1	17.3	17.2	0	18.2	17.4	17.6	17.4	1.3	18.4
		8	7	17.0	17.3	17.2	0	18.2	17.4	17.6	17.5	1.3	18.4
		15	0	17.0	17.2	17.1	0	18.2	17.3	17.6	17.4	1.3	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26047	26365	26683			26047	26365	26683		
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4 MHz	QPSK	1	0	17.1	17.4	17.1	0	18.2	19.0	19.3	19.0	0	19.7
		1	3	17.3	17.4	17.1	0	18.2	19.1	19.3	19.0	0	19.7
		1	5	17.2	17.4	17.1	0	18.2	19.1	19.3	19.0	0	19.7
		3	0	17.2	17.3	17.1	0	18.2	19.1	19.3	19.0	0	19.7
		3	1	17.2	17.4	17.1	0	18.2	19.1	19.3	19.0	0	19.7
		3	3	17.2	17.4	17.1	0	18.2	19.1	19.3	19.0	0	19.7
		6	0	17.2	17.4	17.1	0	18.2	19.1	19.3	19.0	0	19.7
	16QAM	1	0	17.4	17.3	17.4	0	18.2	19.3	19.3	19.3	0	19.7
		1	3	17.4	17.3	17.4	0	18.2	19.2	19.3	19.3	0	19.7
		1	5	17.4	17.3	17.4	0	18.2	19.3	19.3	19.2	0	19.7
		3	0	17.4	17.4	17.3	0	18.2	19.2	19.3	19.2	0	19.7
		3	1	17.4	17.4	17.3	0	18.2	19.3	19.3	19.1	0	19.7
		3	3	17.3	17.3	17.3	0	18.2	19.2	19.3	19.2	0	19.7
		6	0	17.2	17.2	17.2	0	18.2	19.2	19.1	19.1	0	19.7
	64QAM	1	0	17.4	17.4	17.3	0	18.2	19.3	19.2	19.3	0	19.7
		1	3	17.4	17.4	17.3	0	18.2	19.3	19.2	19.3	0	19.7
		1	5	17.4	17.3	17.3	0	18.2	19.3	19.2	19.3	0	19.7
		3	0	17.3	17.4	17.2	0	18.2	19.2	19.2	19.1	0	19.7
		3	1	17.3	17.4	17.2	0	18.2	19.1	19.2	19.1	0	19.7
		3	3	17.3	17.4	17.2	0	18.2	19.1	19.2	19.1	0	19.7
		6	0	17.2	17.3	17.1	0	18.2	18.5	18.8	18.4	0	19.7
	256QAM	1	0	17.0	17.3	17.2	0	18.2	17.4	17.6	17.5	1.3	18.4
		1	3	17.1	17.3	17.2	0	18.2	17.5	17.7	17.5	1.3	18.4
		1	5	17.0	17.3	17.2	0	18.2	17.4	17.6	17.5	1.3	18.4
		3	0	17.0	17.2	17.1	0	18.2	17.4	17.5	17.5	1.3	18.4
		3	1	17.0	17.3	17.1	0	18.2	17.4	17.6	17.4	1.3	18.4
		3	3	17.1	17.2	17.1	0	18.2	17.4	17.6	17.5	1.3	18.4
		6	0	16.9	17.1	17.1	0	18.2	17.3	17.5	17.4	1.3	18.4

LTE Band 26 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26740	26865	26990	MPR	Tune-up Limit	26740	26865	26990	MPR	Tune-up Limit
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10 MHz	QPSK	1	0	25.5	25.5	25.4	0	25.7	25.5	25.5	25.4	0	25.7
		1	25	25.5	25.6	25.4	0	25.7	25.5	25.6	25.4	0	25.7
		1	49	25.5	25.5	25.3	0	25.7	25.5	25.5	25.3	0	25.7
		25	0	24.5	24.5	24.4	1	24.7	24.5	24.5	24.4	1	24.7
		25	12	24.6	24.6	24.4	1	24.7	24.6	24.6	24.4	1	24.7
		25	25	24.6	24.5	24.4	1	24.7	24.6	24.5	24.4	1	24.7
		50	0	24.6	24.5	24.4	1	24.7	24.6	24.5	24.4	1	24.7
	16QAM	1	0	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
		1	25	24.1	24.5	24.5	1	24.7	24.1	24.5	24.5	1	24.7
		1	49	24.3	24.6	24.5	1	24.7	24.3	24.6	24.5	1	24.7
		25	0	23.5	23.5	23.4	2	23.7	23.5	23.5	23.4	2	23.7
		25	12	23.6	23.6	23.5	2	23.7	23.6	23.6	23.5	2	23.7
		25	25	23.6	23.6	23.5	2	23.7	23.6	23.6	23.5	2	23.7
		50	0	23.6	23.5	23.4	2	23.7	23.6	23.5	23.4	2	23.7
	64QAM	1	0	23.5	23.4	23.5	2	23.7	23.5	23.4	23.5	2	23.7
		1	25	23.6	23.4	23.5	2	23.7	23.6	23.4	23.5	2	23.7
		1	49	23.5	23.3	23.4	2	23.7	23.5	23.3	23.4	2	23.7
		25	0	22.3	22.3	22.3	3	22.7	22.3	22.3	22.3	3	22.7
		25	12	22.3	22.3	22.3	3	22.7	22.3	22.3	22.3	3	22.7
		25	25	22.3	22.3	22.3	3	22.7	22.3	22.3	22.3	3	22.7
		50	0	22.3	22.3	22.2	3	22.7	22.3	22.3	22.2	3	22.7
	256QAM	1	0	20.4	20.4	20.4	5	20.7	20.4	20.4	20.4	5	20.7
		1	25	20.4	20.5	20.4	5	20.7	20.4	20.5	20.4	5	20.7
		1	49	20.4	20.4	20.4	5	20.7	20.4	20.4	20.4	5	20.7
		25	0	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	5	20.7
		25	12	20.4	20.4	20.3	5	20.7	20.4	20.4	20.3	5	20.7
		25	25	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	5	20.7
		50	0	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	Tune-up Limit	26715	26865	27015	MPR	Tune-up Limit
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5 MHz	QPSK	1	0	25.5	25.5	25.3	0	25.7	25.5	25.5	25.3	0	25.7
		1	12	25.6	25.6	25.4	0	25.7	25.6	25.6	25.4	0	25.7
		1	24	25.5	25.5	25.3	0	25.7	25.5	25.5	25.3	0	25.7
		12	0	24.5	24.5	24.3	1	24.7	24.5	24.5	24.3	1	24.7
		12	7	24.5	24.6	24.4	1	24.7	24.5	24.6	24.4	1	24.7
		12	13	24.5	24.5	24.4	1	24.7	24.5	24.5	24.4	1	24.7
		25	0	24.5	24.5	24.3	1	24.7	24.5	24.5	24.3	1	24.7
	16QAM	1	0	24.2	24.4	24.3	1	24.7	24.2	24.4	24.3	1	24.7
		1	12	24.4	24.3	24.4	1	24.7	24.4	24.3	24.4	1	24.7
		1	24	24.0	24.4	24.5	1	24.7	24.0	24.4	24.5	1	24.7
		12	0	23.4	23.6	23.4	2	23.7	23.4	23.6	23.4	2	23.7
		12	7	23.5	23.7	23.5	2	23.7	23.5	23.7	23.5	2	23.7
		12	13	23.5	23.7	23.5	2	23.7	23.5	23.7	23.5	2	23.7
		25	0	23.5	23.6	23.4	2	23.7	23.5	23.6	23.4	2	23.7
	64QAM	1	0	23.5	23.4	23.4	2	23.7	23.5	23.4	23.4	2	23.7
		1	12	23.5	23.5	23.4	2	23.7	23.5	23.5	23.4	2	23.7
		1	24	23.4	23.4	23.3	2	23.7	23.4	23.4	23.3	2	23.7
		12	0	22.4	22.2	22.2	3	22.7	22.4	22.2	22.2	3	22.7
		12	7	22.4	22.3	22.3	3	22.7	22.4	22.3	22.3	3	22.7
		12	13	22.4	22.3	22.3	3	22.7	22.4	22.3	22.3	3	22.7
		25	0	22.4	22.3	22.2	3	22.7	22.4	22.3	22.2	3	22.7
	256QAM	1	0	20.5	20.3	20.4	5	20.7	20.5	20.3	20.4	5	20.7
		1	12	20.6	20.4	20.5	5	20.7	20.6	20.4	20.5	5	20.7
		1	24	20.6	20.3	20.4	5	20.7	20.6	20.3	20.4	5	20.7
		12	0	20.3	20.2	20.2	5	20.7	20.3	20.2	20.2	5	20.7
		12	7	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7
		12	13	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7
		25	0	20.4	20.3	20.2	5	20.7	20.4	20.3	20.2	5	20.7

LTE Band 26 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26705	26865	27025			26705	26865	27025		
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3 MHz	QPSK	1	0	25.4	25.4	25.3	0	25.7	25.4	25.4	25.3	0	25.7
		1	8	25.5	25.6	25.4	0	25.7	25.5	25.6	25.4	0	25.7
		1	14	25.4	25.4	25.3	0	25.7	25.4	25.4	25.3	0	25.7
		8	0	24.4	24.5	24.4	1	24.7	24.4	24.5	24.4	1	24.7
		8	4	24.5	24.5	24.4	1	24.7	24.5	24.5	24.4	1	24.7
		8	7	24.5	24.5	24.4	1	24.7	24.5	24.5	24.4	1	24.7
		15	0	24.5	24.5	24.3	1	24.7	24.5	24.5	24.3	1	24.7
	16QAM	1	0	24.5	24.4	24.4	1	24.7	24.5	24.4	24.4	1	24.7
		1	8	24.4	24.2	24.4	1	24.7	24.4	24.2	24.4	1	24.7
		1	14	24.5	24.3	24.4	1	24.7	24.5	24.3	24.4	1	24.7
		8	0	23.5	23.5	23.5	2	23.7	23.5	23.5	23.5	2	23.7
		8	4	23.6	23.6	23.5	2	23.7	23.6	23.6	23.5	2	23.7
		8	7	23.6	23.6	23.5	2	23.7	23.6	23.6	23.5	2	23.7
		15	0	23.5	23.5	23.4	2	23.7	23.5	23.5	23.4	2	23.7
	64QAM	1	0	23.5	23.4	23.4	2	23.7	23.5	23.4	23.4	2	23.7
		1	8	23.6	23.5	23.5	2	23.7	23.6	23.5	23.5	2	23.7
		1	14	23.5	23.4	23.4	2	23.7	23.5	23.4	23.4	2	23.7
		8	0	22.4	22.3	22.3	3	22.7	22.4	22.3	22.3	3	22.7
		8	4	22.4	22.4	22.3	3	22.7	22.4	22.4	22.3	3	22.7
		8	7	22.4	22.3	22.3	3	22.7	22.4	22.3	22.3	3	22.7
		15	0	22.4	22.3	22.3	3	22.7	22.4	22.3	22.3	3	22.7
	256QAM	1	0	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7
		1	8	20.6	20.5	20.4	5	20.7	20.6	20.5	20.4	5	20.7
		1	14	20.6	20.4	20.3	5	20.7	20.6	20.4	20.3	5	20.7
		8	0	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7
		8	4	20.4	20.3	20.4	5	20.7	20.4	20.3	20.4	5	20.7
		8	7	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7
		15	0	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26697	26865	27033			26697	26865	27033		
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4 MHz	QPSK	1	0	25.4	25.4	25.3	0	25.7	25.4	25.4	25.3	0	25.7
		1	3	25.5	25.5	25.4	0	25.7	25.5	25.5	25.4	0	25.7
		1	5	25.4	25.5	25.3	0	25.7	25.4	25.5	25.3	0	25.7
		3	0	25.5	25.5	25.3	0	25.7	25.5	25.5	25.3	0	25.7
		3	1	25.5	25.5	25.3	0	25.7	25.5	25.5	25.3	0	25.7
		3	3	25.5	25.5	25.3	0	25.7	25.5	25.5	25.3	0	25.7
		6	0	24.4	24.5	24.3	1	24.7	24.4	24.5	24.3	1	24.7
	16QAM	1	0	24.3	24.5	24.4	1	24.7	24.3	24.5	24.4	1	24.7
		1	3	24.4	24.3	24.4	1	24.7	24.4	24.3	24.4	1	24.7
		1	5	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		3	0	24.6	24.7	24.5	1	24.7	24.6	24.7	24.5	1	24.7
		3	1	24.6	24.7	24.5	1	24.7	24.6	24.7	24.5	1	24.7
		3	3	24.6	24.6	24.5	1	24.7	24.6	24.6	24.5	1	24.7
		6	0	23.5	23.5	23.4	2	23.7	23.5	23.5	23.4	2	23.7
	64QAM	1	0	23.4	23.4	23.3	2	23.7	23.4	23.4	23.3	2	23.7
		1	3	23.5	23.5	23.4	2	23.7	23.5	23.5	23.4	2	23.7
		1	5	23.4	23.5	23.2	2	23.7	23.4	23.5	23.2	2	23.7
		3	0	23.5	23.3	23.3	2	23.7	23.5	23.3	23.3	2	23.7
		3	1	23.5	23.3	23.4	2	23.7	23.5	23.3	23.4	2	23.7
		3	3	23.5	23.3	23.3	2	23.7	23.5	23.3	23.3	2	23.7
		6	0	22.4	22.2	22.3	3	22.7	22.4	22.2	22.3	3	22.7
	256QAM	1	0	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7
		1	3	20.6	20.4	20.4	5	20.7	20.6	20.4	20.4	5	20.7
		1	5	20.5	20.3	20.3	5	20.7	20.5	20.3	20.3	5	20.7
		3	0	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7
		3	1	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7
		3	3	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7
		6	0	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7

LTE Band 26 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26740	26865	26990	MPR	Tune-up Limit	26740	26865	26990	MPR	Tune-up Limit
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10 MHz	QPSK	1	0	22.4	22.4	22.2	0	23.1	24.0	23.9	23.8	0	24.7
		1	25	22.5	22.5	22.3	0	23.1	24.0	24.0	23.9	0	24.7
		1	49	22.3	22.4	22.2	0	23.1	23.8	23.8	23.9	0	24.7
		25	0	22.3	22.2	22.3	0	23.1	22.9	22.8	22.9	1	23.7
		25	12	22.3	22.3	22.3	0	23.1	23.0	23.0	22.9	1	23.7
		25	25	22.3	22.3	22.3	0	23.1	22.9	22.9	22.9	1	23.7
		50	0	22.3	22.3	22.3	0	23.1	23.0	22.9	22.9	1	23.7
	16QAM	1	0	22.2	22.3	22.2	0	23.1	22.9	22.9	22.9	1	23.7
		1	25	22.2	22.2	22.2	0	23.1	22.9	22.9	22.8	1	23.7
		1	49	22.2	22.3	22.2	0	23.1	22.9	22.8	22.9	1	23.7
		25	0	21.9	21.9	21.9	0.4	22.7	21.9	21.9	21.9	2	22.7
		25	12	21.9	21.9	21.9	0.4	22.7	22.0	21.9	21.9	2	22.7
		25	25	22.0	21.9	21.9	0.4	22.7	21.9	21.9	22.0	2	22.7
		50	0	22.0	21.9	21.9	0.4	22.7	22.0	21.9	21.9	2	22.7
	64QAM	1	0	21.9	21.9	22.0	0.4	22.7	21.9	21.8	21.9	2	22.7
		1	25	21.9	21.9	22.1	0.4	22.7	21.9	21.8	22.0	2	22.7
		1	49	21.9	22.0	22.0	0.4	22.7	21.9	21.9	22.0	2	22.7
		25	0	20.7	20.8	20.9	1.4	21.7	20.6	20.7	20.8	3	21.7
		25	12	20.8	20.8	20.9	1.4	21.7	20.7	20.7	20.8	3	21.7
		25	25	20.8	20.8	20.9	1.4	21.7	20.7	20.7	20.8	3	21.7
		50	0	20.8	20.8	20.9	1.4	21.7	20.7	20.7	20.8	3	21.7
	256QAM	1	0	18.9	18.9	18.9	3.4	19.7	18.7	18.7	18.8	5	19.7
		1	25	18.9	19.0	18.9	3.4	19.7	18.8	18.8	18.9	5	19.7
		1	49	18.9	19.0	19.0	3.4	19.7	18.7	18.9	18.9	5	19.7
		25	0	18.7	18.8	18.8	3.4	19.7	18.7	18.7	18.8	5	19.7
		25	12	18.8	18.8	18.9	3.4	19.7	18.7	18.7	18.8	5	19.7
		25	25	18.8	18.8	18.9	3.4	19.7	18.7	18.7	18.8	5	19.7
		50	0	18.8	18.8	18.8	3.4	19.7	18.7	18.7	18.8	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	Tune-up Limit	26715	26865	27015	MPR	Tune-up Limit
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5 MHz	QPSK	1	0	22.4	22.3	22.3	0	23.1	23.9	23.8	23.9	0	24.7
		1	12	22.5	22.4	22.4	0	23.1	24.0	23.9	24.0	0	24.7
		1	24	22.3	22.3	22.3	0	23.1	23.9	23.8	23.8	0	24.7
		12	0	22.4	22.3	22.3	0	23.1	22.9	22.9	22.9	1	23.7
		12	7	22.5	22.3	22.4	0	23.1	23.0	22.9	22.9	1	23.7
		12	13	22.4	22.3	22.4	0	23.1	22.9	22.8	22.9	1	23.7
		25	0	22.5	22.3	22.3	0	23.1	23.0	22.8	22.8	1	23.7
	16QAM	1	0	22.3	22.2	22.3	0	23.1	23.0	22.9	22.8	1	23.7
		1	12	22.3	22.2	22.3	0	23.1	22.8	22.9	22.9	1	23.7
		1	24	22.2	22.3	22.3	0	23.1	22.9	22.9	22.8	1	23.7
		12	0	22.1	22.0	21.9	0.4	22.7	22.0	21.9	21.7	2	22.7
		12	7	22.2	22.0	22.0	0.4	22.7	22.1	21.9	21.9	2	22.7
		12	13	22.1	21.9	21.9	0.4	22.7	22.0	21.8	21.8	2	22.7
		25	0	22.0	22.0	21.9	0.4	22.7	22.0	21.9	21.8	2	22.7
	64QAM	1	0	21.9	22.0	22.0	0.4	22.7	21.9	21.9	21.9	2	22.7
		1	12	22.0	22.0	22.1	0.4	22.7	21.8	21.9	21.9	2	22.7
		1	24	21.9	22.0	22.1	0.4	22.7	21.8	21.9	21.9	2	22.7
		12	0	20.8	20.7	20.8	1.4	21.7	20.6	20.6	20.7	3	21.7
		12	7	20.9	20.8	20.9	1.4	21.7	20.8	20.7	20.8	3	21.7
		12	13	20.8	20.8	20.9	1.4	21.7	20.8	20.7	20.8	3	21.7
		25	0	20.8	20.8	20.8	1.4	21.7	20.7	20.7	20.7	3	21.7
	256QAM	1	0	18.9	18.8	19.0	3.4	19.7	18.8	18.8	18.9	5	19.7
		1	12	19.0	18.9	19.1	3.4	19.7	18.9	18.9	19.0	5	19.7
		1	24	19.0	18.9	19.0	3.4	19.7	18.9	18.8	18.9	5	19.7
		12	0	18.8	18.7	18.8	3.4	19.7	18.7	18.6	18.7	5	19.7
		12	7	18.9	18.8	19.0	3.4	19.7	18.8	18.7	18.8	5	19.7
		12	13	18.8	18.8	18.9	3.4	19.7	18.7	18.7	18.8	5	19.7
		25	0	18.8	18.8	18.8	3.4	19.7	18.7	18.7	18.7	5	19.7

LTE Band 26 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26705	26865	27025			26705	26865	27025		
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3 MHz	QPSK	1	0	22.3	22.2	22.3	0	23.1	23.9	23.8	23.8	0	24.7
		1	8	22.4	22.3	22.3	0	23.1	24.0	23.9	23.9	0	24.7
		1	14	22.4	22.2	22.2	0	23.1	23.9	23.8	23.8	0	24.7
		8	0	22.4	22.3	22.4	0	23.1	23.0	22.9	22.9	1	23.7
		8	4	22.4	22.3	22.4	0	23.1	23.0	22.9	22.9	1	23.7
		8	7	22.4	22.3	22.4	0	23.1	23.0	22.9	22.9	1	23.7
		15	0	22.4	22.3	22.3	0	23.1	22.9	22.8	22.9	1	23.7
	16QAM	1	0	22.3	22.2	22.2	0	23.1	22.8	22.8	23.0	1	23.7
		1	8	22.3	22.3	22.3	0	23.1	22.9	23.0	22.9	1	23.7
		1	14	22.2	22.2	22.2	0	23.1	22.8	22.8	22.9	1	23.7
		8	0	22.1	22.0	22.0	0.4	22.7	22.1	21.9	22.0	2	22.7
		8	4	22.1	22.0	22.1	0.4	22.7	22.1	21.9	22.0	2	22.7
		8	7	22.1	22.0	22.1	0.4	22.7	22.1	21.9	22.0	2	22.7
		15	0	22.1	21.9	22.0	0.4	22.7	22.0	21.9	21.9	2	22.7
	64QAM	1	0	22.0	21.8	21.9	0.4	22.7	21.9	21.8	21.9	2	22.7
		1	8	22.1	21.9	22.0	0.4	22.7	21.9	21.9	22.0	2	22.7
		1	14	22.0	21.8	22.0	0.4	22.7	21.9	21.8	21.9	2	22.7
		8	0	20.8	20.7	20.9	1.4	21.7	20.7	20.6	20.8	3	21.7
		8	4	20.8	20.8	21.0	1.4	21.7	20.8	20.7	20.8	3	21.7
		8	7	20.8	20.8	20.9	1.4	21.7	20.7	20.7	20.8	3	21.7
		15	0	20.8	20.8	20.9	1.4	21.7	20.7	20.7	20.8	3	21.7
	256QAM	1	0	18.8	18.8	19.0	3.4	19.7	18.7	18.7	18.8	5	19.7
		1	8	19.0	18.9	19.0	3.4	19.7	18.9	18.9	18.9	5	19.7
		1	14	18.9	18.8	19.0	3.4	19.7	18.8	18.8	18.8	5	19.7
		8	0	18.8	18.7	18.9	3.4	19.7	18.7	18.6	18.8	5	19.7
		8	4	18.9	18.8	18.9	3.4	19.7	18.7	18.7	18.8	5	19.7
		8	7	18.8	18.8	18.9	3.4	19.7	18.8	18.7	18.8	5	19.7
		15	0	18.8	18.8	18.9	3.4	19.7	18.7	18.7	18.8	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26697	26865	27033			26697	26865	27033		
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4 MHz	QPSK	1	0	22.5	22.3	22.2	0	23.1	23.9	23.8	23.8	0	24.7
		1	3	22.5	22.3	22.2	0	23.1	23.9	23.8	23.9	0	24.7
		1	5	22.4	22.2	22.2	0	23.1	23.9	23.8	23.8	0	24.7
		3	0	22.4	22.3	22.2	0	23.1	23.9	23.8	23.8	0	24.7
		3	1	22.4	22.3	22.3	0	23.1	24.0	23.8	23.8	0	24.7
		3	3	22.4	22.3	22.3	0	23.1	24.0	23.8	23.8	0	24.7
		6	0	22.4	22.3	22.2	0	23.1	22.9	22.8	22.8	1	23.7
	16QAM	1	0	22.3	22.1	22.2	0	23.1	22.9	22.9	22.9	1	23.7
		1	3	22.3	22.2	22.2	0	23.1	22.9	22.9	22.9	1	23.7
		1	5	22.3	22.1	22.2	0	23.1	22.8	22.9	22.9	1	23.7
		3	0	22.6	22.5	22.4	0	23.1	23.1	23.0	23.0	1	23.7
		3	1	22.6	22.4	22.4	0	23.1	23.1	23.0	23.0	1	23.7
		3	3	22.6	22.4	22.5	0	23.1	23.1	23.0	23.0	1	23.7
		6	0	22.1	21.8	21.9	0.4	22.7	22.0	21.8	21.9	2	22.7
	64QAM	1	0	21.8	21.8	22.0	0.4	22.7	21.7	21.8	22.0	2	22.7
		1	3	21.9	21.9	22.1	0.4	22.7	21.8	21.9	22.0	2	22.7
		1	5	21.9	21.9	22.0	0.4	22.7	21.7	21.8	22.0	2	22.7
		3	0	21.8	21.8	21.8	0.4	22.7	21.8	21.7	21.9	2	22.7
		3	1	21.9	21.8	21.8	0.4	22.7	21.8	21.7	21.9	2	22.7
		3	3	21.9	21.8	21.9	0.4	22.7	21.8	21.7	21.9	2	22.7
		6	0	20.7	20.8	20.8	1.4	21.7	20.7	20.6	20.7	3	21.7
	256QAM	1	0	18.8	18.7	18.9	3.4	19.7	18.7	18.7	18.8	5	19.7
		1	3	18.9	18.9	19.0	3.4	19.7	18.8	18.8	18.8	5	19.7
		1	5	18.8	18.8	18.9	3.4	19.7	18.8	18.8	18.8	5	19.7
		3	0	18.8	18.8	18.9	3.4	19.7	18.7	18.7	18.8	5	19.7
		3	1	18.8	18.8	18.9	3.4	19.7	18.7	18.7	18.8	5	19.7
		3	3	18.8	18.8	18.9	3.4	19.7	18.7	18.7	18.8	5	19.7
		6	0	18.7	18.6	18.8	3.4	19.7	18.6	18.6	18.6	5	19.7

LTE Band 30 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
10 MHz	QPSK	1	0	24.8	0	25.7	21.3	0	21.8
		1	25	24.9	0	25.7	21.4	0	21.8
		1	49	24.9	0	25.7	21.2	0	21.8
		25	0	23.8	1	24.7	21.3	0	21.8
		25	12	23.9	1	24.7	21.4	0	21.8
		25	25	23.9	1	24.7	21.2	0	21.8
		50	0	23.8	1	24.7	21.3	0	21.8
	16QAM	1	0	23.8	1	24.7	21.4	0	21.8
		1	25	23.8	1	24.7	21.4	0	21.8
		1	49	23.9	1	24.7	21.2	0	21.8
		25	0	22.8	2	23.7	21.3	0	21.8
		25	12	22.9	2	23.7	21.3	0	21.8
		25	25	22.9	2	23.7	21.2	0	21.8
		50	0	22.8	2	23.7	21.2	0	21.8
	64QAM	1	0	23.0	2	23.7	21.3	0	21.8
		1	25	23.1	2	23.7	21.4	0	21.8
		1	49	23.0	2	23.7	21.4	0	21.8
		25	0	21.8	3	22.7	21.3	0	21.8
		25	12	21.8	3	22.7	21.3	0	21.8
		25	25	21.9	3	22.7	21.3	0	21.8
		50	0	21.8	3	22.7	21.3	0	21.8
	256QAM	1	0	19.9	5	20.7	20.0	1.1	20.7
		1	25	20.1	5	20.7	20.1	1.1	20.7
		1	49	20.0	5	20.7	19.9	1.1	20.7
		25	0	19.8	5	20.7	19.9	1.1	20.7
		25	12	19.8	5	20.7	19.9	1.1	20.7
		25	25	19.9	5	20.7	19.9	1.1	20.7
		50	0	19.8	5	20.7	19.9	1.1	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
5 MHz	QPSK	1	0	24.8	0	25.7	21.3	0	21.8
		1	12	24.9	0	25.7	21.4	0	21.8
		1	24	24.8	0	25.7	21.3	0	21.8
		12	0	23.8	1	24.7	21.3	0	21.8
		12	7	23.9	1	24.7	21.3	0	21.8
		12	13	23.9	1	24.7	21.3	0	21.8
		25	0	23.8	1	24.7	21.3	0	21.8
	16QAM	1	0	23.9	1	24.7	21.4	0	21.8
		1	12	23.9	1	24.7	21.4	0	21.8
		1	24	23.8	1	24.7	21.4	0	21.8
		12	0	22.8	2	23.7	21.3	0	21.8
		12	7	22.9	2	23.7	21.4	0	21.8
		12	13	22.9	2	23.7	21.3	0	21.8
		25	0	22.8	2	23.7	21.2	0	21.8
	64QAM	1	0	23.1	2	23.7	21.3	0	21.8
		1	12	23.2	2	23.7	21.2	0	21.8
		1	24	23.1	2	23.7	21.3	0	21.8
		12	0	21.9	3	22.7	21.4	0	21.8
		12	7	22.0	3	22.7	21.4	0	21.8
		12	13	21.9	3	22.7	21.3	0	21.8
		25	0	21.8	3	22.7	21.3	0	21.8
	256QAM	1	0	19.9	5	20.7	20.1	1.1	20.7
		1	12	20.0	5	20.7	20.2	1.1	20.7
		1	24	19.9	5	20.7	20.0	1.1	20.7
		12	0	19.8	5	20.7	19.9	1.1	20.7
		12	7	20.0	5	20.7	20.0	1.1	20.7
		12	13	19.9	5	20.7	19.9	1.1	20.7
		25	0	19.8	5	20.7	19.9	1.1	20.7

LTE Band 30 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
10 MHz	QPSK	1	0	18.5	0	19.0	19.8	0	20.5
		1	25	18.5	0	19.0	19.9	0	20.5
		1	49	18.5	0	19.0	19.7	0	20.5
		25	0	18.5	0	19.0	19.8	0	20.5
		25	12	18.5	0	19.0	19.8	0	20.5
		25	25	18.5	0	19.0	19.7	0	20.5
		50	0	18.5	0	19.0	19.8	0	20.5
	16QAM	1	0	18.5	0	19.0	19.9	0	20.5
		1	25	18.5	0	19.0	19.9	0	20.5
		1	49	18.5	0	19.0	19.9	0	20.5
		25	0	18.5	0	19.0	19.8	0	20.5
		25	12	18.5	0	19.0	19.8	0	20.5
		25	25	18.5	0	19.0	19.7	0	20.5
		50	0	18.5	0	19.0	19.8	0	20.5
	64QAM	1	0	18.4	0	19.0	19.8	0	20.5
		1	25	18.4	0	19.0	19.8	0	20.5
		1	49	18.4	0	19.0	19.8	0	20.5
		25	0	18.2	0	19.0	19.3	0	20.5
		25	12	18.2	0	19.0	19.3	0	20.5
		25	25	18.2	0	19.0	19.3	0	20.5
		50	0	18.2	0	19.0	19.3	0	20.5
	256QAM	1	0	17.5	0.3	18.7	17.5	1.8	18.7
		1	25	17.6	0.3	18.7	17.5	1.8	18.7
		1	49	17.5	0.3	18.7	17.3	1.8	18.7
		25	0	17.4	0.3	18.7	17.3	1.8	18.7
		25	12	17.5	0.3	18.7	17.4	1.8	18.7
		25	25	17.4	0.3	18.7	17.3	1.8	18.7
		50	0	17.4	0.3	18.7	17.3	1.8	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
5 MHz	QPSK	1	0	18.4	0	19.0	19.8	0	20.5
		1	12	18.4	0	19.0	19.9	0	20.5
		1	24	18.4	0	19.0	19.7	0	20.5
		12	0	18.4	0	19.0	19.8	0	20.5
		12	7	18.4	0	19.0	19.8	0	20.5
		12	13	18.4	0	19.0	19.8	0	20.5
		25	0	18.4	0	19.0	19.7	0	20.5
	16QAM	1	0	18.4	0	19.0	19.9	0	20.5
		1	12	18.4	0	19.0	19.9	0	20.5
		1	24	18.4	0	19.0	19.9	0	20.5
		12	0	18.4	0	19.0	19.9	0	20.5
		12	7	18.4	0	19.0	19.8	0	20.5
		12	13	18.4	0	19.0	19.9	0	20.5
		25	0	18.4	0	19.0	19.8	0	20.5
	64QAM	1	0	18.4	0	19.0	19.8	0	20.5
		1	12	18.4	0	19.0	19.9	0	20.5
		1	24	18.4	0	19.0	19.9	0	20.5
		12	0	18.2	0	19.0	19.3	0	20.5
		12	7	18.2	0	19.0	19.4	0	20.5
		12	13	18.2	0	19.0	19.3	0	20.5
		25	0	18.2	0	19.0	19.3	0	20.5
	256QAM	1	0	17.6	0.3	18.7	17.5	1.8	18.7
		1	12	17.7	0.3	18.7	17.5	1.8	18.7
		1	24	17.6	0.3	18.7	17.4	1.8	18.7
		12	0	17.5	0.3	18.7	17.3	1.8	18.7
		12	7	17.5	0.3	18.7	17.3	1.8	18.7
		12	13	17.5	0.3	18.7	17.3	1.8	18.7
		25	0	17.5	0.3	18.7	17.3	1.8	18.7

LTE Band 30 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Tune-up Limit	27710 2310 MHz	MPR	Tune-up Limit
10 MHz	QPSK	1	0	22.5	0.0	23.1	19.6	0.0	20.5
		1	25	22.6	0.0	23.1	19.6	0.0	20.5
		1	49	22.5	0.0	23.1	19.6	0.0	20.5
		25	0	22.1	0.0	23.1	19.6	0.0	20.5
		25	12	22.2	0.0	23.1	19.6	0.0	20.5
		25	25	22.1	0.0	23.1	19.6	0.0	20.5
		50	0	22.1	0.0	23.1	19.6	0.0	20.5
	16QAM	1	0	22.5	0.0	23.1	19.6	0.0	20.5
		1	25	22.6	0.0	23.1	19.6	0.0	20.5
		1	49	22.5	0.0	23.1	19.6	0.0	20.5
		25	0	22.1	0.1	23.0	19.6	0.0	20.5
		25	12	22.2	0.1	23.0	19.6	0.0	20.5
		25	25	22.1	0.1	23.0	19.6	0.0	20.5
		50	0	22.0	0.1	23.0	19.6	0.0	20.5
	64QAM	1	0	22.6	0.1	23.0	19.6	0.0	20.5
		1	25	22.6	0.1	23.0	19.6	0.0	20.5
		1	49	22.6	0.1	23.0	19.6	0.0	20.5
		25	0	21.4	1.1	22.0	19.4	0.0	20.5
		25	12	21.5	1.1	22.0	19.5	0.0	20.5
		25	25	21.5	1.1	22.0	19.5	0.0	20.5
		50	0	21.4	1.1	22.0	19.4	0.0	20.5
	256QAM	1	0	19.6	3.1	20.0	19.2	0.5	20.0
		1	25	19.6	3.1	20.0	19.2	0.5	20.0
		1	49	19.6	3.1	20.0	19.1	0.5	20.0
		25	0	19.5	3.1	20.0	19.1	0.5	20.0
		25	12	19.5	3.1	20.0	19.2	0.5	20.0
		25	25	19.5	3.1	20.0	19.1	0.5	20.0
		50	0	19.4	3.1	20.0	19.0	0.5	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Tune-up Limit	27710 2310 MHz	MPR	Tune-up Limit
5 MHz	QPSK	1	0	22.1	0.0	23.1	19.6	0.0	20.5
		1	12	22.3	0.0	23.1	19.6	0.0	20.5
		1	24	22.2	0.0	23.1	19.6	0.0	20.5
		12	0	22.1	0.0	23.1	19.6	0.0	20.5
		12	7	22.2	0.0	23.1	19.6	0.0	20.5
		12	13	22.2	0.0	23.1	19.6	0.0	20.5
		25	0	22.1	0.0	23.1	19.6	0.0	20.5
	16QAM	1	0	22.6	0.0	23.1	19.5	0.0	20.5
		1	12	22.4	0.0	23.1	19.6	0.0	20.5
		1	24	22.6	0.0	23.1	19.5	0.0	20.5
		12	0	22.2	0.1	23.0	19.6	0.0	20.5
		12	7	22.2	0.1	23.0	19.6	0.0	20.5
		12	13	22.2	0.1	23.0	19.6	0.0	20.5
		25	0	22.1	0.1	23.0	19.6	0.0	20.5
	64QAM	1	0	22.6	0.1	23.0	19.6	0.0	20.5
		1	12	22.6	0.1	23.0	19.6	0.0	20.5
		1	24	22.6	0.1	23.0	19.6	0.0	20.5
		12	0	21.4	1.1	22.0	19.5	0.0	20.5
		12	7	21.5	1.1	22.0	19.6	0.0	20.5
		12	13	21.4	1.1	22.0	19.6	0.0	20.5
		25	0	21.5	1.1	22.0	19.5	0.0	20.5
	256QAM	1	0	19.4	3.1	20.0	19.2	0.5	20.0
		1	12	19.6	3.1	20.0	19.2	0.5	20.0
		1	24	19.4	3.1	20.0	19.2	0.5	20.0
		12	0	19.5	3.1	20.0	19.1	0.5	20.0
		12	7	19.6	3.1	20.0	19.2	0.5	20.0
		12	13	19.5	3.1	20.0	19.2	0.5	20.0
		25	0	19.5	3.1	20.0	19.2	0.5	20.0

LTE Band 30 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
10 MHz	QPSK	1	0	17.2	0.0	18.0	17.2	0.0	18.1
		1	25	17.4	0.0	18.0	17.4	0.0	18.1
		1	49	17.3	0.0	18.0	17.3	0.0	18.1
		25	0	17.2	0.0	18.0	17.2	0.0	18.1
		25	12	17.3	0.0	18.0	17.3	0.0	18.1
		25	25	17.2	0.0	18.0	17.2	0.0	18.1
		50	0	17.2	0.0	18.0	17.2	0.0	18.1
	16QAM	1	0	17.4	0.0	18.0	17.4	0.0	18.1
		1	25	17.4	0.0	18.0	17.4	0.0	18.1
		1	49	17.3	0.0	18.0	17.3	0.0	18.1
		25	0	17.1	0.0	18.0	17.1	0.0	18.1
		25	12	17.1	0.0	18.0	17.1	0.0	18.1
		25	25	17.0	0.0	18.0	17.0	0.0	18.1
		50	0	17.0	0.0	18.0	17.0	0.0	18.1
	64QAM	1	0	17.2	0.0	18.0	17.2	0.0	18.1
		1	25	17.2	0.0	18.0	17.2	0.0	18.1
		1	49	17.0	0.0	18.0	17.0	0.0	18.1
		25	0	17.0	0.0	18.0	17.0	0.0	18.1
		25	12	17.0	0.0	18.0	17.0	0.0	18.1
		25	25	16.9	0.0	18.0	16.9	0.0	18.1
		50	0	16.9	0.0	18.0	16.9	0.0	18.1
	256QAM	1	0	17.1	0.0	18.0	17.1	0.0	18.1
		1	25	17.2	0.0	18.0	17.2	0.0	18.1
		1	49	16.9	0.0	18.0	16.9	0.0	18.1
		25	0	17.1	0.0	18.0	17.1	0.0	18.1
		25	12	17.0	0.0	18.0	17.0	0.0	18.1
		25	25	17.0	0.0	18.0	17.0	0.0	18.1
		50	0	16.9	0.0	18.0	16.9	0.0	18.1

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
5 MHz	QPSK	1	0	17.4	0.0	18.0	17.4	0.0	18.1
		1	12	17.4	0.0	18.0	17.4	0.0	18.1
		1	24	17.4	0.0	18.0	17.4	0.0	18.1
		12	0	17.0	0.0	18.0	17.0	0.0	18.1
		12	7	17.2	0.0	18.0	17.2	0.0	18.1
		12	13	17.1	0.0	18.0	17.1	0.0	18.1
		25	0	17.0	0.0	18.0	17.0	0.0	18.1
	16QAM	1	0	17.4	0.0	18.0	17.4	0.0	18.1
		1	12	17.4	0.0	18.0	17.4	0.0	18.1
		1	24	17.4	0.0	18.0	17.4	0.0	18.1
		12	0	17.1	0.0	18.0	17.1	0.0	18.1
		12	7	17.2	0.0	18.0	17.2	0.0	18.1
		12	13	17.1	0.0	18.0	17.1	0.0	18.1
		25	0	17.1	0.0	18.0	17.1	0.0	18.1
	64QAM	1	0	17.2	0.0	18.0	17.2	0.0	18.1
		1	12	17.3	0.0	18.0	17.3	0.0	18.1
		1	24	17.2	0.0	18.0	17.2	0.0	18.1
		12	0	17.0	0.0	18.0	17.0	0.0	18.1
		12	7	17.1	0.0	18.0	17.1	0.0	18.1
		12	13	16.9	0.0	18.0	16.9	0.0	18.1
		25	0	16.9	0.0	18.0	16.9	0.0	18.1
	256QAM	1	0	17.1	0.0	18.0	17.1	0.0	18.1
		1	12	17.3	0.0	18.0	17.3	0.0	18.1
		1	24	17.0	0.0	18.0	17.0	0.0	18.1
		12	0	17.0	0.0	18.0	17.0	0.0	18.1
		12	7	17.0	0.0	18.0	17.0	0.0	18.1
		12	13	16.9	0.0	18.0	16.9	0.0	18.1
		25	0	16.9	0.0	18.0	16.9	0.0	18.1

LTE Band 41 Power Class 3 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20 MHz	QPSK	1	0	25.0	25.1	25.1	24.9	24.8	0	25.7	22.0	22.0	22.1	21.9	21.6	0	22.3
		1	49	25.0	25.1	25.1	24.8	24.7	0	25.7	22.0	22.0	22.2	21.9	22.0	0	22.3
		1	99	25.1	25.1	25.1	24.8	24.7	0	25.7	21.9	22.0	22.0	21.8	21.5	0	22.3
		50	0	24.1	24.2	24.2	24.0	23.8	1	24.7	22.1	22.0	22.1	21.9	21.6	0	22.3
		50	24	24.2	24.2	24.2	24.0	23.8	1	24.7	22.1	22.1	22.2	21.9	21.7	0	22.3
		50	50	24.1	24.1	24.1	23.8	23.7	1	24.7	22.0	22.0	22.0	21.8	21.5	0	22.3
		100	0	24.1	24.1	24.1	24.0	23.8	1	24.7	22.1	22.1	22.0	21.9	21.6	0	22.3
	16QAM	1	0	24.1	24.2	24.2	24.1	23.9	1	24.7	22.1	22.0	21.8	22.0	21.7	0	22.3
		1	49	24.2	24.3	23.9	24.0	24.2	1	24.7	22.1	21.8	22.1	22.1	21.9	0	22.3
		1	99	24.2	24.2	24.1	24.0	23.8	1	24.7	22.0	22.1	22.0	21.9	21.6	0	22.3
		50	0	23.1	23.2	23.2	23.0	22.8	2	23.7	22.1	22.1	22.1	21.9	21.6	0	22.3
		50	24	23.1	23.2	23.2	23.0	22.8	2	23.7	22.1	22.1	22.1	21.9	21.6	0	22.3
		50	50	23.1	23.1	23.1	22.9	22.7	2	23.7	22.0	22.0	22.0	21.8	21.5	0	22.3
		100	0	23.1	23.2	23.1	22.9	22.8	2	23.7	22.1	22.1	22.0	21.9	21.6	0	22.3
	64QAM	1	0	22.9	22.8	22.8	22.8	22.8	2	23.7	22.0	22.0	22.1	21.9	21.7	0	22.3
		1	49	23.0	23.0	22.8	22.9	22.8	2	23.7	22.0	22.1	22.0	21.9	21.7	0	22.3
		1	99	23.0	22.8	22.8	22.8	22.7	2	23.7	21.9	22.1	22.1	21.9	21.6	0	22.3
		50	0	22.0	21.9	21.9	21.8	21.7	3	22.7	22.1	22.1	22.1	21.9	21.7	0	22.3
		50	24	21.9	21.8	21.9	21.8	21.7	3	22.7	22.1	22.1	22.1	21.9	21.6	0	22.3
		50	50	21.9	21.8	21.8	21.7	21.6	3	22.7	22.0	22.0	22.0	21.8	21.5	0	22.3
		100	0	21.9	21.8	21.9	21.8	21.7	3	22.7	22.1	22.1	22.0	21.9	21.6	0	22.3
	256QAM	1	0	20.0	19.8	19.8	19.8	19.7	5	20.7	20.0	20.1	20.2	19.9	19.8	1.6	20.7
		1	49	20.0	19.8	19.8	19.9	19.6	5	20.7	20.0	20.0	20.1	19.9	19.7	1.6	20.7
		1	99	20.0	19.8	19.7	19.8	19.6	5	20.7	20.0	20.0	20.0	19.8	19.7	1.6	20.7
		50	0	20.0	19.9	19.9	19.8	19.7	5	20.7	20.2	20.2	20.2	20.0	19.7	1.6	20.7
		50	24	19.9	19.8	19.9	19.8	19.7	5	20.7	20.2	20.2	20.2	20.0	19.7	1.6	20.7
		50	50	19.9	19.8	19.8	19.7	19.6	5	20.7	20.1	20.1	20.1	19.9	19.6	1.6	20.7
		100	0	19.9	19.8	19.9	19.8	19.7	5	20.7	20.2	20.2	20.1	20.0	19.7	1.6	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
15 MHz	QPSK	1	0	24.9	24.9	25.0	24.7	24.5	0	25.7	22.1	22.0	22.1	21.9	21.6	0	22.3
		1	37	24.8	24.9	24.9	24.7	24.5	0	25.7	22.0	22.0	22.0	21.9	21.5	0	22.3
		1	74	24.8	24.9	24.9	24.6	24.4	0	25.7	22.1	22.0	22.0	21.8	21.6	0	22.3
		36	0	23.9	24.0	24.0	23.7	23.6	1	24.7	22.1	22.1	22.1	21.9	21.6	0	22.3
		36	20	23.9	23.9	24.0	23.7	23.5	1	24.7	22.1	22.1	22.1	21.9	21.6	0	22.3
		36	39	23.8	23.9	23.9	23.6	23.5	1	24.7	22.1	22.0	22.0	21.8	21.5	0	22.3
		75	0	23.9	23.9	23.9	23.7	23.5	1	24.7	22.1	22.1	22.1	21.9	21.6	0	22.3
	16QAM	1	0	23.8	23.9	23.9	23.7	23.5	1	24.7	22.1	22.1	22.0	21.8	21.6	0	22.3
		1	37	23.9	23.8	23.9	23.7	23.4	1	24.7	21.7	22.1	22.1	21.8	21.6	0	22.3
		1	74	23.8	23.9	23.9	23.6	23.4	1	24.7	22.1	22.1	22.0	21.8	21.5	0	22.3
		36	0	22.9	23.0	23.0	22.8	22.6	2	23.7	22.1	22.1	22.1	21.9	21.6	0	22.3
		36	20	22.9	22.9	23.0	22.7	22.6	2	23.7	22.0	22.1	22.1	21.9	21.6	0	22.3
		36	39	22.8	22.9	22.9	22.7	22.5	2	23.7	22.1	22.0	22.0	21.8	21.6	0	22.3
		75	0	22.9	23.0	23.0	22.7	22.6	2	23.7	22.0	22.1	22.1	21.8	21.6	0	22.3
	64QAM	1	0	22.6	22.6	22.6	22.5	22.4	2	23.7	22.1	22.0	22.0	21.8	21.5	0	22.3
		1	37	22.8	22.6	22.6	22.5	22.4	2	23.7	22.1	22.0	22.0	21.7	21.5	0	22.3
		1	74	22.7	22.5	22.6	22.5	22.4	2	23.7	22.0	21.9	21.9	21.7	21.5	0	22.3
		36	0	21.7	21.7	21.6	21.6	21.5	3	22.7	22.1	22.1	22.1	21.9	21.6	0	22.3
		36	20	21.8	21.7	21.6	21.6	21.5	3	22.7	22.1	22.1	22.1	21.9	21.6	0	22.3
		36	39	21.7	21.6	21.6	21.5	21.4	3	22.7	22.0	22.0	22.0	21.8	21.5	0	22.3
		75	0	21.7	21.6	21.6	21.6	21.5	3	22.7	21.9	22.1	22.1	21.9	21.6	0	22.3
	256QAM	1	0	19.7	19.6	19.6	19.6	19.4	5	20.7	20.2	20.2	20.2	19.9	19.7	1.6	20.7
		1	37	19.7	19.7	19.6	19.5	19.5	5	20.7	20.2	20.1	20.1	19.9	19.7	1.6	20.7
		1	74	19.7	19.6	19.5	19.5	19.4	5	20.7	20.2	20.1	20.0	19.9	19.6	1.6	20.7
		36	0	19.8	19.7	19.6	19.6	19.5	5	20.7	20.2	20.2	20.2	20.0	19.7	1.6	20.7
		36	20	19.8	19.7	19.6	19.6	19.5	5	20.7	20.2	20.2	20.2	20.0	19.7	1.6	20.7
		36	39	19.7	19.6	19.6	19.5	19.4	5	20.7	20.2	20.1	20.1	19.9	19.6	1.6	20.7
		75	0	19.7	19.6	19.7	19.6	19.5	5	20.7	20.3	20.2	20.2	20.0	19.7	1.6	20.7

LTE Band 41 Power Class 3 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
10 MHz	QPSK	1	0	25.0	25.1	25.1	24.8	24.6	0	25.7	22.1	22.1	22.1	22.0	21.7	0	22.3
		1	25	25.0	25.0	25.1	24.8	24.7	0	25.7	22.1	22.1	22.0	22.0	21.8	0	22.3
		1	49	25.0	25.0	25.0	24.7	24.6	0	25.7	22.1	22.0	22.0	21.9	21.7	0	22.3
		25	0	24.1	24.1	24.1	23.9	23.7	1	24.7	22.1	22.1	22.1	22.0	21.8	0	22.3
		25	12	24.0	24.0	24.0	23.9	23.7	1	24.7	22.1	22.1	22.1	22.0	21.8	0	22.3
		25	25	24.0	24.0	24.0	23.8	23.6	1	24.7	22.1	22.1	22.0	22.0	21.8	0	22.3
		50	0	24.1	24.1	24.1	23.9	23.7	1	24.7	22.1	22.1	22.1	22.0	21.8	0	22.3
	16QAM	1	0	24.1	23.9	24.1	23.9	23.7	1	24.7	22.0	22.0	22.1	22.1	21.7	0	22.3
		1	25	24.1	24.0	24.1	23.9	23.6	1	24.7	22.0	21.9	21.9	22.1	21.6	0	22.3
		1	49	24.1	23.9	24.0	23.8	23.5	1	24.7	22.0	21.9	22.0	22.0	21.7	0	22.3
		25	0	23.1	23.1	23.1	22.9	22.7	2	23.7	22.0	22.1	22.1	22.0	21.8	0	22.3
		25	12	23.0	23.1	23.1	22.9	22.7	2	23.7	22.1	22.1	22.1	22.0	21.8	0	22.3
		25	25	23.0	23.0	23.1	22.8	22.6	2	23.7	22.1	22.0	22.0	22.0	21.8	0	22.3
		50	0	23.1	23.1	23.1	22.9	22.7	2	23.7	22.1	22.1	22.1	22.0	21.8	0	22.3
	64QAM	1	0	22.9	22.8	22.7	22.6	22.7	2	23.7	22.1	22.1	22.1	21.9	21.7	0	22.3
		1	25	23.0	22.8	22.8	22.7	22.5	2	23.7	22.0	22.0	22.1	22.0	21.8	0	22.3
		1	49	22.8	23.0	22.6	22.6	22.5	2	23.7	21.9	22.1	22.1	21.9	21.7	0	22.3
		25	0	21.9	21.9	21.8	21.7	21.6	3	22.7	22.1	22.1	22.1	22.0	21.8	0	22.3
		25	12	21.9	21.9	21.8	21.7	21.7	3	22.7	22.1	22.1	22.1	22.0	21.8	0	22.3
		25	25	21.8	21.8	21.8	21.7	21.6	3	22.7	22.1	22.1	22.1	21.9	21.7	0	22.3
		50	0	21.8	21.8	21.8	21.7	21.7	3	22.7	22.1	22.1	22.1	22.0	21.8	0	22.3
	256QAM	1	0	19.8	19.6	19.7	19.7	19.6	5	20.7	20.2	20.1	20.0	20.2	19.9	1.6	20.7
		1	25	19.9	19.8	19.8	19.7	19.7	5	20.7	20.2	20.1	20.1	20.1	19.9	1.6	20.7
		1	49	19.7	19.6	19.6	19.6	19.5	5	20.7	20.1	20.0	19.9	20.0	19.7	1.6	20.7
		25	0	19.9	19.8	19.8	19.7	19.6	5	20.7	20.3	20.2	20.1	20.1	19.9	1.6	20.7
		25	12	19.9	19.9	19.8	19.7	19.7	5	20.7	20.2	20.2	20.1	20.2	20.0	1.6	20.7
		25	25	19.8	19.8	19.8	19.7	19.6	5	20.7	20.2	20.1	20.1	20.1	19.9	1.6	20.7
		50	0	19.8	19.8	19.8	19.8	19.7	5	20.7	20.2	20.2	20.1	20.1	20.0	1.6	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
5 MHz	QPSK	1	0	25.1	25.0	25.0	24.8	24.6	0	25.7	21.9	22.0	22.0	21.9	21.6	0	22.3
		1	12	25.0	25.0	24.9	24.9	24.7	0	25.7	22.1	22.1	22.1	22.0	21.8	0	22.3
		1	24	25.0	25.1	25.0	24.8	24.7	0	25.7	22.0	22.0	22.0	22.0	21.7	0	22.3
		12	0	24.1	24.1	24.1	23.9	23.7	1	24.7	22.0	22.1	22.1	22.0	21.8	0	22.3
		12	7	24.1	24.1	24.1	23.9	23.7	1	24.7	22.0	22.1	22.1	22.0	21.8	0	22.3
		12	13	24.0	24.0	24.1	23.9	23.6	1	24.7	21.9	22.1	22.1	22.0	21.7	0	22.3
		25	0	24.1	24.1	24.1	23.9	23.7	1	24.7	21.9	22.1	22.1	22.0	21.8	0	22.3
	16QAM	1	0	24.0	24.1	24.0	24.0	23.7	1	24.7	22.1	22.0	22.0	21.9	21.8	0	22.3
		1	12	24.1	24.0	24.1	24.1	23.8	1	24.7	22.1	22.1	22.1	22.1	21.9	0	22.3
		1	24	23.9	24.1	24.1	24.0	23.7	1	24.7	22.0	22.0	22.1	22.0	21.7	0	22.3
		12	0	23.0	23.0	23.1	22.8	22.7	2	23.7	22.0	22.1	22.0	22.1	21.7	0	22.3
		12	7	23.0	23.0	23.1	22.9	22.7	2	23.7	22.0	22.1	22.0	22.1	21.8	0	22.3
		12	13	22.9	22.9	23.1	22.8	22.6	2	23.7	22.0	22.1	22.0	22.0	21.7	0	22.3
		25	0	23.1	23.1	23.1	22.9	22.7	2	23.7	21.9	22.1	22.1	22.0	21.8	0	22.3
	64QAM	1	0	22.9	22.9	22.8	22.6	22.6	2	23.7	22.1	22.1	22.0	22.0	21.8	0	22.3
		1	12	23.0	22.9	22.9	22.7	22.7	2	23.7	22.1	22.1	22.1	22.1	21.9	0	22.3
		1	24	22.9	22.9	22.9	22.6	22.6	2	23.7	22.0	22.1	22.0	22.0	21.8	0	22.3
		12	0	21.9	21.8	21.8	21.7	21.6	3	22.7	22.1	21.9	22.1	22.0	21.8	0	22.3
		12	7	21.9	21.8	21.9	21.7	21.6	3	22.7	22.0	21.9	22.1	22.0	21.8	0	22.3
		12	13	21.8	21.8	21.8	21.7	21.6	3	22.7	22.0	22.1	22.1	22.0	21.7	0	22.3
		25	0	21.8	21.8	21.8	21.7	21.6	3	22.7	22.0	22.1	22.1	22.0	21.8	0	22.3
	256QAM	1	0	19.8	19.7	19.7	19.7	19.6	5	20.7	20.2	20.1	20.0	20.0	19.8	1.6	20.7
		1	12	19.9	19.8	19.7	19.8	19.7	5	20.7	20.2	20.1	20.1	20.1	19.9	1.6	20.7
		1	24	19.8	19.7	19.7	19.6	19.5	5	20.7	20.2	20.0	20.0	20.0	19.9	1.6	20.7
		12	0	19.9	19.8	19.8	19.7	19.6	5	20.7	20.3	20.1	20.1	20.1	19.9	1.6	20.7
		12	7	19.8	19.8	19.9	19.7	19.6	5	20.7	20.2	20.1	20.1	20.1	19.9	1.6	20.7
		12	13	19.8	19.8	19.8	19.8	19.6	5	20.7	20.2	20.1	20.1	20.1	19.8	1.6	20.7
		25	0	19.8	19.8	19.8	19.7	19.6	5	20.7	20.2	20.1	20.1	20.1	19.9	1.6	20.7

LTE Band 41 Power Class 3 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20 MHz	QPSK	1	0	18.4	18.3	18.3	18.2	18.2	0	18.7	19.2	19.1	19.2	19.2	19.2	0	19.8
		1	49	18.5	18.4	18.5	18.3	18.2	0	18.7	19.3	19.2	19.3	19.2	19.2	0	19.8
		1	99	18.3	18.3	18.2	18.3	18.2	0	18.7	19.2	19.1	19.2	19.1	19.1	0	19.8
		50	0	18.4	18.4	18.3	18.3	18.2	0	18.7	19.3	19.2	19.2	19.2	19.2	0	19.8
		50	24	18.5	18.4	18.5	18.3	18.3	0	18.7	19.3	19.3	19.3	19.2	19.2	0	19.8
		50	50	18.4	18.3	18.2	18.2	18.1	0	18.7	19.2	19.1	19.1	19.1	19.1	0	19.8
		100	0	18.4	18.4	18.4	18.3	18.2	0	18.7	19.3	19.2	19.2	19.2	19.2	0	19.8
	16QAM	1	0	18.3	18.3	18.2	18.2	18.2	0	18.7	19.3	19.1	19.1	19.2	19.1	0	19.8
		1	49	18.4	18.4	18.2	18.2	18.2	0	18.7	19.3	19.3	19.2	19.2	19.1	0	19.8
		1	99	18.3	18.3	18.2	18.1	18.2	0	18.7	19.3	19.1	19.1	19.1	19.2	0	19.8
		50	0	18.3	18.2	18.2	18.1	18.1	0	18.7	19.2	19.1	19.1	19.1	19.1	0	19.8
		50	24	18.3	18.3	18.2	18.1	18.1	0	18.7	19.2	19.2	19.1	19.1	19.1	0	19.8
		50	50	18.2	18.2	18.1	18.0	18.0	0	18.7	19.1	19.1	19.0	19.0	19.0	0	19.8
		100	0	18.3	18.2	18.1	18.1	18.1	0	18.7	19.2	19.1	19.1	19.1	19.1	0	19.8
	64QAM	1	0	18.1	18.3	18.2	18.3	18.0	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8
		1	49	18.2	18.3	18.1	18.3	18.0	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8
		1	99	18.1	18.3	18.1	18.3	17.9	0	18.7	19.1	19.0	18.9	18.9	19.0	0	19.8
		50	0	18.2	18.3	18.1	18.3	18.1	0	18.7	19.1	19.0	18.9	18.9	19.0	0	19.8
		50	24	18.2	18.3	18.1	18.3	18.1	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8
		50	50	18.1	18.3	18.0	18.3	18.0	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8
		100	0	18.2	18.3	18.1	18.3	18.1	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8
	256QAM	1	0	18.2	18.3	18.0	18.3	18.1	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8
		1	49	18.0	18.3	18.0	18.3	18.0	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8
		1	99	18.1	18.3	18.0	18.3	17.9	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8
		50	0	18.2	18.3	18.1	18.3	18.1	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8
		50	24	18.2	18.3	18.1	18.3	18.1	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8
		50	50	18.1	18.3	18.0	18.3	18.0	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8
		100	0	18.1	18.3	18.1	18.3	18.1	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
15 MHz	QPSK	1	0	18.1	18.1	18.0	17.9	17.9	0	18.7	19.3	19.3	19.2	19.2	19.2	0	19.8
		1	37	18.1	18.0	18.0	17.9	17.9	0	18.7	19.3	19.2	19.1	19.1	19.1	0	19.8
		1	74	18.0	18.0	17.9	17.8	17.8	0	18.7	19.2	19.2	19.1	19.1	19.1	0	19.8
		36	0	18.1	18.1	18.0	17.9	18.0	0	18.7	19.3	19.3	19.2	19.2	19.2	0	19.8
		36	20	18.1	18.1	18.0	17.9	17.9	0	18.7	19.3	19.2	19.2	19.2	19.1	0	19.8
		36	39	18.0	18.0	17.9	17.8	17.9	0	18.7	19.2	19.2	19.2	19.1	19.1	0	19.8
		75	0	18.1	18.1	18.0	17.9	18.3	0	18.7	19.3	19.3	19.2	19.2	19.2	0	19.8
	16QAM	1	0	18.0	18.0	18.0	17.9	18.2	0	18.7	19.1	19.1	19.2	19.0	19.1	0	19.8
		1	37	18.1	18.0	18.0	17.9	18.2	0	18.7	19.1	19.2	19.1	19.0	19.0	0	19.8
		1	74	18.1	17.9	18.0	17.9	18.1	0	18.7	19.0	19.1	19.1	18.9	19.1	0	19.8
		36	0	18.1	18.1	18.1	18.0	18.3	0	18.7	19.2	19.2	19.1	19.1	19.1	0	19.8
		36	20	18.2	18.1	18.0	18.0	18.3	0	18.7	19.2	19.2	19.1	19.1	19.1	0	19.8
		36	39	18.0	18.0	18.0	17.9	18.2	0	18.7	19.1	19.1	19.1	19.0	19.0	0	19.8
		75	0	18.1	18.1	18.0	17.9	18.3	0	18.7	19.2	19.2	19.2	19.1	19.1	0	19.8
	64QAM	1	0	18.0	18.3	18.0	18.3	18.1	0	18.7	19.0	19.0	18.9	18.9	18.9	0	19.8
		1	37	18.1	18.3	18.0	18.3	18.0	0	18.7	19.0	19.0	18.9	18.9	18.9	0	19.8
		1	74	18.0	18.3	18.0	18.3	18.1	0	18.7	19.0	19.0	18.9	18.9	18.9	0	19.8
		36	0	18.2	18.3	18.1	18.3	18.1	0	18.7	19.0	19.0	18.9	18.9	18.9	0	19.8
		36	20	18.2	18.3	18.1	18.3	18.0	0	18.7	19.0	19.0	18.9	18.9	18.9	0	19.8
		36	39	18.1	18.3	18.0	18.3	17.9	0	18.7	19.0	19.0	18.9	18.9	18.9	0	19.8
		75	0	18.2	18.3	18.1	18.3	18.0	0	18.7	19.0	19.0	18.9	18.9	18.9	0	19.8
	256QAM	1	0	18.1	18.3	18.0	18.3	18.1	0	18.7	19.0	18.9	18.9	18.9	18.9	0	19.8
		1	37	18.0	18.3	18.0	18.3	17.9	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8
		1	74	18.1	18.3	17.9	18.3	18.0	0	18.7	19.0	19.0	18.9	18.9	18.9	0	19.8
		36	0	18.1	18.3	18.1	18.3	18.0	0	18.7	19.0	19.0	18.9	18.9	19.0	0	19.8
		36	20	18.1	18.3	18.1	18.3	18.0	0	18.7	19.0	19.0	18.9	18.9	18.9	0	19.8
		36	39	18.1	18.3	18.0	18.3	18.0	0	18.7	19.1	19.0	18.9	18.9	18.9	0	19.8
		75	0	18.2	18.3	18.1	18.3	18.0	0	18.7	19.1	19.0	18.9	18.9	18.9	0	19.8

LTE Band 41 Power Class 3 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
10 MHz	QPSK	1	0	18.3	18.3	18.3	18.1	18.1	0	18.7	19.2	19.1	19.1	19.0	19.0	0	19.8
		1	25	18.4	18.3	18.3	18.2	18.1	0	18.7	19.2	19.1	19.1	19.0	19.0	0	19.8
		1	49	18.3	18.2	18.1	18.1	18.0	0	18.7	19.1	19.0	19.0	18.9	18.9	0	19.8
		25	0	18.4	18.3	18.2	18.2	18.1	0	18.7	19.2	19.1	19.1	19.1	19.0	0	19.8
		25	12	18.4	18.3	18.3	18.2	18.1	0	18.7	19.2	19.1	19.1	19.1	19.0	0	19.8
		25	25	18.3	18.2	18.2	18.2	18.1	0	18.7	19.1	19.1	19.0	19.1	19.0	0	19.8
		50	0	18.4	18.3	18.3	18.2	18.1	0	18.7	19.2	19.1	19.1	19.1	19.0	0	19.8
	16QAM	1	0	18.4	18.2	18.3	18.2	18.0	0	18.7	18.9	19.1	19.0	18.8	19.0	0	19.8
		1	25	18.4	18.2	18.2	18.3	18.0	0	18.7	18.9	19.1	19.0	18.8	19.0	0	19.8
		1	49	18.4	18.1	18.1	18.2	17.9	0	18.7	18.9	19.0	18.9	18.7	18.8	0	19.8
		25	0	18.4	18.3	18.3	18.2	18.1	0	18.7	19.1	19.0	19.0	19.0	19.0	0	19.8
		25	12	18.4	18.4	18.3	18.2	18.2	0	18.7	19.1	19.1	19.1	19.0	19.0	0	19.8
		25	25	18.3	18.3	18.2	18.2	18.0	0	18.7	19.0	19.0	19.0	19.0	18.9	0	19.8
		50	0	18.4	18.4	18.3	18.2	18.1	0	18.7	19.1	19.0	19.0	19.0	18.9	0	19.8
	64QAM	1	0	18.3	18.4	18.2	18.3	18.1	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		1	25	18.3	18.3	18.2	18.3	18.1	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		1	49	18.3	18.3	18.1	18.3	18.0	0	18.7	19.2	19.2	19.1	19.1	19.1	0	19.8
		25	0	18.3	18.3	18.2	18.3	18.2	0	18.7	19.2	19.1	19.1	19.1	19.1	0	19.8
		25	12	18.3	18.3	18.3	18.3	18.2	0	18.7	19.2	19.1	19.1	19.1	19.1	0	19.8
		25	25	18.2	18.4	18.2	18.3	18.1	0	18.7	19.2	19.2	19.0	19.1	19.1	0	19.8
		50	0	18.3	18.3	18.2	18.3	18.2	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
	256QAM	1	0	18.1	18.4	18.1	18.3	18.2	0	18.7	19.2	19.2	19.1	19.1	19.1	0	19.8
		1	25	18.1	18.3	18.2	18.3	18.2	0	18.7	19.2	19.2	19.0	19.1	19.1	0	19.8
		1	49	17.9	18.3	17.9	18.3	18.0	0	18.7	19.2	19.2	19.1	19.1	19.1	0	19.8
		25	0	18.3	18.3	18.2	18.3	18.2	0	18.7	19.2	19.1	19.1	19.1	19.1	0	19.8
		25	12	18.3	18.4	18.2	18.3	18.2	0	18.7	19.2	19.2	19.1	19.1	19.1	0	19.8
		25	25	18.2	18.3	18.3	18.3	18.1	0	18.7	19.2	19.2	19.1	19.1	19.1	0	19.8
		50	0	18.3	18.3	18.2	18.3	18.2	0	18.7	19.1	19.1	19.0	19.1	19.1	0	19.8

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
5 MHz	QPSK	1	0	18.3	18.2	18.0	18.0	18.0	0	18.7	19.1	19.0	19.1	18.9	19.0	0	19.8
		1	12	18.3	18.2	18.1	18.1	18.0	0	18.7	19.2	19.1	19.1	19.0	19.0	0	19.8
		1	24	18.2	18.2	18.1	18.0	18.0	0	18.7	19.1	19.1	19.1	19.0	19.0	0	19.8
		12	0	18.3	18.2	18.1	18.0	18.0	0	18.7	19.2	19.1	19.1	19.0	19.0	0	19.8
		12	7	18.3	18.3	18.2	18.1	18.0	0	18.7	19.2	19.1	19.1	19.0	19.0	0	19.8
		12	13	18.2	18.1	18.1	18.0	18.0	0	18.7	19.1	19.0	19.1	19.0	19.0	0	19.8
		25	0	18.3	18.2	18.1	18.0	18.0	0	18.7	19.2	19.1	19.1	19.0	19.0	0	19.8
	16QAM	1	0	18.3	18.3	18.1	18.0	18.1	0	18.7	19.1	19.0	19.1	18.8	18.8	0	19.8
		1	12	18.3	18.4	18.1	18.0	18.2	0	18.7	19.1	19.1	19.2	18.9	19.0	0	19.8
		1	24	18.3	18.2	18.1	18.0	18.2	0	18.7	19.0	19.0	19.1	18.8	18.9	0	19.8
		12	0	18.3	18.1	18.1	18.2	18.0	0	18.7	19.1	19.0	18.9	19.1	19.0	0	19.8
		12	7	18.3	18.2	18.2	18.2	18.0	0	18.7	19.2	19.1	19.0	19.1	19.0	0	19.8
		12	13	18.2	18.0	18.1	18.1	18.0	0	18.7	19.1	18.9	19.0	19.0	19.0	0	19.8
		25	0	18.3	18.1	18.1	18.0	18.1	0	18.7	19.1	19.0	19.0	18.9	18.9	0	19.8
	64QAM	1	0	18.1	18.4	18.0	18.3	18.0	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		1	12	18.2	18.4	18.0	18.3	18.1	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		1	24	18.0	18.4	18.0	18.3	18.0	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		12	0	18.1	18.4	18.1	18.3	18.1	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		12	7	18.2	18.4	18.1	18.3	18.1	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		12	13	18.1	18.4	18.1	18.3	18.0	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		25	0	18.2	18.4	18.1	18.3	18.0	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
	256QAM	1	0	18.1	18.4	18.0	18.3	18.0	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		1	12	18.2	18.4	18.0	18.3	18.0	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		1	24	18.1	18.3	17.9	18.3	17.9	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		12	0	18.1	18.4	18.0	18.3	18.0	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		12	7	18.2	18.3	18.1	18.3	18.0	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		12	13	18.1	18.3	18.1	18.3	18.0	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8
		25	0	18.1	18.3	18.0	18.3	18.0	0	18.7	19.2	19.1	19.0	19.1	19.1	0	19.8

LTE Band 41 Power Class 3 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20 MHz	QPSK	1	0	24.6	24.7	24.4	24.3	24.2	0	25.4	19.9	20.1	20.0	20.3	19.9	0	20.8
		1	49	24.7	24.7	24.7	24.3	24.2	0	25.4	20.0	20.2	20.3	20.3	20.3	0	20.8
		1	99	24.7	24.6	24.5	24.3	24.2	0	25.4	19.8	20.0	20.0	20.2	20.3	0	20.8
		50	0	23.9	24.0	23.7	23.7	23.5	0.7	24.7	19.8	19.9	20.0	20.3	20.2	0	20.8
		50	24	24.0	24.0	24.0	23.7	23.5	0.7	24.7	19.8	19.9	20.0	20.3	20.3	0	20.8
		50	50	24.0	23.9	23.7	23.5	23.4	0.7	24.7	19.7	19.8	20.0	20.2	20.3	0	20.8
		100	0	24.0	24.0	24.0	23.6	23.5	0.7	24.7	19.8	19.9	20.1	20.3	20.3	0	20.8
	16QAM	1	0	23.5	24.0	23.8	23.7	23.6	0.7	24.7	19.9	20.1	20.0	20.3	19.9	0	20.8
		1	49	24.0	24.0	24.0	23.7	23.8	0.7	24.7	20.0	20.2	20.3	20.3	20.3	0	20.8
		1	99	24.0	24.0	23.8	23.6	23.6	0.7	24.7	19.8	20.0	20.0	20.2	20.3	0	20.8
		50	0	22.9	23.0	22.7	22.7	22.5	1.7	23.7	19.8	19.9	20.0	20.3	20.2	0	20.8
		50	24	23.0	23.0	22.7	22.6	22.5	1.7	23.7	19.8	19.9	20.0	20.3	20.3	0	20.8
		50	50	23.0	22.9	22.6	22.5	22.4	1.7	23.7	19.7	19.8	20.0	20.2	20.3	0	20.8
		100	0	23.0	23.0	22.7	22.6	22.5	1.7	23.7	19.8	19.9	20.1	20.3	20.3	0	20.8
	64QAM	1	0	22.3	22.9	22.6	22.3	22.1	1.7	23.7	19.4	20.1	19.9	19.8	19.6	0	20.8
		1	49	23.0	22.9	22.6	22.3	22.2	1.7	23.7	19.4	20.2	19.9	19.7	20.2	0	20.8
		1	99	23.0	22.7	22.6	22.4	22.2	1.7	23.7	19.4	20.0	19.8	19.6	20.2	0	20.8
		50	0	21.7	21.9	21.5	21.3	21.2	2.7	22.7	19.6	20.1	19.9	19.7	20.1	0	20.8
		50	24	21.9	21.8	21.5	21.4	21.2	2.7	22.7	19.6	20.0	19.9	19.7	20.2	0	20.8
		50	50	21.9	21.8	21.4	21.3	21.1	2.7	22.7	19.5	20.0	19.8	19.6	20.2	0	20.8
		100	0	21.9	21.8	21.5	21.4	21.2	2.7	22.7	19.5	20.0	19.9	19.7	20.2	0	20.8
	256QAM	1	0	19.5	20.0	19.4	19.3	19.2	4.7	20.7	19.6	20.0	19.7	19.6	19.6	0.1	20.7
		1	49	19.9	19.9	19.4	19.3	19.1	4.7	20.7	19.5	19.9	19.6	19.5	20.1	0.1	20.7
		1	99	20.0	19.8	19.4	19.3	19.1	4.7	20.7	19.4	19.8	19.6	19.5	20.2	0.1	20.7
		50	0	19.7	19.9	19.5	19.3	19.2	4.7	20.7	19.4	20.0	19.8	19.5	20.0	0.1	20.7
		50	24	19.9	19.8	19.5	19.4	19.2	4.7	20.7	19.5	20.0	19.8	19.5	20.1	0.1	20.7
		50	50	19.9	19.8	19.4	19.3	19.1	4.7	20.7	19.4	19.9	19.7	19.4	20.1	0.1	20.7
		100	0	19.9	19.8	19.5	19.3	19.2	4.7	20.7	19.4	19.9	19.8	19.5	20.1	0.1	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
15 MHz	QPSK	1	0	24.5	24.7	24.4	24.4	24.2	0	25.4	20.3	20.4	20.5	20.8	20.5	0	20.8
		1	37	24.7	24.6	24.4	24.3	24.2	0	25.4	20.3	20.3	20.5	20.7	20.8	0	20.8
		1	74	24.6	24.6	24.4	24.3	24.1	0	25.4	20.2	20.3	20.5	20.7	20.4	0	20.8
		36	0	23.9	24.0	23.7	23.6	23.5	0.7	24.7	20.4	20.5	20.5	20.8	20.7	0	20.8
		36	20	23.9	24.0	23.7	23.6	23.5	0.7	24.7	20.4	20.4	20.5	20.8	20.6	0	20.8
		36	39	24.0	23.9	23.7	23.5	23.4	0.7	24.7	20.3	20.3	20.5	20.7	20.6	0	20.8
		75	0	24.0	24.0	23.7	23.6	23.5	0.7	24.7	20.3	20.4	20.5	20.8	20.7	0	20.8
	16QAM	1	0	23.8	23.9	23.8	23.7	23.4	0.7	24.7	20.3	20.4	20.5	20.8	20.5	0	20.8
		1	37	24.0	23.9	23.7	23.6	23.4	0.7	24.7	20.2	20.3	20.5	20.7	20.6	0	20.8
		1	74	24.0	23.8	23.7	23.5	23.3	0.7	24.7	20.3	20.3	20.5	20.6	20.6	0	20.8
		36	0	23.0	22.9	22.7	22.6	22.5	1.7	23.7	20.4	20.5	20.5	20.8	20.7	0	20.8
		36	20	23.0	23.0	22.7	22.6	22.5	1.7	23.7	20.4	20.4	20.5	20.8	20.6	0	20.8
		36	39	23.0	22.9	22.7	22.5	22.4	1.7	23.7	20.3	20.3	20.5	20.7	20.7	0	20.8
		75	0	23.0	23.0	22.7	22.6	22.5	1.7	23.7	20.3	20.4	20.5	20.8	20.8	0	20.8
	64QAM	1	0	22.6	22.7	22.6	22.2	22.2	1.7	23.7	20.0	20.5	20.4	20.1	20.4	0	20.8
		1	37	22.9	22.7	22.4	22.1	22.1	1.7	23.7	20.0	20.5	20.3	20.1	20.7	0	20.8
		1	74	22.8	22.7	22.5	22.2	22.1	1.7	23.7	20.0	20.4	20.3	20.1	20.7	0	20.8
		36	0	21.8	21.8	21.5	21.3	21.2	2.7	22.7	20.0	20.6	20.4	20.2	20.6	0	20.8
		36	20	21.9	21.8	21.5	21.3	21.2	2.7	22.7	20.0	20.5	20.4	20.2	20.7	0	20.8
		36	39	21.9	21.8	21.4	21.2	21.1	2.7	22.7	19.9	20.5	20.3	20.1	20.7	0	20.8
		75	0	21.9	21.8	21.5	21.3	21.2	2.7	22.7	20.0	20.6	20.4	20.2	20.7	0	20.8
	256QAM	1	0	19.6	19.9	19.4	19.2	19.0	4.7	20.7	19.9	20.6	20.4	20.0	20.4	0.1	20.7
		1	37	19.9	19.9	19.4	19.2	19.0	4.7	20.7	19.8	20.5	20.2	20.0	20.6	0.1	20.7
		1	74	20.0	19.7	19.3	19.2	19.0	4.7	20.7	19.7	20.3	20.2	19.9	20.7	0.1	20.7
		36	0	19.8	19.8	19.5	19.3	19.2	4.7	20.7	20.0	20.5	20.2	20.0	20.5	0.1	20.7
		36	20	19.9	19.8	19.5	19.3	19.2	4.7	20.7	19.9	20.4	20.2	20.0	20.6	0.1	20.7
		36	39	19.9	19.7	19.4	19.2	19.1	4.7	20.7	19.9	20.4	20.2	19.9	20.6	0.1	20.7
		75	0	19.9	19.7	19.5	19.3	19.2	4.7	20.7	19.9	20.4	20.3	20.0	20.6	0.1	20.7

LTE Band 41 Power Class 3 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
10 MHz	QPSK	1	0	24.7	24.7	24.5	24.4	24.3	0	25.4	20.3	20.5	20.6	20.6	20.8	0	20.8
		1	25	24.7	24.7	24.6	24.4	24.3	0	25.4	20.4	20.5	20.6	20.7	20.8	0	20.8
		1	49	24.7	24.6	24.5	24.3	24.2	0	25.4	20.3	20.5	20.6	20.8	20.8	0	20.8
		25	0	24.0	23.7	23.9	23.8	23.6	0.7	24.7	20.4	20.6	20.7	20.5	20.7	0	20.8
		25	12	23.9	23.9	23.9	23.8	23.6	0.7	24.7	20.5	20.6	20.7	20.7	20.6	0	20.8
		25	25	23.9	23.8	23.8	23.7	23.6	0.7	24.7	20.4	20.5	20.6	20.8	20.8	0	20.8
		50	0	24.0	24.0	23.9	23.8	23.6	0.7	24.7	20.5	20.6	20.7	20.7	20.8	0	20.8
	16QAM	1	0	24.0	24.0	23.9	23.7	23.6	0.7	24.7	20.5	20.4	20.7	20.8	20.7	0	20.8
		1	25	23.9	23.9	23.9	23.8	23.6	0.7	24.7	20.5	20.4	20.7	20.8	20.8	0	20.8
		1	49	24.0	23.9	23.9	23.8	23.5	0.7	24.7	20.4	20.4	20.6	20.8	20.8	0	20.8
		25	0	23.0	23.0	22.9	22.8	22.6	1.7	23.7	20.4	20.6	20.7	20.8	20.8	0	20.8
		25	12	23.0	23.0	22.9	22.8	22.6	1.7	23.7	20.5	20.6	20.7	20.8	20.6	0	20.8
		25	25	22.9	23.0	22.8	22.7	22.6	1.7	23.7	20.4	20.5	20.6	20.7	20.8	0	20.8
		50	0	22.9	22.9	22.9	22.8	22.6	1.7	23.7	20.5	20.6	20.6	20.7	20.7	0	20.8
	64QAM	1	0	22.9	22.9	22.5	22.4	22.3	1.7	23.7	20.7	20.7	20.3	20.2	20.3	0	20.8
		1	25	22.9	23.0	22.5	22.3	22.4	1.7	23.7	20.6	20.8	20.4	20.2	20.3	0	20.8
		1	49	23.0	22.9	22.4	22.2	22.3	1.7	23.7	20.7	20.6	20.4	20.2	20.2	0	20.8
		25	0	22.0	22.0	21.6	21.4	21.3	2.7	22.7	20.6	20.8	20.5	20.3	20.2	0	20.8
		25	12	22.0	22.0	21.7	21.5	21.3	2.7	22.7	20.7	20.8	20.5	20.3	20.3	0	20.8
		25	25	22.0	21.9	21.6	21.4	21.2	2.7	22.7	20.6	20.7	20.5	20.2	20.2	0	20.8
		50	0	21.9	21.9	21.6	21.4	21.3	2.7	22.7	20.5	20.7	20.5	20.3	20.3	0	20.8
	256QAM	1	0	19.9	19.9	19.6	19.4	19.2	4.7	20.7	20.6	20.7	20.3	20.1	20.0	0.1	20.7
		1	25	19.9	19.9	19.6	19.4	19.2	4.7	20.7	20.6	20.7	20.3	20.0	20.0	0.1	20.7
		1	49	20.0	19.8	19.5	19.3	19.1	4.7	20.7	20.7	20.6	20.2	20.0	20.0	0.1	20.7
		25	0	20.0	20.0	19.6	19.4	19.3	4.7	20.7	20.6	20.7	20.4	20.1	20.1	0.1	20.7
		25	12	19.9	19.9	19.7	19.4	19.4	4.7	20.7	20.6	20.7	20.4	20.1	20.1	0.1	20.7
		25	25	20.0	19.9	19.6	19.4	19.3	4.7	20.7	20.5	20.7	20.4	20.1	20.1	0.1	20.7
		50	0	20.0	19.9	19.6	19.5	19.3	4.7	20.7	20.6	20.6	20.4	20.2	20.1	0.1	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
5 MHz	QPSK	1	0	24.7	24.7	24.5	24.4	24.3	0	25.4	20.4	20.5	20.6	20.7	20.7	0	20.8
		1	12	24.7	24.7	24.6	24.5	24.4	0	25.4	20.5	20.6	20.8	20.8	20.6	0	20.8
		1	24	24.7	24.6	24.6	24.4	24.3	0	25.4	20.4	20.5	20.6	20.7	20.6	0	20.8
		12	0	24.0	23.8	23.9	23.8	23.6	0.7	24.7	20.5	20.6	20.7	20.7	20.6	0	20.8
		12	7	23.8	23.9	23.9	23.8	23.7	0.7	24.7	20.5	20.6	20.7	20.7	20.8	0	20.8
		12	13	24.0	24.0	23.9	23.7	23.6	0.7	24.7	20.5	20.5	20.7	20.7	20.7	0	20.8
		25	0	24.0	23.8	23.9	23.8	23.6	0.7	24.7	20.5	20.6	20.7	20.7	20.8	0	20.8
	16QAM	1	0	23.9	23.9	23.9	23.8	23.7	0.7	24.7	20.4	20.7	20.6	20.7	20.8	0	20.8
		1	12	23.8	24.0	24.0	23.9	23.8	0.7	24.7	20.5	20.7	20.7	20.8	20.8	0	20.8
		1	24	24.0	23.8	23.9	23.7	23.8	0.7	24.7	20.4	20.7	20.7	20.6	20.8	0	20.8
		12	0	23.0	23.0	22.8	22.7	22.5	1.7	23.7	20.5	20.6	20.7	20.6	20.7	0	20.8
		12	7	22.9	23.0	22.8	22.7	22.5	1.7	23.7	20.5	20.6	20.7	20.4	20.6	0	20.8
		12	13	23.0	22.9	22.8	22.6	22.5	1.7	23.7	20.5	20.5	20.7	20.5	20.7	0	20.8
		25	0	22.9	23.0	22.9	22.8	22.6	1.7	23.7	20.4	20.5	20.7	20.7	20.8	0	20.8
	64QAM	1	0	23.0	23.0	22.7	22.4	22.3	1.7	23.7	20.8	20.7	20.5	20.2	20.2	0	20.8
		1	12	23.0	23.0	22.8	22.5	22.4	1.7	23.7	20.8	20.4	20.5	20.3	20.3	0	20.8
		1	24	22.8	23.0	22.8	22.5	22.4	1.7	23.7	20.8	20.7	20.6	20.2	20.2	0	20.8
		12	0	21.9	22.0	21.7	21.4	21.4	2.7	22.7	20.3	20.8	20.5	20.2	20.2	0	20.8
		12	7	22.0	21.9	21.7	21.4	21.4	2.7	22.7	20.6	20.7	20.5	20.2	20.3	0	20.8
		12	13	21.9	21.9	21.7	21.4	21.3	2.7	22.7	20.8	20.7	20.5	20.2	20.2	0	20.8
		25	0	21.8	21.9	21.7	21.4	21.4	2.7	22.7	20.4	20.7	20.5	20.2	20.3	0	20.8
	256QAM	1	0	19.9	19.9	19.5	19.3	19.4	4.7	20.7	20.6	20.6	20.4	20.0	20.0	0.1	20.7
		1	12	20.0	20.0	19.6	19.3	19.4	4.7	20.7	20.7	20.6	20.4	20.0	20.1	0.1	20.7
		1	24	19.9	19.9	19.5	19.3	19.3	4.7	20.7	20.6	20.6	20.3	20.0	20.0	0.1	20.7
		12	0	19.9	20.0	19.7	19.4	19.4	4.7	20.7	20.6	20.7	20.4	20.1	20.1	0.1	20.7
		12	7	19.9	19.9	19.7	19.4	19.5	4.7	20.7	20.6	20.7	20.4	20.1	20.2	0.1	20.7
		12	13	20.0	19.9	19.7	19.4	19.3	4.7	20.7	20.6	20.6	20.4	20.1	20.0	0.1	20.7
		25	0	19.9	19.9	19.7	19.4	19.4	4.7	20.7	20.6	20.6	20.4	20.1	20.1	0.1	20.7

LTE Band 41 Power Class 3 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20 MHz	QPSK	1	0	19.4	19.4	19.7	19.6	19.4	0.0	19.7	20.5	20.4	20.4	20.5	20.8	0.0	21.0
		1	49	19.7	19.4	19.7	19.6	19.4	0.0	19.7	20.8	20.6	20.8	20.6	20.8	0.0	21.0
		1	99	19.7	19.3	19.7	19.6	19.4	0.0	19.7	20.8	20.4	20.4	20.5	20.7	0.0	21.0
		50	0	19.6	19.5	19.7	19.6	19.5	0.0	19.7	20.6	20.5	20.4	20.5	20.7	0.0	21.0
		50	24	19.7	19.5	19.7	19.6	19.5	0.0	19.7	20.7	20.5	20.7	20.5	20.7	0.0	21.0
		50	50	19.7	19.4	19.7	19.6	19.5	0.0	19.7	20.7	20.4	20.4	20.5	20.6	0.0	21.0
		100	0	19.6	19.5	19.7	19.6	19.5	0.0	19.7	20.6	20.4	20.4	20.5	20.7	0.0	21.0
	16QAM	1	0	19.5	19.5	19.7	19.7	19.7	0.0	19.7	20.5	20.4	20.4	20.5	20.8	0.0	21.0
		1	49	19.7	19.7	19.7	19.6	19.6	0.0	19.7	20.8	20.6	20.5	20.6	20.7	0.0	21.0
		1	99	19.7	19.5	19.6	19.6	19.5	0.0	19.7	20.8	20.4	20.4	20.5	20.7	0.0	21.0
		50	0	19.6	19.5	19.7	19.6	19.5	0.0	19.7	20.6	20.5	20.4	20.5	20.7	0.0	21.0
		50	24	19.6	19.5	19.7	19.6	19.5	0.0	19.7	20.7	20.4	20.4	20.5	20.7	0.0	21.0
		50	50	19.7	19.4	19.7	19.4	19.5	0.0	19.7	20.7	20.4	20.4	20.5	20.6	0.0	21.0
		100	0	19.6	19.5	19.7	19.4	19.5	0.0	19.7	20.6	20.4	20.4	20.5	20.7	0.0	21.0
	64QAM	1	0	19.5	19.4	19.7	19.4	19.5	0.0	19.7	20.4	20.5	20.4	20.5	20.6	0.0	21.0
		1	49	19.7	19.5	19.5	19.5	19.5	0.0	19.7	20.7	20.5	20.3	20.4	20.7	0.0	21.0
		1	99	19.7	19.5	19.7	19.4	19.4	0.0	19.7	20.7	20.4	20.4	20.3	20.6	0.0	21.0
		50	0	19.6	19.5	19.7	19.4	19.5	0.0	19.7	20.6	20.5	20.3	20.2	20.6	0.0	21.0
		50	24	19.6	19.5	19.7	19.4	19.5	0.0	19.7	20.7	20.5	20.4	20.2	20.7	0.0	21.0
		50	50	19.6	19.4	19.6	19.4	19.5	0.0	19.7	20.7	20.5	20.4	20.1	20.6	0.0	21.0
		100	0	19.6	19.5	19.6	19.4	19.5	0.0	19.7	20.7	20.5	20.3	20.2	20.6	0.0	21.0
	256QAM	1	0	19.4	19.5	19.7	19.2	19.5	0.0	19.7	20.5	19.8	20.6	20.0	19.9	0.3	20.7
		1	49	19.6	19.5	19.6	19.2	19.4	0.0	19.7	19.5	20.7	20.4	20.0	20.7	0.3	20.7
		1	99	19.6	19.4	19.7	19.2	19.4	0.0	19.7	19.9	19.9	20.5	19.9	19.8	0.3	20.7
		50	0	19.6	19.5	19.7	19.3	19.5	0.0	19.7	20.6	19.9	20.7	20.7	19.9	0.3	20.7
		50	24	19.6	19.5	19.6	19.3	19.4	0.0	19.7	20.7	19.9	20.6	20.7	19.9	0.3	20.7
		50	50	19.7	19.4	19.6	19.3	19.4	0.0	19.7	19.8	19.8	20.6	19.8	20.7	0.3	20.7
		100	0	19.6	19.5	19.6	19.3	19.5	0.0	19.7	20.7	19.8	20.7	20.7	20.7	0.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
15 MHz	QPSK	1	0	19.5	19.5	19.7	19.6	19.6	0.0	19.7	20.2	20.6	20.4	20.5	20.5	0.0	21.0
		1	37	19.7	19.5	19.7	19.6	19.6	0.0	19.7	20.3	20.6	20.4	20.5	20.4	0.0	21.0
		1	74	19.7	19.5	19.7	19.6	19.6	0.0	19.7	20.4	20.5	20.4	20.5	20.4	0.0	21.0
		36	0	19.6	19.5	19.7	19.6	19.6	0.0	19.7	20.3	20.6	20.4	20.5	20.4	0.0	21.0
		36	20	19.6	19.5	19.7	19.6	19.6	0.0	19.7	20.3	20.6	20.4	20.5	20.4	0.0	21.0
		36	39	19.7	19.4	19.6	19.5	19.6	0.0	19.7	20.3	20.5	20.4	20.5	20.4	0.0	21.0
		75	0	19.6	19.5	19.7	19.6	19.6	0.0	19.7	20.3	20.5	20.4	20.5	20.4	0.0	21.0
	16QAM	1	0	19.4	19.5	19.6	19.6	19.7	0.0	19.7	20.2	20.4	20.3	20.4	20.5	0.0	21.0
		1	37	19.6	19.6	19.7	19.7	19.7	0.0	19.7	20.4	20.4	20.3	20.4	20.4	0.0	21.0
		1	74	19.6	19.5	19.7	19.7	19.6	0.0	19.7	20.4	20.4	20.3	20.3	20.3	0.0	21.0
		36	0	19.6	19.5	19.7	19.6	19.6	0.0	19.7	20.2	20.5	20.4	20.5	20.4	0.0	21.0
		36	20	19.7	19.5	19.7	19.6	19.6	0.0	19.7	20.2	20.6	20.4	20.5	20.4	0.0	21.0
		36	39	19.7	19.4	19.7	19.5	19.6	0.0	19.7	20.3	20.5	20.4	20.5	20.4	0.0	21.0
		75	0	19.7	19.5	19.7	19.6	19.6	0.0	19.7	20.2	20.5	20.4	20.5	20.4	0.0	21.0
	64QAM	1	0	19.4	19.3	19.7	19.7	19.6	0.0	19.7	19.9	20.5	20.3	20.5	20.3	0.0	21.0
		1	37	19.6	19.5	19.7	19.6	19.7	0.0	19.7	20.3	20.4	20.3	20.4	20.4	0.0	21.0
		1	74	19.6	19.5	19.7	19.7	19.7	0.0	19.7	20.2	20.5	20.4	20.5	20.2	0.0	21.0
		36	0	19.6	19.4	19.7	19.6	19.6	0.0	19.7	20.2	20.6	20.3	20.5	20.4	0.0	21.0
		36	20	19.6	19.5	19.7	19.6	19.6	0.0	19.7	20.3	20.5	20.3	20.4	20.4	0.0	21.0
		36	39	19.6	19.4	19.6	19.5	19.6	0.0	19.7	20.3	20.4	20.3	20.4	20.3	0.0	21.0
		75	0	19.6	19.5	19.7	19.6	19.6	0.0	19.7	20.3	20.4	20.3	20.4	20.4	0.0	21.0
	256QAM	1	0	19.5	19.4	19.6	19.6	19.7	0.0	19.7	20.1	20.3	20.4	20.5	20.4	0.3	20.7
		1	37	19.7	19.5	19.6	19.6	19.6	0.0	19.7	20.4	20.4	20.4	20.4	20.6	0.3	20.7
		1	74	19.6	19.4	19.7	19.7	19.6	0.0	19.7	20.4	20.3	20.5	20.6	20.5	0.3	20.7
		36	0	19.6	19.5	19.7	19.6	19.6	0.0	19.7	20.4	20.5	20.4	20.5	20.6	0.3	20.7
		36	20	19.6	19.5	19.6	19.5	19.6	0.0	19.7	20.4	20.5	20.4	20.5	20.6	0.3	20.7
		36	39	19.6	19.4	19.6	19.5	19.5	0.0	19.7	20.4	20.5	20.4	20.5	20.6	0.3	20.7
		75	0	19.6	19.5	19.6	19.5	19.6	0.0	19.7	20.4	20.5	20.4	20.5	20.6	0.3	20.7

LTE Band 41 Power Class 3 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
10 MHz	QPSK	1	0	19.5	19.6	19.7	19.6	19.6	0.0	19.7	20.4	20.7	20.6	20.8	20.8	0.0	21.0
		1	25	19.6	19.6	19.7	19.6	19.7	0.0	19.7	20.6	20.7	20.6	20.8	20.9	0.0	21.0
		1	49	19.6	19.5	19.6	19.5	19.5	0.0	19.7	20.6	20.6	20.5	20.6	20.8	0.0	21.0
		25	0	19.6	19.6	19.6	19.6	19.6	0.0	19.7	20.6	20.7	20.6	20.7	20.9	0.0	21.0
		25	12	19.6	19.6	19.7	19.6	19.6	0.0	19.7	20.6	20.6	20.6	20.7	20.9	0.0	21.0
		25	25	19.6	19.6	19.6	19.6	19.6	0.0	19.7	20.6	20.6	20.6	20.7	20.9	0.0	21.0
		50	0	19.5	19.7	19.7	19.6	19.6	0.0	19.7	20.5	20.6	20.6	20.7	20.9	0.0	21.0
	16QAM	1	0	19.5	19.5	19.7	19.7	19.7	0.0	19.7	20.3	20.5	20.4	20.5	20.7	0.0	21.0
		1	25	19.7	19.5	19.7	19.7	19.7	0.0	19.7	20.4	20.6	20.4	20.5	20.8	0.0	21.0
		1	49	19.7	19.4	19.6	19.6	19.6	0.0	19.7	20.5	20.5	20.4	20.4	20.7	0.0	21.0
		25	0	19.5	19.6	19.7	19.6	19.6	0.0	19.7	20.6	20.6	20.5	20.6	20.8	0.0	21.0
		25	12	19.5	19.6	19.7	19.6	19.6	0.0	19.7	20.5	20.6	20.5	20.7	20.9	0.0	21.0
		25	25	19.5	19.5	19.7	19.5	19.6	0.0	19.7	20.6	20.6	20.6	20.7	20.8	0.0	21.0
		50	0	19.5	19.6	19.7	19.6	19.6	0.0	19.7	20.5	20.6	20.5	20.6	20.8	0.0	21.0
	64QAM	1	0	19.4	19.7	19.6	19.6	19.5	0.0	19.7	20.4	20.6	20.5	20.5	20.7	0.0	21.0
		1	25	19.6	19.7	19.6	19.7	19.7	0.0	19.7	20.6	20.6	20.5	20.5	20.9	0.0	21.0
		1	49	19.5	19.4	19.6	19.6	19.5	0.0	19.7	20.6	20.5	20.4	20.5	20.7	0.0	21.0
		25	0	19.6	19.6	19.7	19.6	19.6	0.0	19.7	20.5	20.6	20.5	20.6	20.8	0.0	21.0
		25	12	19.6	19.6	19.7	19.6	19.6	0.0	19.7	20.5	20.6	20.5	20.6	20.8	0.0	21.0
		25	25	19.6	19.5	19.7	19.6	19.6	0.0	19.7	20.6	20.6	20.5	20.6	20.8	0.0	21.0
		50	0	19.5	19.6	19.7	19.5	19.6	0.0	19.7	20.5	20.6	20.5	20.6	20.8	0.0	21.0
	256QAM	1	0	19.5	19.7	19.6	19.4	19.7	0.0	19.7	20.4	20.5	20.4	20.5	20.6	0.3	20.7
		1	25	19.5	19.6	19.7	19.5	19.6	0.0	19.7	20.6	20.7	20.5	20.5	20.7	0.3	20.7
		1	49	19.5	19.5	19.6	19.5	19.6	0.0	19.7	20.5	20.4	20.4	20.4	20.5	0.3	20.7
		25	0	19.5	19.6	19.7	19.5	19.5	0.0	19.7	20.6	20.6	20.5	20.6	20.7	0.3	20.7
		25	12	19.5	19.7	19.7	19.6	19.6	0.0	19.7	20.6	20.7	20.6	20.6	20.5	0.3	20.7
		25	25	19.6	19.6	19.6	19.6	19.6	0.0	19.7	20.6	20.6	20.5	20.7	20.6	0.3	20.7
		50	0	19.5	19.6	19.7	19.6	19.6	0.0	19.7	20.6	20.7	20.6	20.6	20.6	0.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
5 MHz	QPSK	1	0	19.7	19.5	19.7	19.6	19.6	0.0	19.7	20.5	20.4	20.5	20.6	20.6	0.0	21.0
		1	12	19.5	19.5	19.6	19.5	19.6	0.0	19.7	20.4	20.5	20.5	20.6	20.7	0.0	21.0
		1	24	19.7	19.5	19.7	19.6	19.6	0.0	19.7	20.5	20.5	20.5	20.7	20.7	0.0	21.0
		12	0	19.5	19.4	19.7	19.6	19.6	0.0	19.7	20.3	20.4	20.5	20.6	20.7	0.0	21.0
		12	7	19.5	19.4	19.7	19.5	19.6	0.0	19.7	20.4	20.4	20.5	20.6	20.7	0.0	21.0
		12	13	19.5	19.4	19.7	19.5	19.6	0.0	19.7	20.4	20.4	19.6	20.6	20.7	0.0	21.0
		25	0	19.5	19.5	19.7	19.6	19.6	0.0	19.7	20.4	20.5	20.5	20.6	20.7	0.0	21.0
	16QAM	1	0	19.5	19.6	19.7	19.7	19.7	0.0	19.7	20.3	20.4	20.6	20.6	20.5	0.0	21.0
		1	12	19.7	19.6	19.7	19.6	19.7	0.0	19.7	20.4	20.4	20.7	20.7	20.6	0.0	21.0
		1	24	19.7	19.6	19.7	19.7	19.6	0.0	19.7	20.6	20.5	20.7	20.6	20.6	0.0	21.0
		12	0	19.5	19.3	19.7	19.4	19.6	0.0	19.7	20.3	20.5	20.5	20.6	20.6	0.0	21.0
		12	7	19.5	19.4	19.6	19.4	19.6	0.0	19.7	20.4	20.7	20.6	20.4	20.6	0.0	21.0
		12	13	19.6	19.4	19.6	19.4	19.6	0.0	19.7	20.4	20.7	20.5	20.4	20.5	0.0	21.0
		25	0	19.5	19.5	19.7	19.6	19.6	0.0	19.7	20.3	20.6	20.5	20.4	20.7	0.0	21.0
	64QAM	1	0	19.4	19.4	19.6	19.6	19.6	0.0	19.7	20.4	20.6	20.5	19.0	20.6	0.0	21.0
		1	12	19.6	19.4	19.7	19.6	19.7	0.0	19.7	20.5	20.7	20.5	20.6	20.8	0.0	21.0
		1	24	19.7	19.5	19.6	19.7	19.7	0.0	19.7	20.6	20.7	20.7	20.6	20.7	0.0	21.0
		12	0	19.4	19.4	19.7	19.6	19.6	0.0	19.7	20.3	20.6	20.5	20.5	20.7	0.0	21.0
		12	7	19.5	19.4	19.7	19.5	19.6	0.0	19.7	20.3	20.6	20.5	20.6	20.7	0.0	21.0
		12	13	19.5	19.4	19.7	19.5	19.6	0.0	19.7	20.4	20.6	20.4	20.6	20.7	0.0	21.0
		25	0	19.5	19.4	19.7	19.5	19.6	0.0	19.7	20.4	20.6	20.3	20.5	20.7	0.0	21.0
	256QAM	1	0	19.6	19.6	19.6	19.5	19.5	0.0	19.7	20.5	20.6	20.4	20.5	20.6	0.3	20.7
		1	12	19.6	19.6	19.6	19.6	19.6	0.0	19.7	20.6	20.7	20.5	20.7	20.6	0.3	20.7
		1	24	19.6	19.6	19.7	19.6	19.6	0.0	19.7	20.6	20.6	20.5	20.6	20.6	0.3	20.7
		12	0	19.5	19.5	19.6	19.5	19.6	0.0	19.7	20.6	20.6	20.5	20.6	20.7	0.3	20.7
		12	7	19.6	19.5	19.6	19.5	19.5	0.0	19.7	20.5	20.7	20.5	20.7	20.7	0.3	20.7
		12	13	19.6	19.5	19.6	19.5	19.6	0.0	19.7	20.6	20.5	20.5	20.6	20.7	0.3	20.7
		25	0	19.6	19.5	19.6	19.5	19.6	0.0	19.7	20.5	20.7	20.5	20.6	20.7	0.3	20.7

LTE Band 48 Measured Results (ANT7)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	Tune-up Limit	55340	55773	56207	56640	MPR	Tune-up Limit
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20 MHz	QPSK	1	0	24.9	24.8	24.7	24.9	0	26	21.5	21.5	21.9	21.8	0	22.5
		1	49	24.9	24.8	25.0	25.0	0	26	21.6	21.6	22.0	21.9	0	22.5
		1	99	24.8	24.8	24.8	25.0	0	26	21.6	21.7	21.7	21.8	0	22.5
		50	0	24.5	24.4	24.3	24.6	1	25	21.6	21.6	21.9	21.8	0	22.5
		50	24	24.5	24.4	24.7	24.7	1	25	21.7	21.8	22.0	22.0	0	22.5
		50	50	24.5	24.4	24.5	24.7	1	25	21.7	21.7	21.7	21.9	0	22.5
		100	0	24.5	24.4	24.4	24.6	1	25	21.7	21.7	21.9	21.8	0	22.5
	16QAM	1	0	24.4	24.3	24.6	24.7	1	25	21.4	21.3	21.5	21.6	0	22.5
		1	49	24.6	24.6	24.6	24.7	1	25	21.5	21.6	21.8	21.8	0	22.5
		1	99	24.5	24.4	24.6	24.6	1	25	21.5	21.5	21.6	21.6	0	22.5
		50	0	23.5	23.4	23.4	23.6	2	24	21.6	21.7	21.6	21.7	0	22.5
		50	24	23.5	23.4	23.5	23.6	2	24	21.6	21.7	21.7	21.8	0	22.5
		50	50	23.5	23.4	23.6	23.7	2	24	21.7	21.8	21.8	21.8	0	22.5
		100	0	23.5	23.4	23.5	23.6	2	24	21.6	21.7	21.7	21.7	0	22.5
	64QAM	1	0	23.5	23.6	23.6	23.7	2	24	21.4	21.6	21.6	21.7	0	22.5
		1	49	23.7	23.8	24.0	23.8	2	24	21.5	21.7	21.7	21.8	0	22.5
		1	99	23.6	23.7	23.8	23.8	2	24	21.5	21.8	21.7	21.7	0	22.5
		50	0	22.7	22.7	22.6	22.8	3	23	21.6	21.6	21.6	21.8	0	22.5
		50	24	22.7	22.7	22.7	22.8	3	23	21.7	21.7	21.7	21.8	0	22.5
		50	50	22.7	22.7	22.8	22.9	3	23	21.7	21.7	21.8	21.5	0	22.5
		100	0	22.7	22.7	22.7	22.8	3	23	21.7	21.7	21.7	21.8	0	22.5
	256QAM	1	0	20.7	20.5	20.7	20.7	5	21	20.2	20.1	20.1	20.3	1.5	21
		1	49	20.7	20.6	20.7	20.8	5	21	20.2	20.1	20.2	20.3	1.5	21
		1	99	20.8	20.7	20.8	20.8	5	21	20.3	20.2	20.4	20.4	1.5	21
		50	0	20.7	20.7	20.6	20.7	5	21	20.2	20.3	20.2	20.4	1.5	21
		50	24	20.8	20.7	20.7	20.8	5	21	20.3	20.3	20.3	20.4	1.5	21
		50	50	20.8	20.7	20.8	20.9	5	21	20.3	20.3	20.4	20.5	1.5	21
		100	0	20.7	20.7	20.7	20.8	5	21	20.3	20.3	20.3	20.4	1.5	21

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Tune-up Limit	55315	55765	56215	56665	MPR	Tune-up Limit
				3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz			3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz		
15 MHz	QPSK	1	0	24.8	24.8	24.8	24.9	0	26	21.5	21.5	21.7	21.8	0	22.5
		1	37	24.8	24.9	24.9	25.0	0	26	21.6	21.6	21.7	21.9	0	22.5
		1	74	24.8	24.9	24.9	25.0	0	26	21.6	21.6	21.7	21.8	0	22.5
		36	0	24.5	24.5	24.5	24.6	1	25	21.6	21.7	21.7	21.8	0	22.5
		36	20	24.5	24.5	24.5	24.6	1	25	21.6	21.7	21.7	21.8	0	22.5
		36	39	24.5	24.5	24.6	24.7	1	25	21.6	21.7	21.8	21.9	0	22.5
		75	0	24.5	24.5	24.5	24.6	1	25	21.6	21.7	21.7	21.8	0	22.5
	16QAM	1	0	24.4	24.4	24.3	24.5	1	25	21.5	21.5	21.7	21.6	0	22.5
		1	37	24.5	24.5	24.5	24.6	1	25	21.5	21.5	21.8	21.7	0	22.5
		1	74	24.5	24.4	24.4	24.5	1	25	21.6	21.5	21.8	21.7	0	22.5
		36	0	23.5	23.5	23.5	23.6	2	24	21.6	21.7	21.7	21.8	0	22.5
		36	20	23.5	23.5	23.5	23.6	2	24	21.6	21.7	21.7	21.8	0	22.5
		36	39	23.5	23.5	23.6	23.7	2	24	21.6	21.7	21.8	21.9	0	22.5
		75	0	23.5	23.5	23.5	23.6	2	24	21.6	21.7	21.7	21.8	0	22.5
	64QAM	1	0	23.6	23.5	23.6	23.7	2	24	21.4	21.4	21.7	21.6	0	22.5
		1	37	23.7	23.6	23.6	23.9	2	24	21.4	21.6	21.6	21.8	0	22.5
		1	74	23.6	23.6	23.7	23.8	2	24	21.5	21.6	21.7	21.8	0	22.5
		36	0	22.7	22.7	22.6	22.8	3	23	21.6	21.6	21.7	21.8	0	22.5
		36	20	22.7	22.7	22.7	22.8	3	23	21.6	21.7	21.7	21.8	0	22.5
		36	39	22.7	22.7	22.8	22.9	3	23	21.6	21.7	21.8	21.9	0	22.5
		75	0	22.7	22.7	22.7	22.8	3	23	21.6	21.7	21.7	21.8	0	22.5
	256QAM	1	0	20.5	20.5	20.5	20.7	5	21	20.0	20.1	20.2	20.3	1.5	21
		1	37	20.7	20.6	20.7	20.7	5	21	20.2	20.2	20.3	20.4	1.5	21
		1	74	20.8	20.7	20.8	20.8	5	21	20.3	20.3	20.4	20.5	1.5	21
		36	0	20.7	20.7	20.7	20.8	5	21	20.2	20.3	20.3	20.4	1.5	21
		36	20	20.7	20.7	20.7	20.8	5	21	20.2	20.3	20.3	20.4	1.5	21
		36	39	20.7	20.7	20.8	20.9	5	21	20.2	20.3	20.4	20.5	1.5	21
		75	0	20.7	20.7	20.7	20.8	5	21	20.2	20.3	20.3	20.4	1.5	21

LTE Band 48 Measured Results (ANT7) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Tune-up Limit	55290	55757	56223	56690	MPR	Tune-up Limit
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10 MHz	QPSK	1	0	25.0	24.9	24.9	25.0	0	26	21.5	21.6	21.6	21.7	0	22.5
		1	25	25.0	24.9	24.9	25.0	0	26	21.5	21.7	21.7	21.8	0	22.5
		1	49	25.0	25.0	24.9	25.0	0	26	21.5	21.6	21.7	21.7	0	22.5
		25	0	24.7	24.7	24.5	24.7	1	25	21.5	21.6	21.6	21.7	0	22.5
		25	12	24.7	24.7	24.6	24.8	1	25	21.6	21.6	21.7	21.7	0	22.5
		25	25	24.7	24.7	24.6	24.8	1	25	21.6	21.6	21.7	21.8	0	22.5
		50	0	24.7	24.6	24.5	24.7	1	25	21.5	21.6	21.7	21.7	0	22.5
	16QAM	1	0	24.8	24.8	24.4	24.7	1	25	21.6	21.5	21.7	21.6	0	22.5
		1	25	24.7	24.7	24.5	24.8	1	25	21.6	21.5	21.7	21.7	0	22.5
		1	49	24.8	24.6	24.5	24.7	1	25	21.5	21.5	21.7	21.6	0	22.5
		25	0	23.7	23.5	23.5	23.7	2	24	21.5	21.6	21.6	21.7	0	22.5
		25	12	23.7	23.5	23.6	23.8	2	24	21.5	21.7	21.8	21.7	0	22.5
		25	25	23.7	23.5	23.6	23.8	2	24	21.5	21.7	21.8	21.8	0	22.5
		50	0	23.7	23.5	23.7	23.7	2	24	21.5	21.6	21.7	21.7	0	22.5
	64QAM	1	0	23.9	23.8	23.8	23.4	2	24	21.3	21.5	21.6	21.7	0	22.5
		1	25	23.8	23.8	23.8	23.8	2	24	21.4	21.6	21.7	21.8	0	22.5
		1	49	23.9	23.8	23.8	23.4	2	24	21.5	21.5	21.7	21.7	0	22.5
		25	0	22.9	22.8	22.8	23.0	3	23	21.5	21.6	21.6	21.8	0	22.5
		25	12	22.9	22.9	22.9	23.0	3	23	21.5	21.6	21.7	21.8	0	22.5
		25	25	22.9	22.9	22.9	22.8	3	23	21.5	21.6	21.7	21.9	0	22.5
		50	0	22.9	22.8	22.9	23.0	3	23	21.5	21.6	21.7	21.8	0	22.5
	256QAM	1	0	20.9	20.8	20.8	20.8	5	21	20.0	20.1	20.1	20.3	1.5	21
		1	25	20.9	20.9	20.9	20.3	5	21	20.1	20.2	20.2	20.4	1.5	21
		1	49	20.8	20.8	20.8	20.9	5	21	19.9	20.0	20.2	20.4	1.5	21
		25	0	20.9	20.9	20.8	20.9	5	21	20.1	20.2	20.2	20.4	1.5	21
		25	12	20.9	20.9	20.9	21.0	5	21	20.1	20.2	20.3	20.4	1.5	21
		25	25	20.9	20.9	20.9	20.6	5	21	20.2	20.2	20.3	20.4	1.5	21
		50	0	20.9	20.9	21.0	21.0	5	21	20.1	20.2	20.3	20.4	1.5	21

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Tune-up Limit	55265	55748	56232	56715	MPR	Tune-up Limit
				3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz			3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz		
5 MHz	QPSK	1	0	24.9	24.8	24.9	25.0	0	26	21.5	21.5	21.5	21.7	0	22.5
		1	12	25.0	24.9	25.0	25.0	0	26	21.6	21.6	21.6	21.8	0	22.5
		1	24	25.0	24.9	24.9	25.0	0	26	21.5	21.5	21.6	21.7	0	22.5
		12	0	24.6	24.5	24.5	24.8	1	25	21.5	21.5	21.5	21.7	0	22.5
		12	7	24.7	24.5	24.5	24.8	1	25	21.6	21.6	21.5	21.8	0	22.5
		12	13	24.7	24.5	24.5	24.8	1	25	21.6	21.6	21.5	21.8	0	22.5
		25	0	24.6	24.5	24.5	24.8	1	25	21.6	21.6	21.5	21.7	0	22.5
	16QAM	1	0	24.6	24.5	24.6	24.9	1	25	21.5	21.6	21.5	21.7	0	22.5
		1	12	24.7	24.5	24.8	24.9	1	25	21.6	21.7	21.6	21.8	0	22.5
		1	24	24.7	24.5	24.8	24.9	1	25	21.5	21.6	21.6	21.7	0	22.5
		12	0	23.7	23.5	23.6	23.8	2	24	21.5	21.7	21.4	21.8	0	22.5
		12	7	23.8	23.6	23.6	23.8	2	24	21.5	21.7	21.5	21.8	0	22.5
		12	13	23.7	23.5	23.6	23.8	2	24	21.5	21.7	21.4	21.8	0	22.5
		25	0	23.6	23.5	23.5	23.8	2	24	21.6	21.6	21.5	21.8	0	22.5
	64QAM	1	0	23.7	23.7	23.8	23.1	2	24	21.5	21.4	21.4	21.8	0	22.5
		1	12	23.9	23.8	23.9	23.5	2	24	21.6	21.6	21.6	21.9	0	22.5
		1	24	23.8	23.8	23.9	23.8	2	24	21.6	21.6	21.6	21.8	0	22.5
		12	0	22.8	22.8	22.8	22.7	3	23	21.5	21.6	21.5	21.8	0	22.5
		12	7	22.8	22.8	22.8	22.8	3	23	21.6	21.6	21.5	21.8	0	22.5
		12	13	22.8	22.8	22.8	22.8	3	23	21.5	21.5	21.5	21.7	0	22.5
		25	0	22.8	22.8	22.7	22.7	3	23	21.5	21.6	21.5	21.8	0	22.5
	256QAM	1	0	20.7	20.6	20.7	21.0	5	21	20.1	20.1	20.0	20.3	1.5	21
		1	12	20.8	20.8	20.8	20.4	5	21	20.2	20.2	20.2	20.4	1.5	21
		1	24	20.7	20.7	20.8	21.0	5	21	20.2	20.2	20.2	20.4	1.5	21
		12	0	20.7	20.8	20.7	20.9	5	21	20.2	20.2	20.1	20.4	1.5	21
		12	7	20.8	20.8	20.8	20.7	5	21	20.2	20.2	20.2	20.3	1.5	21
		12	13	20.8	20.8	20.7	20.9	5	21	20.2	20.2	20.1	20.4	1.5	21
		25	0	20.7	20.8	20.7	21.0	5	21	20.1	20.2	20.1	20.3	1.5	21

LTE Band 48 Measured Results (ANT8)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	Tune-up Limit	55340	55773	56207	56640	MPR	Tune-up Limit
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20 MHz	QPSK	1	0	24.8	24.9	24.9	24.5	0	25	19.0	19.1	19.1	19.2	0	19.3
		1	49	24.9	25.0	25.0	24.6	0	25	19.1	19.2	19.3	19.3	0	19.3
		1	99	24.9	24.9	24.8	24.6	0	25	19.1	19.2	19.2	19.2	0	19.3
		50	0	24.8	24.9	24.8	24.6	0	25	19.2	19.3	19.3	19.2	0	19.3
		50	24	24.9	25.0	24.9	24.7	0	25	19.2	19.3	19.3	19.3	0	19.3
		50	50	24.6	25.0	24.9	24.7	0	25	19.2	19.3	19.2	19.2	0	19.3
		100	0	24.6	25.0	25.0	24.7	0	25	19.2	19.3	19.3	19.2	0	19.3
	16QAM	1	0	24.5	24.9	24.9	24.8	0	25	19.2	19.3	19.0	18.9	0	19.3
		1	49	24.7	24.9	24.9	24.9	0	25	19.3	19.3	19.1	19.2	0	19.3
		1	99	24.6	25.0	24.8	24.7	0	25	19.2	19.3	19.0	19.0	0	19.3
		50	0	23.6	24.0	23.8	23.6	1	24	19.2	19.2	18.9	18.9	0	19.3
		50	24	23.6	24.0	23.9	23.7	1	24	19.2	19.3	19.1	19.0	0	19.3
		50	50	23.6	24.0	23.9	23.7	1	24	19.2	19.3	19.0	19.0	0	19.3
		100	0	23.6	24.0	23.9	23.7	1	24	19.2	19.3	19.0	19.0	0	19.3
	64QAM	1	0	23.4	23.9	23.8	23.6	1	24	18.6	18.4	18.3	18.5	0	19.3
		1	49	23.5	23.8	23.9	23.7	1	24	18.9	18.6	18.5	18.7	0	19.3
		1	99	23.4	23.8	23.7	23.7	1	24	18.7	18.5	18.3	18.4	0	19.3
		50	0	22.5	22.8	22.8	22.6	2	23	18.8	18.6	18.4	18.5	0	19.3
		50	24	22.5	22.9	22.9	22.7	2	23	18.9	18.6	18.4	18.6	0	19.3
		50	50	22.5	22.9	22.9	22.7	2	23	18.9	18.6	18.5	18.6	0	19.3
		100	0	22.5	22.9	22.9	22.7	2	23	18.8	18.6	18.4	18.5	0	19.3
	256QAM	1	0	20.5	20.9	20.9	20.5	4	21	18.6	18.4	18.4	18.4	0	19.3
		1	49	20.5	20.9	20.9	20.5	4	21	18.7	18.4	18.4	18.4	0	19.3
		1	99	20.5	20.9	20.9	20.6	4	21	18.8	18.5	18.5	18.4	0	19.3
		50	0	20.5	20.9	20.8	20.6	4	21	18.8	18.6	18.4	18.4	0	19.3
		50	24	20.5	20.9	20.9	20.7	4	21	18.8	18.6	18.4	18.6	0	19.3
		50	50	20.5	21.0	20.9	20.7	4	21	18.9	18.6	18.5	18.5	0	19.3
		100	0	20.5	21.0	20.9	20.7	4	21	18.8	18.6	18.4	18.5	0	19.3

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Tune-up Limit	55315	55765	56215	56665	MPR	Tune-up Limit
				3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz			3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz		
15 MHz	QPSK	1	0	24.6	24.5	24.2	24.9	0	25	19.0	19.0	18.8	18.8	0	19.3
		1	37	24.6	24.6	24.3	25.0	0	25	19.1	19.2	18.9	18.9	0	19.3
		1	74	24.6	24.6	24.2	25.0	0	25	19.1	19.1	18.9	18.9	0	19.3
		36	0	24.6	24.6	24.3	24.4	0	25	19.1	19.2	18.9	18.9	0	19.3
		36	20	24.7	24.6	24.3	24.5	0	25	19.2	19.2	19.0	18.9	0	19.3
		36	39	24.6	24.6	24.3	24.5	0	25	19.2	19.3	19.0	18.9	0	19.3
		75	0	24.6	24.6	24.3	24.4	0	25	19.1	19.2	19.0	18.9	0	19.3
	16QAM	1	0	24.6	24.5	24.3	24.4	0	25	19.0	19.0	18.8	18.9	0	19.3
		1	37	24.6	24.6	24.3	24.5	0	25	19.1	19.2	18.9	18.9	0	19.3
		1	74	24.6	24.6	24.2	24.5	0	25	19.1	19.1	18.8	18.9	0	19.3
		36	0	23.6	23.6	23.3	23.4	1	24	19.1	19.2	18.9	18.9	0	19.3
		36	20	23.7	23.6	23.3	23.5	1	24	19.1	19.2	19.0	18.9	0	19.3
		36	39	23.6	23.6	23.3	23.5	1	24	19.2	19.3	19.0	18.9	0	19.3
		75	0	23.6	23.6	23.3	23.4	1	24	19.2	19.2	19.0	18.9	0	19.3
	64QAM	1	0	23.5	23.5	23.3	23.0	1	24	18.7	18.4	18.4	18.4	0	19.3
		1	37	23.6	23.5	23.3	23.2	1	24	18.7	18.5	18.5	18.6	0	19.3
		1	74	23.5	23.6	23.3	23.1	1	24	18.8	18.4	18.5	18.4	0	19.3
		36	0	22.6	22.6	22.3	22.1	2	23	18.8	18.6	18.4	18.5	0	19.3
		36	20	22.6	22.6	22.3	22.1	2	23	18.8	18.6	18.4	18.6	0	19.3
		36	39	22.6	22.6	22.3	22.1	2	23	18.9	18.6	18.5	18.6	0	19.3
		75	0	22.6	22.6	22.3	22.1	2	23	18.9	18.6	18.4	18.6	0	19.3
	256QAM	1	0	20.6	20.5	20.1	20.0	4	21	18.6	18.4	18.2	18.4	0	19.3
		1	37	20.5	20.6	20.3	19.9	4	21	18.7	18.4	18.5	18.5	0	19.3
		1	74	20.6	20.6	20.3	20.0	4	21	18.8	18.5	18.5	18.5	0	19.3
		36	0	20.6	20.6	20.3	20.0	4	21	18.8	18.6	18.4	18.5	0	19.3
		36	20	20.6	20.6	20.3	20.1	4	21	18.8	18.6	18.4	18.6	0	19.3
		36	39	20.6	20.6	20.3	20.1	4	21	18.8	18.6	18.5	18.6	0	19.3
		75	0	20.6	20.6	20.4	20.1	4	21	18.8	18.6	18.4	18.6	0	19.3

LTE Band 48 Measured Results (ANT8) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Tune-up Limit	55290	55757	56223	56690	MPR	Tune-up Limit
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10 MHz	QPSK	1	0	24.7	24.7	24.5	24.4	0	25	19.2	19.3	19.2	19.0	0	19.3
		1	25	24.7	24.7	24.5	24.4	0	25	19.2	19.3	19.2	19.0	0	19.3
		1	49	24.7	24.7	24.4	24.4	0	25	19.2	19.3	19.1	19.0	0	19.3
		25	0	24.8	24.8	24.6	24.4	0	25	19.2	19.3	19.2	19.0	0	19.3
		25	12	24.8	24.8	24.6	24.5	0	25	19.3	19.3	19.2	19.1	0	19.3
		25	25	24.8	24.8	24.6	24.5	0	25	19.3	19.3	19.2	19.1	0	19.3
		50	0	24.8	24.8	24.6	24.4	0	25	19.2	19.3	19.2	19.0	0	19.3
	16QAM	1	0	24.9	24.9	24.7	24.4	0	25	19.3	19.3	19.3	19.1	0	19.3
		1	25	24.8	24.8	24.7	24.4	0	25	19.3	19.2	19.3	19.2	0	19.3
		1	49	24.8	24.8	24.6	24.4	0	25	19.3	19.2	19.2	19.1	0	19.3
		25	0	23.8	23.8	23.6	23.4	1	24	19.3	19.3	19.2	19.0	0	19.3
		25	12	23.8	23.8	23.6	23.5	1	24	19.3	19.3	19.3	19.1	0	19.3
		25	25	23.8	23.8	23.6	23.5	1	24	19.3	19.3	19.3	19.2	0	19.3
		50	0	23.8	23.8	23.6	23.4	1	24	19.3	19.3	19.3	19.0	0	19.3
	64QAM	1	0	23.7	23.7	23.5	23.4	1	24	18.8	18.6	18.7	18.6	0	19.3
		1	25	23.8	23.7	23.6	23.5	1	24	18.9	18.7	18.8	18.6	0	19.3
		1	49	23.7	23.7	23.5	23.4	1	24	18.8	18.7	18.6	18.6	0	19.3
		25	0	22.8	22.7	22.6	22.4	2	23	18.9	18.8	18.6	18.6	0	19.3
		25	12	22.8	22.8	22.6	22.5	2	23	18.9	18.8	18.6	18.7	0	19.3
		25	25	22.8	22.8	22.6	22.5	2	23	18.9	18.8	18.7	18.7	0	19.3
		50	0	22.8	22.8	22.6	22.4	2	23	18.9	18.8	18.6	18.7	0	19.3
	256QAM	1	0	20.7	20.7	20.5	20.3	4	21	18.8	18.8	18.5	18.6	0	19.3
		1	25	20.7	20.7	20.5	20.4	4	21	18.9	18.8	18.6	18.7	0	19.3
		1	49	20.6	20.6	20.4	20.3	4	21	18.8	18.7	18.5	18.6	0	19.3
		25	0	20.8	20.7	20.5	20.4	4	21	18.9	18.8	18.6	18.6	0	19.3
		25	12	20.8	20.8	20.6	20.5	4	21	18.9	18.8	18.7	18.7	0	19.3
		25	25	20.8	20.7	20.5	20.5	4	21	18.9	18.8	18.7	18.7	0	19.3
		50	0	20.8	20.7	20.5	20.4	4	21	18.9	18.8	18.6	18.7	0	19.3
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Tune-up Limit	55265	55748	56232	56715	MPR	Tune-up Limit
				3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz			3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz		
5 MHz	QPSK	1	0	24.7	24.7	24.4	24.4	0	25	19.1	19.3	19.1	19.0	0	19.3
		1	12	24.9	24.8	24.5	24.4	0	25	19.3	19.3	19.2	19.1	0	19.3
		1	24	24.8	24.7	24.5	24.4	0	25	19.2	19.3	19.1	19.0	0	19.3
		12	0	24.8	24.8	24.5	24.5	0	25	19.2	19.3	19.2	19.1	0	19.3
		12	7	24.9	24.8	24.6	24.5	0	25	19.2	19.3	19.2	19.1	0	19.3
		12	13	24.8	24.8	24.5	24.5	0	25	19.2	19.3	19.1	19.1	0	19.3
		25	0	24.8	24.8	24.5	24.5	0	25	19.2	19.3	19.2	19.1	0	19.3
	16QAM	1	0	24.8	24.7	24.5	24.4	0	25	19.2	19.3	19.2	19.1	0	19.3
		1	12	25.0	24.8	24.6	24.6	0	25	19.3	19.3	19.3	19.2	0	19.3
		1	24	24.8	24.7	24.5	24.5	0	25	19.3	19.3	19.3	19.1	0	19.3
		12	0	23.9	23.7	23.6	23.5	1	24	19.3	19.3	19.2	19.2	0	19.3
		12	7	23.9	23.7	23.6	23.6	1	24	19.3	19.3	19.2	19.2	0	19.3
		12	13	23.8	23.7	23.6	23.6	1	24	19.3	19.3	19.2	19.2	0	19.3
		25	0	23.8	23.7	23.5	23.4	1	24	19.2	19.3	19.2	19.1	0	19.3
	64QAM	1	0	23.8	23.6	23.5	23.4	1	24	19.0	18.8	18.6	18.6	0	19.3
		1	12	23.9	23.7	23.6	23.5	1	24	19.1	18.9	18.7	18.7	0	19.3
		1	24	23.8	23.8	23.5	23.5	1	24	19.1	18.8	18.7	18.7	0	19.3
		12	0	22.8	22.7	22.5	22.4	2	23	19.0	18.7	18.6	18.7	0	19.3
		12	7	22.9	22.8	22.6	22.5	2	23	19.0	18.8	18.7	18.8	0	19.3
		12	13	22.8	22.8	22.5	22.4	2	23	19.0	18.7	18.7	18.7	0	19.3
		25	0	22.8	22.7	22.5	22.4	2	23	19.0	18.7	18.7	18.7	0	19.3
	256QAM	1	0	20.8	20.6	20.4	20.4	4	21	18.9	18.6	18.5	18.6	0	19.3
		1	12	20.8	20.7	20.5	20.4	4	21	19.0	18.8	18.6	18.7	0	19.3
		1	24	20.8	20.7	20.5	20.4	4	21	19.0	18.7	18.6	18.7	0	19.3
		12	0	20.8	20.7	20.5	20.4	4	21	19.0	18.7	18.6	18.7	0	19.3
		12	7	20.8	20.8	20.5	20.4	4	21	19.0	18.8	18.7	18.7	0	19.3
		12	13	20.8	20.7	20.5	20.4	4	21	19.0	18.7	18.7	18.7	0	19.3
		25	0	20.8	20.7	20.5	20.4	4	21	19.0	18.8	18.6	18.7	0	19.3

LTE Band 48 Measured Results (ANT9)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	Tune-up Limit	55340	55773	56207	56640	MPR	Tune-up Limit
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20 MHz	QPSK	1	0	20.9	20.9	21.0	20.9	0.0	21.7	19.4	19.3	19.1	19.3	0.0	19.7
		1	49	21.1	21.1	21.2	21.1	0.0	21.7	19.4	19.4	19.4	19.4	0.0	19.7
		1	99	20.9	20.9	21.1	20.9	0.0	21.7	19.4	19.2	19.2	19.3	0.0	19.7
		50	0	19.9	20.3	20.2	19.9	0.0	21.7	19.4	19.2	19.1	19.3	0.0	19.7
		50	24	21.0	21.4	21.4	21.0	0.0	21.7	19.4	19.4	19.4	19.3	0.0	19.7
		50	50	21.0	21.4	21.3	21.0	0.0	21.7	19.4	19.3	19.3	19.3	0.0	19.7
		100	0	20.9	21.3	21.2	21.0	0.0	21.7	19.4	19.2	19.4	19.3	0.0	19.7
	16QAM	1	0	20.9	20.9	21.0	20.9	0.0	21.7	19.2	19.3	19.1	19.3	0.0	19.7
		1	49	21.1	21.1	21.2	21.1	0.0	21.7	19.2	19.4	19.2	19.3	0.0	19.7
		1	99	20.9	20.9	21.1	20.9	0.0	21.7	19.3	19.2	19.2	19.3	0.0	19.7
		50	0	19.9	20.3	20.2	19.9	0.0	21.7	19.2	19.2	19.1	19.3	0.0	19.7
		50	24	20.9	21.4	21.3	21.0	0.0	21.7	19.3	19.2	19.3	19.3	0.0	19.7
		50	50	21.0	21.4	21.3	21.0	0.0	21.7	19.2	19.3	19.3	19.3	0.0	19.7
		100	0	20.9	21.3	21.2	21.0	0.0	21.7	19.2	19.2	19.2	19.3	0.0	19.7
	64QAM	1	0	20.7	20.8	20.6	20.8	0.0	21.7	19.1	19.1	19.2	19.2	0.0	19.7
		1	49	21.0	21.1	20.9	20.9	0.0	21.7	19.3	19.4	19.3	19.4	0.0	19.7
		1	99	20.8	20.8	20.7	20.7	0.0	21.7	19.2	19.2	19.2	19.1	0.0	19.7
		50	0	20.8	20.9	20.7	20.8	0.0	21.7	19.2	19.3	19.1	19.3	0.0	19.7
		50	24	20.9	20.9	20.8	20.8	0.0	21.7	19.3	19.3	19.3	19.3	0.0	19.7
		50	50	20.9	20.9	20.8	20.8	0.0	21.7	19.3	19.3	19.3	19.3	0.0	19.7
		100	0	20.9	20.9	20.8	20.8	0.0	21.7	19.3	19.3	19.3	19.3	0.0	19.7
	256QAM	1	0	20.3	20.3	20.2	20.4	0.7	21.0	19.2	19.2	19.1	19.3	0.0	19.7
		1	49	20.3	20.3	20.2	20.3	0.7	21.0	19.2	19.2	19.2	19.3	0.0	19.7
		1	99	20.3	20.4	20.3	20.4	0.7	21.0	19.3	19.3	19.2	19.3	0.0	19.7
		50	0	20.4	20.4	20.2	20.3	0.7	21.0	19.2	19.3	19.1	19.3	0.0	19.7
		50	24	20.4	20.4	20.3	20.3	0.7	21.0	19.3	19.3	19.3	19.3	0.0	19.7
		50	50	20.4	20.4	20.3	20.3	0.7	21.0	19.2	19.3	19.3	19.3	0.0	19.7
		100	0	20.4	20.4	20.3	20.3	0.7	21.0	19.2	19.3	19.2	19.3	0.0	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Tune-up Limit	55315	55765	56215	56665	MPR	Tune-up Limit
				3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz			3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz		
15 MHz	QPSK	1	0	20.7	20.8	20.7	20.8	0.0	21.7	19.1	19.1	19.0	19.0	0.0	19.7
		1	37	20.8	20.9	20.8	21.0	0.0	21.7	19.2	19.2	19.0	19.2	0.0	19.7
		1	74	20.8	20.9	20.8	20.9	0.0	21.7	19.2	19.2	19.0	19.1	0.0	19.7
		36	0	20.8	20.9	20.8	20.9	0.0	21.7	19.2	19.2	19.1	19.1	0.0	19.7
		36	20	20.9	20.9	20.9	20.9	0.0	21.7	19.2	19.2	19.1	19.1	0.0	19.7
		36	39	20.9	21.0	20.9	21.0	0.0	21.7	19.2	19.3	19.1	19.2	0.0	19.7
		75	0	20.9	20.9	20.8	20.9	0.0	21.7	19.2	19.2	19.1	19.1	0.0	19.7
	16QAM	1	0	20.8	20.8	20.7	20.9	0.0	21.7	19.0	19.1	19.0	18.9	0.0	19.7
		1	37	20.8	20.9	20.8	21.0	0.0	21.7	19.1	19.2	19.1	19.0	0.0	19.7
		1	74	20.7	20.9	20.7	21.0	0.0	21.7	19.2	19.2	19.1	19.0	0.0	19.7
		36	0	19.8	20.3	20.2	19.9	0.0	21.7	19.2	19.2	19.1	19.1	0.0	19.7
		36	20	20.9	21.4	21.3	20.9	0.0	21.7	19.2	19.2	19.1	19.1	0.0	19.7
		36	39	20.9	21.4	21.3	21.0	0.0	21.7	19.2	19.2	19.1	19.1	0.0	19.7
		75	0	20.9	21.3	21.2	20.9	0.0	21.7	19.2	19.2	19.1	19.0	0.0	19.7
	64QAM	1	0	20.8	20.8	20.9	20.8	0.0	21.7	19.1	19.0	19.0	19.0	0.0	19.7
		1	37	20.9	20.8	20.8	20.9	0.0	21.7	19.2	19.1	19.0	19.2	0.0	19.7
		1	74	20.9	20.8	20.8	20.8	0.0	21.7	19.2	19.1	19.0	19.1	0.0	19.7
		36	0	20.9	20.9	20.8	20.8	0.0	21.7	19.2	19.2	19.1	19.1	0.0	19.7
		36	20	21.0	20.9	20.9	20.8	0.0	21.7	19.2	19.2	19.1	19.1	0.0	19.7
		36	39	21.0	20.9	20.9	20.9	0.0	21.7	19.2	19.2	19.1	19.2	0.0	19.7
		75	0	21.0	20.9	20.9	20.8	0.0	21.7	19.2	19.2	19.1	19.1	0.0	19.7
	256QAM	1	0	20.3	20.3	20.2	20.2	0.7	21.0	19.0	18.9	19.0	18.9	0.0	19.7
		1	37	20.4	20.3	20.3	20.3	0.7	21.0	19.1	19.1	19.1	19.0	0.0	19.7
		1	74	20.5	20.4	20.5	20.3	0.7	21.0	19.2	19.2	19.1	19.0	0.0	19.7
		36	0	20.5	20.4	20.3	20.3	0.7	21.0	19.2	19.2	19.1	19.1	0.0	19.7
		36	20	20.5	20.4	20.4	20.3	0.7	21.0	19.2	19.2	19.1	19.1	0.0	19.7
		36	39	20.5	20.4	20.4	20.4	0.7	21.0	19.2	19.2	19.1	19.1	0.0	19.7
		75	0	20.5	20.4	20.4	20.3	0.7	21.0	19.2	19.2	19.1	19.0	0.0	19.7

LTE Band 48 Measured Results (ANT9) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Tune-up Limit	55290	55757	56223	56690	MPR	Tune-up Limit
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10 MHz	QPSK	1	0	20.9	21.0	21.0	21.1	0.0	21.7	19.3	19.4	19.3	19.3	0.0	19.7
		1	25	20.9	21.0	21.0	21.1	0.0	21.7	19.4	19.4	19.3	19.3	0.0	19.7
		1	49	20.9	21.0	21.0	21.1	0.0	21.7	19.3	19.3	19.3	19.3	0.0	19.7
		25	0	21.0	21.1	21.1	21.1	0.0	21.7	19.3	19.4	19.3	19.2	0.0	19.7
		25	12	21.0	21.1	21.1	21.2	0.0	21.7	19.3	19.4	19.3	19.3	0.0	19.7
		25	25	21.0	21.1	21.1	21.2	0.0	21.7	19.4	19.4	19.3	19.3	0.0	19.7
		50	0	21.0	21.1	21.1	21.2	0.0	21.7	19.3	19.4	19.3	19.2	0.0	19.7
	16QAM	1	0	21.0	21.1	20.9	21.2	0.0	21.7	19.3	19.3	19.3	19.1	0.0	19.7
		1	25	21.0	21.1	20.9	21.1	0.0	21.7	19.4	19.4	19.3	19.2	0.0	19.7
		1	49	21.0	21.2	21.0	21.1	0.0	21.7	19.3	19.4	19.2	19.1	0.0	19.7
		25	0	20.0	20.5	20.5	20.1	0.0	21.7	19.3	19.4	19.3	19.2	0.0	19.7
		25	12	21.0	21.5	21.5	21.1	0.0	21.7	19.4	19.4	19.4	19.3	0.0	19.7
		25	25	21.0	21.5	21.5	21.2	0.0	21.7	19.4	19.4	19.3	19.3	0.0	19.7
		50	0	21.0	21.5	21.5	21.2	0.0	21.7	19.3	19.4	19.3	19.2	0.0	19.7
	64QAM	1	0	21.1	20.9	21.0	20.9	0.0	21.7	19.3	19.2	19.3	19.3	0.0	19.7
		1	25	21.1	21.1	21.0	21.1	0.0	21.7	19.4	19.3	19.3	19.3	0.0	19.7
		1	49	21.1	21.0	21.0	21.0	0.0	21.7	19.3	19.2	19.3	19.3	0.0	19.7
		25	0	21.1	21.1	21.1	21.0	0.0	21.7	19.4	19.3	19.3	19.2	0.0	19.7
		25	12	21.1	21.1	21.1	21.1	0.0	21.7	19.3	19.3	19.3	19.3	0.0	19.7
		25	25	21.1	21.1	21.1	21.0	0.0	21.7	19.3	19.3	19.3	19.3	0.0	19.7
		50	0	21.1	21.1	21.1	20.9	0.0	21.7	19.4	19.3	19.3	19.2	0.0	19.7
	256QAM	1	0	20.4	20.5	20.5	20.3	0.7	21.0	19.3	19.1	19.3	19.1	0.0	19.7
		1	25	20.5	20.6	20.5	20.4	0.7	21.0	19.4	19.4	19.3	19.2	0.0	19.7
		1	49	20.4	20.5	20.5	20.3	0.7	21.0	19.3	19.3	19.2	19.1	0.0	19.7
		25	0	20.6	20.5	20.5	20.4	0.7	21.0	19.3	19.3	19.3	19.2	0.0	19.7
		25	12	20.6	20.6	20.5	20.5	0.7	21.0	19.4	19.4	19.4	19.3	0.0	19.7
		25	25	20.6	20.6	20.5	20.5	0.7	21.0	19.3	19.4	19.3	19.3	0.0	19.7
		50	0	20.6	20.6	20.6	20.4	0.7	21.0	19.3	19.4	19.3	19.2	0.0	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Tune-up Limit	55265	55748	56232	56715	MPR	Tune-up Limit
				3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz			3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz		
5 MHz	QPSK	1	0	20.9	20.9	21.0	21.1	0.0	21.7	19.3	19.3	19.2	19.1	0.0	19.7
		1	12	21.0	21.1	21.1	21.2	0.0	21.7	19.4	19.4	19.3	19.2	0.0	19.7
		1	24	20.9	21.0	21.0	21.1	0.0	21.7	19.4	19.3	19.3	19.2	0.0	19.7
		12	0	20.9	21.1	21.0	21.1	0.0	21.7	19.4	19.3	19.3	19.2	0.0	19.7
		12	7	21.0	21.1	21.1	21.2	0.0	21.7	19.4	19.4	19.3	19.3	0.0	19.7
		12	13	21.0	21.1	21.0	21.1	0.0	21.7	19.3	19.4	19.3	19.3	0.0	19.7
		25	0	21.0	21.1	21.1	21.1	0.0	21.7	19.4	19.4	19.3	19.3	0.0	19.7
	16QAM	1	0	20.9	21.0	21.1	21.2	0.0	21.7	19.2	19.2	19.1	19.2	0.0	19.7
		1	12	21.0	21.1	21.2	21.1	0.0	21.7	19.3	19.3	19.2	19.3	0.0	19.7
		1	24	21.0	21.1	21.1	21.2	0.0	21.7	19.3	19.4	19.2	19.2	0.0	19.7
		12	0	20.0	20.5	20.5	20.1	0.0	21.7	19.4	19.3	19.3	19.3	0.0	19.7
		12	7	21.1	21.5	21.5	21.2	0.0	21.7	19.4	19.3	19.3	19.3	0.0	19.7
		12	13	21.1	21.5	21.5	21.1	0.0	21.7	19.4	19.3	19.3	19.3	0.0	19.7
		25	0	21.0	21.5	21.5	21.1	0.0	21.7	19.4	19.4	19.3	19.3	0.0	19.7
	64QAM	1	0	21.0	20.8	21.0	20.9	0.0	21.7	19.3	19.2	19.2	19.1	0.0	19.7
		1	12	21.1	20.9	21.1	21.0	0.0	21.7	19.4	19.3	19.3	19.2	0.0	19.7
		1	24	21.1	20.9	21.1	21.0	0.0	21.7	19.4	19.3	19.3	19.2	0.0	19.7
		12	0	21.0	20.9	20.9	21.0	0.0	21.7	19.4	19.2	19.3	19.2	0.0	19.7
		12	7	21.0	21.0	21.0	21.0	0.0	21.7	19.4	19.2	19.3	19.3	0.0	19.7
		12	13	21.0	20.9	21.0	20.9	0.0	21.7	19.3	19.3	19.3	19.3	0.0	19.7
		25	0	21.0	20.9	20.9	21.0	0.0	21.7	19.4	19.2	19.3	19.3	0.0	19.7
	256QAM	1	0	20.5	20.2	20.3	20.4	0.7	21.0	19.2	19.2	19.1	19.2	0.0	19.7
		1	12	20.5	20.5	20.4	20.5	0.7	21.0	19.3	19.3	19.2	19.3	0.0	19.7
		1	24	20.5	20.4	20.4	20.4	0.7	21.0	19.3	19.3	19.2	19.2	0.0	19.7
		12	0	20.5	20.4	20.4	20.5	0.7	21.0	19.4	19.2	19.3	19.3	0.0	19.7
		12	7	20.6	20.5	20.5	20.5	0.7	21.0	19.4	19.3	19.3	19.3	0.0	19.7
		12	13	20.5	20.4	20.4	20.4	0.7	21.0	19.4	19.2	19.3	19.3	0.0	19.7
		25	0	20.5	20.4	20.4	20.5	0.7	21.0	19.4	19.2	19.3	19.3	0.0	19.7

LTE Band 48 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode A (dBm)					
				55340	55773	56207	56640	MPR	Tune-up Limit	55340	55773	56207	56640	MPR	Tune-up Limit
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20 MHz	QPSK	1	0	20.5	20.5	20.5	20.4	0.0	20.5	21.6	21.6	21.5	21.6	0.0	22.0
		1	49	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	99	20.5	20.5	20.4	20.4	0.0	20.5	21.5	21.6	21.6	21.5	0.0	22.0
		50	0	20.5	20.5	20.5	20.4	0.0	20.5	21.6	21.6	21.5	21.5	0.0	22.0
		50	24	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		50	50	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		100	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.5	0.0	22.0
	16QAM	1	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.5	21.6	0.0	22.0
		1	49	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	99	20.5	20.5	20.5	20.5	0.0	20.5	21.5	21.6	21.6	21.5	0.0	22.0
		50	0	20.5	20.5	20.5	20.4	0.0	20.5	21.6	21.6	21.5	21.5	0.0	22.0
		50	24	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		50	50	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		100	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.5	0.0	22.0
	64QAM	1	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	49	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	99	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		50	0	20.5	20.5	20.5	20.5	0.0	20.5	21.3	21.3	21.1	21.2	0.0	22.0
		50	24	20.5	20.5	20.5	20.5	0.0	20.5	21.4	21.4	21.2	21.2	0.0	22.0
		50	50	20.5	20.5	20.5	20.5	0.0	20.5	21.4	21.4	21.3	21.2	0.0	22.0
		100	0	20.5	20.5	20.5	20.5	0.0	20.5	21.4	21.4	21.2	21.2	0.0	22.0
	256QAM	1	0	19.7	19.5	19.5	19.7	0.0	20.5	19.3	19.2	19.0	19.2	1.5	20.5
		1	49	19.6	19.4	19.6	19.6	0.0	20.5	19.3	19.2	19.2	19.2	1.5	20.5
		1	99	19.7	19.6	19.6	19.7	0.0	20.5	19.4	19.4	19.2	19.2	1.5	20.5
		50	0	19.7	19.6	19.6	19.6	0.0	20.5	19.2	19.2	19.1	19.2	1.5	20.5
		50	24	19.8	19.7	19.7	19.6	0.0	20.5	19.4	19.3	19.2	19.2	1.5	20.5
		50	50	19.8	19.7	19.7	19.6	0.0	20.5	19.4	19.4	19.2	19.2	1.5	20.5
		100	0	19.8	19.7	19.7	19.6	0.0	20.5	19.3	19.3	19.2	19.2	1.5	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode A (dBm)					
				55315	55765	56215	56665	MPR	Tune-up Limit	55315	55765	56215	56665	MPR	Tune-up Limit
				3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz			3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz		
15 MHz	QPSK	1	0	20.5	20.5	20.4	20.5	0.0	20.5	21.5	21.4	21.4	21.4	0.0	22.0
		1	37	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.5	21.5	21.5	0.0	22.0
		1	74	20.5	20.5	20.5	20.5	0.0	20.5	21.5	21.5	21.5	21.5	0.0	22.0
		36	0	20.5	20.5	20.5	20.4	0.0	20.5	21.6	21.6	21.4	21.5	0.0	22.0
		36	20	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.5	21.5	0.0	22.0
		36	39	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.5	21.5	0.0	22.0
		75	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.5	21.5	0.0	22.0
	16QAM	1	0	20.5	20.5	20.4	20.4	0.0	20.5	21.5	21.4	21.5	21.5	0.0	22.0
		1	37	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.5	21.5	21.6	0.0	22.0
		1	74	20.5	20.5	20.5	20.5	0.0	20.5	21.5	21.5	21.5	21.5	0.0	22.0
		36	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.5	21.5	0.0	22.0
		36	20	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.5	0.0	22.0
		36	39	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.5	0.0	22.0
		75	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.5	0.0	22.0
	64QAM	1	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	37	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	74	20.0	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		36	0	20.5	20.5	20.5	20.5	0.0	20.5	21.3	21.3	21.2	21.2	0.0	22.0
		36	20	20.5	20.5	20.5	20.5	0.0	20.5	21.3	21.3	21.2	21.2	0.0	22.0
		36	39	20.5	20.5	20.5	20.5	0.0	20.5	21.3	21.3	21.2	21.3	0.0	22.0
		75	0	20.5	20.5	20.5	20.5	0.0	20.5	21.3	21.3	21.2	21.2	0.0	22.0
	256QAM	1	0	19.6	19.4	19.6	19.4	0.0	20.5	19.1	19.2	19.0	19.1	1.5	20.5
		1	37	19.6	19.5	19.7	19.5	0.0	20.5	19.1	19.3	19.1	19.2	1.5	20.5
		1	74	19.7	19.7	19.7	19.6	0.0	20.5	19.2	19.4	19.2	19.3	1.5	20.5
		36	0	19.7	19.6	19.7	19.6	0.0	20.5	19.3	19.3	19.2	19.2	1.5	20.5
		36	20	19.7	19.6	19.7	19.6	0.0	20.5	19.3	19.3	19.2	19.2	1.5	20.5
		36	39	19.7	19.7	19.8	19.7	0.0	20.5	19.3	19.3	19.2	19.3	1.5	20.5
		75	0	19.7	19.7	19.7	19.6	0.0	20.5	19.3	19.3	19.2	19.2	1.5	20.5

LTE Band 48 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode A (dBm)					
				55290	55757	56223	56690	MPR	Tune-up Limit	55290	55757	56223	56690	MPR	Tune-up Limit
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10 MHz	QPSK	1	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	25	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	49	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		25	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		25	12	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		25	25	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		50	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
	16QAM	1	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	25	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	49	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		25	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		25	12	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		25	25	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		50	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
	64QAM	1	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	25	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	49	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		25	0	20.5	20.5	20.5	20.5	0.0	20.5	21.5	21.5	21.3	21.3	0.0	22.0
		25	12	20.5	20.5	20.5	20.5	0.0	20.5	21.5	21.5	21.4	21.5	0.0	22.0
		25	25	20.5	20.5	20.5	20.5	0.0	20.5	21.5	21.5	21.4	21.4	0.0	22.0
		50	0	20.5	20.5	20.5	20.5	0.0	20.5	21.5	21.5	21.4	21.4	0.0	22.0
	256QAM	1	0	19.8	19.7	19.8	19.7	0.0	20.5	19.5	19.4	19.2	19.2	1.5	20.5
		1	25	19.9	19.9	19.7	19.8	0.0	20.5	19.6	19.4	19.3	19.3	1.5	20.5
		1	49	19.9	19.8	19.7	19.7	0.0	20.5	19.5	19.3	19.2	19.3	1.5	20.5
		25	0	19.9	19.8	19.9	19.8	0.0	20.5	19.5	19.4	19.3	19.3	1.5	20.5
		25	12	20.0	19.8	19.9	19.9	0.0	20.5	19.5	19.5	19.4	19.4	1.5	20.5
		25	25	19.9	19.8	19.9	19.9	0.0	20.5	19.5	19.5	19.4	19.4	1.5	20.5
		50	0	19.9	19.8	19.9	19.8	0.0	20.5	19.5	19.5	19.3	19.3	1.5	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Tune-up Limit	55265	55748	56232	56715	MPR	Tune-up Limit
				3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz			3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz		
5 MHz	QPSK	1	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	12	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	24	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		12	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		12	7	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		12	13	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		25	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
	16QAM	1	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	12	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	24	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		12	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		12	7	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		12	13	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		25	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
	64QAM	1	0	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	12	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		1	24	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.6	21.6	21.6	0.0	22.0
		12	0	20.5	20.5	20.5	20.5	0.0	20.5	21.5	21.5	21.4	21.5	0.0	22.0
		12	7	20.5	20.5	20.5	20.5	0.0	20.5	21.6	21.5	21.4	21.5	0.0	22.0
		12	13	20.5	20.5	20.5	20.5	0.0	20.5	21.5	21.5	21.4	21.4	0.0	22.0
		25	0	20.5	20.5	20.5	20.5	0.0	20.5	21.5	21.5	21.4	21.5	0.0	22.0
	256QAM	1	0	19.7	19.8	19.6	20.0	0.0	20.5	19.4	19.4	19.3	19.4	1.5	20.5
		1	12	19.8	19.9	19.7	20.0	0.0	20.5	19.5	19.5	19.3	19.5	1.5	20.5
		1	24	19.7	19.9	19.7	20.0	0.0	20.5	19.5	19.5	19.3	19.4	1.5	20.5
		12	0	19.8	19.9	19.8	20.0	0.0	20.5	19.5	19.5	19.3	19.5	1.5	20.5
		12	7	19.8	19.9	19.8	20.0	0.0	20.5	19.5	19.5	19.4	19.5	1.5	20.5
		12	13	19.8	19.9	19.8	20.0	0.0	20.5	19.5	19.5	19.3	19.4	1.5	20.5
		25	0	19.8	19.9	19.8	19.9	0.0	20.5	19.5	19.4	19.4	19.4	1.5	20.5

LTE Band 53 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197	MPR	Tune-up Limit	60197	MPR	Tune-up Limit
				2489.2 MHz			2489.2 MHz		
10 MHz	QPSK	1	0	19.9	0	20.7	19.9	0	20.7
		1	25	20.0	0	20.7	20.0	0	20.7
		1	49	19.9	0	20.7	19.9	0	20.7
		25	0	20.0	0	20.7	20.0	0	20.7
		25	12	20.1	0	20.7	20.1	0	20.7
		25	25	20.0	0	20.7	20.0	0	20.7
		50	0	20.0	0	20.7	20.0	0	20.7
	16QAM	1	0	19.6	0	20.7	19.6	0	20.7
		1	25	20.0	0	20.7	20.0	0	20.7
		1	49	20.0	0	20.7	20.0	0	20.7
		25	0	19.9	0	20.7	19.9	0	20.7
		25	12	19.8	0	20.7	19.8	0	20.7
		25	25	19.8	0	20.7	19.8	0	20.7
		50	0	19.8	0	20.7	19.8	0	20.7
	64QAM	1	0	19.8	0	20.7	19.8	0	20.7
		1	25	20.0	0	20.7	20.0	0	20.7
		1	49	20.0	0	20.7	20.0	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7
		25	12	19.7	0	20.7	19.7	0	20.7
		25	25	19.8	0	20.7	19.8	0	20.7
		50	0	19.7	0	20.7	19.7	0	20.7
	256QAM	1	0	19.7	0	20.7	19.7	0	20.7
		1	25	19.8	0	20.7	19.8	0	20.7
		1	49	19.7	0	20.7	19.7	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7
		25	12	19.8	0	20.7	19.8	0	20.7
		25	25	19.8	0	20.7	19.8	0	20.7
		50	0	19.7	0	20.7	19.7	0	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197	MPR	Tune-up Limit	60197	MPR	Tune-up Limit
				2489.2 MHz			2489.2 MHz		
5 MHz	QPSK	1	0	19.9	0	20.7	19.9	0	20.7
		1	12	20.0	0	20.7	20.0	0	20.7
		1	24	19.9	0	20.7	19.9	0	20.7
		12	0	20.0	0	20.7	20.0	0	20.7
		12	7	20.0	0	20.7	20.0	0	20.7
		12	13	20.0	0	20.7	20.0	0	20.7
		25	0	20.0	0	20.7	20.0	0	20.7
	16QAM	1	0	19.9	0	20.7	19.9	0	20.7
		1	12	20.0	0	20.7	20.0	0	20.7
		1	24	20.0	0	20.7	20.0	0	20.7
		12	0	19.8	0	20.7	19.8	0	20.7
		12	7	19.9	0	20.7	19.9	0	20.7
		12	13	19.9	0	20.7	19.9	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7
	64QAM	1	0	19.8	0	20.7	19.8	0	20.7
		1	12	19.9	0	20.7	19.9	0	20.7
		1	24	19.8	0	20.7	19.8	0	20.7
		12	0	19.7	0	20.7	19.7	0	20.7
		12	7	19.8	0	20.7	19.8	0	20.7
		12	13	19.8	0	20.7	19.8	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7
	256QAM	1	0	19.8	0	20.7	19.8	0	20.7
		1	12	19.9	0	20.7	19.9	0	20.7
		1	24	19.8	0	20.7	19.8	0	20.7
		12	0	19.7	0	20.7	19.7	0	20.7
		12	7	19.8	0	20.7	19.8	0	20.7
		12	13	19.7	0	20.7	19.7	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7

LTE Band 53 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				60155	60197	60240			60155	60197	60240		
				2485 MHz	2489.2 MHz	2493.5 MHz			2485 MHz	2489.2 MHz	2493.5 MHz		
3 MHz	QPSK	1	0	19.6	19.6	19.7	0	20.7	19.6	19.6	19.7	0	20.7
		1	8	19.8	19.7	19.8	0	20.7	19.8	19.7	19.8	0	20.7
		1	14	19.7	19.6	19.7	0	20.7	19.7	19.6	19.7	0	20.7
		8	0	19.8	19.8	19.8	0	20.7	19.8	19.8	19.8	0	20.7
		8	4	19.8	19.8	19.8	0	20.7	19.8	19.8	19.8	0	20.7
		8	7	19.8	19.8	19.8	0	20.7	19.8	19.8	19.8	0	20.7
		15	0	19.7	19.8	19.8	0	20.7	19.7	19.8	19.8	0	20.7
	16QAM	1	0	20.0	19.9	20.0	0	20.7	20.0	19.9	20.0	0	20.7
		1	8	19.9	20.0	20.0	0	20.7	19.9	20.0	20.0	0	20.7
		1	14	20.0	20.0	19.9	0	20.7	20.0	20.0	19.9	0	20.7
		8	0	19.8	19.8	19.9	0	20.7	19.8	19.8	19.9	0	20.7
		8	4	19.8	19.9	20.0	0	20.7	19.8	19.9	20.0	0	20.7
		8	7	19.8	19.9	20.0	0	20.7	19.8	19.9	20.0	0	20.7
		15	0	19.8	19.8	19.9	0	20.7	19.8	19.8	19.9	0	20.7
	64QAM	1	0	19.7	19.8	19.9	0	20.7	19.7	19.8	19.9	0	20.7
		1	8	19.9	19.9	20.0	0	20.7	19.9	19.9	20.0	0	20.7
		1	14	19.7	19.9	19.9	0	20.7	19.7	19.9	19.9	0	20.7
		8	0	19.8	19.8	19.8	0	20.7	19.8	19.8	19.8	0	20.7
		8	4	19.8	19.8	19.9	0	20.7	19.8	19.8	19.9	0	20.7
		8	7	19.8	19.8	19.9	0	20.7	19.8	19.8	19.9	0	20.7
		15	0	19.7	19.7	19.8	0	20.7	19.7	19.7	19.8	0	20.7
	256QAM	1	0	19.7	19.9	19.7	0	20.7	19.7	19.9	19.7	0	20.7
		1	8	19.9	19.9	19.8	0	20.7	19.9	19.9	19.8	0	20.7
		1	14	19.7	19.8	19.8	0	20.7	19.7	19.8	19.8	0	20.7
		8	0	19.7	19.7	19.8	0	20.7	19.7	19.7	19.8	0	20.7
		8	4	19.8	19.8	19.8	0	20.7	19.8	19.8	19.8	0	20.7
		8	7	19.8	19.8	19.8	0	20.7	19.8	19.8	19.8	0	20.7
		15	0	19.7	19.8	19.8	0	20.7	19.7	19.8	19.8	0	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				60147	60197	60248			60147	60197	60248		
				2484.2 MHz	2489.2 MHz	2494.3 MHz			2484.2 MHz	2489.2 MHz	2494.3 MHz		
1.4 MHz	QPSK	1	0	19.7	19.7	19.8	0	20.7	19.7	19.7	19.8	0	20.7
		1	3	19.7	19.7	19.8	0	20.7	19.7	19.7	19.8	0	20.7
		1	5	19.7	19.7	19.8	0	20.7	19.7	19.7	19.8	0	20.7
		3	0	19.7	19.7	19.8	0	20.7	19.7	19.7	19.8	0	20.7
		3	1	19.7	19.7	19.8	0	20.7	19.7	19.7	19.8	0	20.7
		3	3	19.7	19.7	19.8	0	20.7	19.7	19.7	19.8	0	20.7
		6	0	19.7	19.7	19.8	0	20.7	19.7	19.7	19.8	0	20.7
	16QAM	1	0	19.9	20.0	20.0	0	20.7	19.9	20.0	20.0	0	20.7
		1	3	20.0	20.0	19.9	0	20.7	20.0	20.0	19.9	0	20.7
		1	5	20.0	20.0	20.0	0	20.7	20.0	20.0	20.0	0	20.7
		3	0	19.8	19.8	20.0	0	20.7	19.8	19.8	20.0	0	20.7
		3	1	20.0	19.8	20.0	0	20.7	20.0	19.8	20.0	0	20.7
		3	3	19.9	19.9	20.0	0	20.7	19.9	19.9	20.0	0	20.7
		6	0	19.8	19.8	19.8	0	20.7	19.8	19.8	19.8	0	20.7
	64QAM	1	0	19.9	19.8	19.9	0	20.7	19.9	19.8	19.9	0	20.7
		1	3	20.0	19.9	19.9	0	20.7	20.0	19.9	19.9	0	20.7
		1	5	19.9	19.8	19.8	0	20.7	19.9	19.8	19.8	0	20.7
		3	0	19.8	19.7	19.8	0	20.7	19.8	19.7	19.8	0	20.7
		3	1	19.8	19.7	19.8	0	20.7	19.8	19.7	19.8	0	20.7
		3	3	19.8	19.7	19.8	0	20.7	19.8	19.7	19.8	0	20.7
		6	0	19.6	19.7	19.7	0	20.7	19.6	19.7	19.7	0	20.7
	256QAM	1	0	19.8	19.8	19.8	0	20.7	19.8	19.8	19.8	0	20.7
		1	3	19.7	19.9	19.8	0	20.7	19.7	19.9	19.8	0	20.7
		1	5	19.8	19.7	19.8	0	20.7	19.8	19.7	19.8	0	20.7
		3	0	19.7	19.8	19.9	0	20.7	19.7	19.8	19.9	0	20.7
		3	1	19.8	19.8	19.9	0	20.7	19.8	19.8	19.9	0	20.7
		3	3	19.7	19.8	19.9	0	20.7	19.7	19.8	19.9	0	20.7
		6	0	19.9	19.6	19.9	0	20.7	19.9	19.6	19.9	0	20.7

LTE Band 53 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197	MPR	Tune-up Limit	60197	MPR	Tune-up Limit
				2489.2 MHz			2489.2 MHz		
10 MHz	QPSK	1	0	17.3	0	17.6	19.1	0	19.5
		1	25	17.4	0	17.6	19.3	0	19.5
		1	49	17.4	0	17.6	19.2	0	19.5
		25	0	17.4	0	17.6	19.2	0	19.5
		25	12	17.4	0	17.6	19.2	0	19.5
		25	25	17.4	0	17.6	19.2	0	19.5
		50	0	17.4	0	17.6	19.2	0	19.5
	16QAM	1	0	17.4	0	17.6	19.1	0	19.5
		1	25	17.3	0	17.6	19.3	0	19.5
		1	49	17.4	0	17.6	19.2	0	19.5
		25	0	17.3	0	17.6	19.2	0	19.5
		25	12	17.4	0	17.6	19.2	0	19.5
		25	25	17.4	0	17.6	19.3	0	19.5
		50	0	17.4	0	17.6	19.2	0	19.5
	64QAM	1	0	17.5	0	17.6	19.1	0	19.5
		1	25	17.4	0	17.6	19.1	0	19.5
		1	49	17.4	0	17.6	19.0	0	19.5
		25	0	17.4	0	17.6	19.1	0	19.5
		25	12	17.4	0	17.6	19.2	0	19.5
		25	25	17.4	0	17.6	19.2	0	19.5
		50	0	17.4	0	17.6	19.2	0	19.5
	256QAM	1	0	16.6	0	17.6	17.7	0.8	18.7
		1	25	16.6	0	17.6	17.7	0.8	18.7
		1	49	16.6	0	17.6	17.7	0.8	18.7
		25	0	16.7	0	17.6	17.8	0.8	18.7
		25	12	16.7	0	17.6	17.8	0.8	18.7
		25	25	16.7	0	17.6	17.8	0.8	18.7
		50	0	16.7	0	17.6	17.8	0.8	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197	MPR	Tune-up Limit	60197	MPR	Tune-up Limit
				2489.2 MHz			2489.2 MHz		
5 MHz	QPSK	1	0	17.3	0	17.6	19.0	0	19.5
		1	12	17.4	0	17.6	19.2	0	19.5
		1	24	17.4	0	17.6	19.1	0	19.5
		12	0	17.4	0	17.6	19.2	0	19.5
		12	7	17.4	0	17.6	19.2	0	19.5
		12	13	17.4	0	17.6	19.2	0	19.5
		25	0	17.3	0	17.6	19.1	0	19.5
	16QAM	1	0	17.4	0	17.6	19.2	0	19.5
		1	12	17.4	0	17.6	19.2	0	19.5
		1	24	17.4	0	17.6	19.2	0	19.5
		12	0	17.3	0	17.6	19.1	0	19.5
		12	7	17.4	0	17.6	19.1	0	19.5
		12	13	17.3	0	17.6	19.1	0	19.5
		25	0	17.3	0	17.6	19.2	0	19.5
	64QAM	1	0	17.3	0	17.6	19.0	0	19.5
		1	12	17.4	0	17.6	19.1	0	19.5
		1	24	17.3	0	17.6	19.0	0	19.5
		12	0	17.4	0	17.6	19.1	0	19.5
		12	7	17.4	0	17.6	19.1	0	19.5
		12	13	17.4	0	17.6	19.1	0	19.5
		25	0	17.4	0	17.6	19.1	0	19.5
	256QAM	1	0	16.6	0	17.6	17.7	0.8	18.7
		1	12	16.7	0	17.6	17.8	0.8	18.7
		1	24	16.6	0	17.6	17.7	0.8	18.7
		12	0	16.6	0	17.6	17.7	0.8	18.7
		12	7	16.7	0	17.6	17.8	0.8	18.7
		12	13	16.7	0	17.6	17.8	0.8	18.7
		25	0	16.7	0	17.6	17.7	0.8	18.7

LTE Band 53 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				60155	60197	60240			60155	60197	60240		
				2485 MHz	2489.2 MHz	2493.5 MHz			2485 MHz	2489.2 MHz	2493.5 MHz		
3 MHz	QPSK	1	0	17.2	17.2	17.3	0	17.6	19.0	19.0	19.1	0	19.5
		1	8	17.3	17.3	17.4	0	17.6	19.1	19.1	19.1	0	19.5
		1	14	17.3	17.2	17.3	0	17.6	19.0	19.0	19.1	0	19.5
		8	0	17.3	17.3	17.4	0	17.6	19.1	19.1	19.1	0	19.5
		8	4	17.3	17.4	17.4	0	17.6	19.2	19.2	19.2	0	19.5
		8	7	17.4	17.4	17.4	0	17.6	19.2	19.2	19.2	0	19.5
		15	0	17.4	17.3	17.4	0	17.6	19.1	19.1	19.2	0	19.5
	16QAM	1	0	17.3	17.3	17.2	0	17.6	19.1	19.0	19.1	0	19.5
		1	8	17.3	17.4	17.3	0	17.6	19.2	19.1	19.2	0	19.5
		1	14	17.3	17.3	17.2	0	17.6	19.1	19.1	19.1	0	19.5
		8	0	17.3	17.3	17.4	0	17.6	19.1	19.2	19.1	0	19.5
		8	4	17.3	17.4	17.4	0	17.6	19.2	19.2	19.2	0	19.5
		8	7	17.3	17.3	17.4	0	17.6	19.2	19.2	19.2	0	19.5
		15	0	17.3	17.3	17.3	0	17.6	19.1	19.2	19.2	0	19.5
	64QAM	1	0	17.3	17.2	17.4	0	17.6	19.0	19.1	19.1	0	19.5
		1	8	17.4	17.3	17.4	0	17.6	19.1	19.2	19.2	0	19.5
		1	14	17.3	17.3	17.3	0	17.6	19.0	19.0	19.2	0	19.5
		8	0	17.3	17.4	17.3	0	17.6	19.1	19.1	19.1	0	19.5
		8	4	17.4	17.4	17.4	0	17.6	19.1	19.2	19.1	0	19.5
		8	7	17.3	17.4	17.4	0	17.6	19.1	19.2	19.2	0	19.5
		15	0	17.3	17.4	17.4	0	17.6	19.1	19.1	19.2	0	19.5
	256QAM	1	0	16.6	16.6	16.6	0	17.6	17.7	17.7	17.7	0.8	18.7
		1	8	16.7	16.7	16.6	0	17.6	17.8	17.7	17.7	0.8	18.7
		1	14	16.6	16.7	16.5	0	17.6	17.7	17.7	17.6	0.8	18.7
		8	0	16.6	16.7	16.7	0	17.6	17.8	17.7	17.8	0.8	18.7
		8	4	16.7	16.7	16.7	0	17.6	17.8	17.7	17.8	0.8	18.7
		8	7	16.7	16.7	16.7	0	17.6	17.8	17.8	17.7	0.8	18.7
		15	0	16.6	16.7	16.7	0	17.6	17.7	17.7	17.8	0.8	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				60147	60197	60248			60147	60197	60248		
				2484.2 MHz	2489.2 MHz	2494.3 MHz			2484.2 MHz	2489.2 MHz	2494.3 MHz		
1.4 MHz	QPSK	1	0	17.3	17.3	17.4	0	17.6	19.1	19.1	19.1	0	19.5
		1	3	17.4	17.3	17.4	0	17.6	19.1	19.2	19.2	0	19.5
		1	5	17.3	17.3	17.4	0	17.6	19.1	19.1	19.2	0	19.5
		3	0	17.3	17.3	17.4	0	17.6	19.1	19.1	19.1	0	19.5
		3	1	17.3	17.3	17.4	0	17.6	19.1	19.2	19.2	0	19.5
		3	3	17.3	17.3	17.4	0	17.6	19.1	19.2	19.1	0	19.5
		6	0	17.3	17.3	17.4	0	17.6	19.1	19.1	19.1	0	19.5
	16QAM	1	0	17.4	17.3	17.3	0	17.6	19.0	19.1	19.1	0	19.5
		1	3	17.4	17.3	17.4	0	17.6	19.1	19.2	19.3	0	19.5
		1	5	17.3	17.4	17.3	0	17.6	19.0	19.3	19.3	0	19.5
		3	0	17.2	17.4	17.3	0	17.6	19.1	19.2	19.1	0	19.5
		3	1	17.4	17.5	17.4	0	17.6	19.1	19.1	19.2	0	19.5
		3	3	17.2	17.2	17.4	0	17.6	19.1	19.3	19.3	0	19.5
		6	0	17.3	17.3	17.3	0	17.6	19.1	19.1	19.2	0	19.5
	64QAM	1	0	17.3	17.3	17.4	0	17.6	19.0	19.1	19.2	0	19.5
		1	3	17.4	17.4	17.3	0	17.6	19.2	19.2	19.2	0	19.5
		1	5	17.3	17.2	17.4	0	17.6	18.9	19.1	19.0	0	19.5
		3	0	17.3	17.2	17.3	0	17.6	19.2	19.1	19.1	0	19.5
		3	1	17.3	17.4	17.3	0	17.6	19.1	19.1	19.2	0	19.5
		3	3	17.4	17.4	17.4	0	17.6	19.0	19.1	19.1	0	19.5
		6	0	17.4	17.3	17.4	0	17.6	19.2	19.1	19.1	0	19.5
	256QAM	1	0	16.5	16.5	16.5	0	17.6	17.7	17.7	17.7	0.8	18.7
		1	3	16.6	16.5	16.5	0	17.6	17.6	17.5	17.6	0.8	18.7
		1	5	16.5	16.7	16.6	0	17.6	17.6	17.7	17.7	0.8	18.7
		3	0	16.6	16.6	16.7	0	17.6	17.7	17.7	17.7	0.8	18.7
		3	1	16.6	16.7	16.6	0	17.6	17.7	17.8	17.8	0.8	18.7
		3	3	16.6	16.6	16.6	0	17.6	17.4	17.7	17.8	0.8	18.7
		6	0	16.7	16.6	16.6	0	17.6	17.7	17.8	17.7	0.8	18.7

LTE Band 66 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132072	132322	132572	MPR	Tune-up Limit	132072	132322	132572	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20 MHz	QPSK	1	0	23.1	22.9	23.0	0	23.7	17.0	17.0	16.8	0	17.4
		1	49	23.2	23.2	23.1	0	23.7	17.0	17.1	16.9	0	17.4
		1	99	22.9	22.9	23.0	0	23.7	16.9	17.0	16.9	0	17.4
		50	0	23.1	23.0	22.9	0	23.7	17.0	16.9	16.8	0	17.4
		50	24	23.1	23.1	23.0	0	23.7	17.0	17.0	16.9	0	17.4
		50	50	23.0	22.9	23.0	0	23.7	16.9	16.8	16.9	0	17.4
		100	0	23.0	23.0	22.9	0	23.7	17.0	17.0	16.8	0	17.4
	16QAM	1	0	22.8	22.8	22.8	0	23.7	17.0	17.1	16.9	0	17.4
		1	49	22.8	23.0	23.0	0	23.7	17.0	17.0	16.9	0	17.4
		1	99	23.0	22.8	22.8	0	23.7	17.0	17.0	17.0	0	17.4
		50	0	22.9	22.8	22.8	0	23.7	17.0	16.8	16.8	0	17.4
		50	24	22.9	22.8	22.8	0	23.7	17.0	16.8	16.8	0	17.4
		50	50	22.8	22.7	22.8	0	23.7	16.8	16.8	16.9	0	17.4
		100	0	22.8	22.7	22.7	0	23.7	17.0	16.8	16.8	0	17.4
	64QAM	1	0	22.9	22.7	22.8	0	23.7	17.1	16.9	17.0	0	17.4
		1	49	22.9	22.9	22.8	0	23.7	17.0	17.0	17.1	0	17.4
		1	99	22.8	22.7	22.8	0	23.7	17.1	16.9	16.9	0	17.4
		50	0	21.7	21.6	21.6	1	22.7	17.0	16.8	16.8	0	17.4
		50	24	21.7	21.6	21.7	1	22.7	17.0	16.8	16.8	0	17.4
		50	50	21.6	21.5	21.7	1	22.7	16.8	16.8	16.8	0	17.4
		100	0	21.6	21.5	21.6	1	22.7	16.9	16.8	16.8	0	17.4
	256QAM	1	0	19.8	19.7	19.7	3	20.7	17.0	17.0	16.9	0	17.4
		1	49	19.9	19.7	19.8	3	20.7	17.1	17.0	17.1	0	17.4
		1	99	19.8	19.7	19.7	3	20.7	17.0	17.0	17.0	0	17.4
		50	0	19.7	19.6	19.6	3	20.7	17.0	16.8	16.8	0	17.4
		50	24	19.6	19.6	19.7	3	20.7	17.0	16.8	16.8	0	17.4
		50	50	19.6	19.5	19.6	3	20.7	16.8	16.8	16.8	0	17.4
		100	0	19.7	19.5	19.5	3	20.7	16.9	16.8	16.8	0	17.4
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Tune-up Limit	132047	132322	132597	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15 MHz	QPSK	1	0	23.1	22.9	23.0	0	23.7	17.0	16.8	16.8	0	17.4
		1	37	23.0	22.9	23.1	0	23.7	17.0	16.8	16.9	0	17.4
		1	74	22.9	22.8	23.0	0	23.7	16.8	16.8	16.8	0	17.4
		36	0	23.1	22.9	23.0	0	23.7	17.0	16.8	16.8	0	17.4
		36	20	23.1	22.9	23.0	0	23.7	17.0	16.8	16.8	0	17.4
		36	39	23.0	22.9	23.1	0	23.7	16.9	16.8	16.9	0	17.4
		75	0	23.0	22.9	23.0	0	23.7	16.9	16.8	16.8	0	17.4
	16QAM	1	0	22.6	22.8	22.9	0	23.7	17.0	17.0	17.0	0	17.4
		1	37	22.5	22.8	23.0	0	23.7	17.0	17.0	17.0	0	17.4
		1	74	23.0	22.9	22.9	0	23.7	17.0	17.0	17.1	0	17.4
		36	0	22.9	22.8	22.8	0	23.7	17.0	16.8	16.8	0	17.4
		36	20	22.9	22.8	22.8	0	23.7	17.0	16.8	16.8	0	17.4
		36	39	22.8	22.7	22.9	0	23.7	16.9	16.8	16.9	0	17.4
		75	0	22.9	22.7	22.8	0	23.7	16.9	16.8	16.8	0	17.4
	64QAM	1	0	22.7	22.6	22.9	0	23.7	17.1	16.9	17.0	0	17.4
		1	37	22.8	22.6	23.0	0	23.7	16.9	17.0	17.1	0	17.4
		1	74	22.7	22.6	22.8	0	23.7	17.0	16.9	17.0	0	17.4
		36	0	21.7	21.6	21.6	1	22.7	17.0	16.8	16.8	0	17.4
		36	20	21.7	21.6	21.6	1	22.7	17.0	16.8	16.8	0	17.4
		36	39	21.6	21.5	21.7	1	22.7	16.9	16.8	16.9	0	17.4
		75	0	21.6	21.5	21.6	1	22.7	16.9	16.8	16.8	0	17.4
	256QAM	1	0	19.7	19.6	19.7	3	20.7	16.9	16.9	16.9	0	17.4
		1	37	19.8	19.7	19.8	3	20.7	17.0	17.0	17.1	0	17.4
		1	74	19.7	19.6	19.7	3	20.7	17.0	16.9	17.0	0	17.4
		36	0	19.7	19.6	19.6	3	20.7	17.0	16.8	16.8	0	17.4
		36	20	19.7	19.5	19.6	3	20.7	17.0	16.8	16.8	0	17.4
		36	39	19.6	19.5	19.7	3	20.7	16.9	16.8	16.9	0	17.4
		75	0	19.6	19.5	19.6	3	20.7	16.9	16.8	16.8	0	17.4

LTE Band 66 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132022	132322	132622	MPR	Tune-up Limit	132022	132322	132622	MPR	Tune-up Limit
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10 MHz	QPSK	1	0	23.1	23.0	23.1	0	23.7	17.1	16.9	17.0	0	17.4
		1	25	23.1	23.0	23.2	0	23.7	17.1	16.9	17.0	0	17.4
		1	49	23.0	22.9	23.1	0	23.7	17.0	16.8	16.9	0	17.4
		25	0	23.2	23.0	23.1	0	23.7	17.1	16.9	16.9	0	17.4
		25	12	23.2	23.1	23.1	0	23.7	17.0	16.9	16.9	0	17.4
		25	25	23.2	23.0	23.2	0	23.7	17.0	16.9	17.0	0	17.4
		50	0	23.2	23.0	23.1	0	23.7	17.0	16.9	16.9	0	17.4
	16QAM	1	0	22.9	22.9	23.0	0	23.7	17.1	16.9	17.1	0	17.4
		1	25	23.0	22.8	23.0	0	23.7	16.9	17.1	17.0	0	17.4
		1	49	22.8	22.9	23.0	0	23.7	16.9	17.0	17.0	0	17.4
		25	0	22.7	22.9	22.9	0	23.7	16.8	17.0	17.0	0	17.4
		25	12	23.0	22.9	22.9	0	23.7	16.9	16.9	17.0	0	17.4
		25	25	23.0	22.9	23.0	0	23.7	17.0	16.9	17.0	0	17.4
		50	0	23.0	22.8	22.9	0	23.7	17.0	16.9	16.9	0	17.4
	64QAM	1	0	22.9	22.7	23.0	0	23.7	17.0	17.0	17.0	0	17.4
		1	25	23.0	22.8	23.0	0	23.7	17.0	17.0	17.1	0	17.4
		1	49	22.9	22.7	23.0	0	23.7	17.0	16.9	17.0	0	17.4
		25	0	21.8	21.7	21.7	1	22.7	17.1	16.9	16.9	0	17.4
		25	12	21.8	21.7	21.8	1	22.7	17.0	17.0	17.0	0	17.4
		25	25	21.8	21.7	21.8	1	22.7	17.0	16.9	17.0	0	17.4
		50	0	21.8	21.7	21.7	1	22.7	17.0	16.9	16.9	0	17.4
	256QAM	1	0	19.8	19.6	19.8	3	20.7	17.0	17.0	17.1	0	17.4
		1	25	20.0	19.8	20.0	3	20.7	16.9	17.0	16.9	0	17.4
		1	49	19.8	19.7	19.8	3	20.7	17.1	17.0	17.0	0	17.4
		25	0	19.8	19.7	19.7	3	20.7	17.1	16.9	16.9	0	17.4
		25	12	19.8	19.7	19.7	3	20.7	17.1	16.9	17.0	0	17.4
		25	25	19.8	19.6	19.8	3	20.7	17.0	16.9	17.0	0	17.4
		50	0	19.8	19.7	19.7	3	20.7	17.0	16.9	16.9	0	17.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Tune-up Limit	131997	132322	132647	MPR	Tune-up Limit
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5 MHz	QPSK	1	0	23.1	23.0	23.1	0	23.7	17.0	16.9	16.9	0	17.4
		1	12	23.2	23.1	23.2	0	23.7	17.0	16.9	17.0	0	17.4
		1	24	23.1	23.0	23.1	0	23.7	17.0	16.8	16.9	0	17.4
		12	0	23.1	23.0	23.2	0	23.7	17.0	16.9	17.0	0	17.4
		12	7	23.2	23.0	23.2	0	23.7	17.0	16.8	17.0	0	17.4
		12	13	23.1	23.0	23.2	0	23.7	17.0	16.8	17.0	0	17.4
		25	0	23.2	23.0	23.2	0	23.7	17.0	16.8	17.0	0	17.4
	16QAM	1	0	23.0	22.9	22.9	0	23.7	17.1	16.9	17.1	0	17.4
		1	12	23.0	22.9	23.0	0	23.7	17.0	17.0	17.1	0	17.4
		1	24	23.0	23.0	22.7	0	23.7	17.0	17.1	17.0	0	17.4
		12	0	22.9	22.9	23.0	0	23.7	16.8	16.9	17.0	0	17.4
		12	7	22.8	22.9	23.0	0	23.7	16.8	16.9	17.0	0	17.4
		12	13	22.8	22.9	23.0	0	23.7	16.8	16.9	17.0	0	17.4
		25	0	23.0	22.8	23.0	0	23.7	17.1	16.9	17.0	0	17.4
	64QAM	1	0	22.9	22.9	23.0	0	23.7	17.0	17.0	17.0	0	17.4
		1	12	22.9	22.9	23.0	0	23.7	17.0	17.1	17.0	0	17.4
		1	24	22.8	22.8	22.9	0	23.7	17.0	17.0	17.0	0	17.4
		12	0	21.8	21.7	21.9	1	22.7	17.0	16.9	17.0	0	17.4
		12	7	21.8	21.7	21.9	1	22.7	17.1	16.9	17.0	0	17.4
		12	13	21.8	21.6	21.8	1	22.7	17.0	16.9	17.0	0	17.4
		25	0	21.8	21.7	21.8	1	22.7	17.0	16.9	17.0	0	17.4
	256QAM	1	0	19.9	19.8	20.0	3	20.7	16.9	16.9	17.0	0	17.4
		1	12	19.9	19.8	20.0	3	20.7	17.0	16.9	17.0	0	17.4
		1	24	19.9	19.7	20.0	3	20.7	16.9	17.1	17.1	0	17.4
		12	0	19.7	19.6	19.8	3	20.7	17.0	16.9	17.0	0	17.4
		12	7	19.8	19.7	19.8	3	20.7	17.1	16.9	17.0	0	17.4
		12	13	19.8	19.6	19.8	3	20.7	17.0	16.9	17.0	0	17.4
		25	0	19.7	19.6	19.8	3	20.7	17.0	16.9	17.0	0	17.4

LTE Band 66 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131987	132322	132657			131987	132322	132657		
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3 MHz	QPSK	1	0	23.1	22.9	23.1	0	23.7	16.7	16.9	16.9	0	17.4
		1	8	23.2	23.0	23.2	0	23.7	16.8	17.0	16.9	0	17.4
		1	14	23.1	22.9	23.0	0	23.7	16.7	16.9	16.8	0	17.4
		8	0	23.2	23.0	23.2	0	23.7	16.8	17.0	16.9	0	17.4
		8	4	23.2	23.0	23.2	0	23.7	16.9	17.0	17.0	0	17.4
		8	7	23.2	23.0	23.2	0	23.7	16.9	17.0	17.0	0	17.4
		15	0	23.1	23.0	23.1	0	23.7	16.8	17.0	16.9	0	17.4
	16QAM	1	0	22.9	22.8	23.0	0	23.7	16.9	17.0	16.9	0	17.4
		1	8	23.0	22.9	22.9	0	23.7	17.0	16.8	17.0	0	17.4
		1	14	22.9	22.8	23.0	0	23.7	17.0	17.0	17.1	0	17.4
		8	0	22.7	22.8	22.7	0	23.7	16.9	16.8	17.0	0	17.4
		8	4	22.8	22.8	22.8	0	23.7	16.9	16.8	17.0	0	17.4
		8	7	22.8	22.9	22.8	0	23.7	16.9	16.8	17.0	0	17.4
		15	0	22.7	22.8	22.7	0	23.7	16.9	17.0	17.0	0	17.4
	64QAM	1	0	23.0	22.7	22.9	0	23.7	16.9	16.9	17.0	0	17.4
		1	8	23.0	22.8	23.0	0	23.7	17.0	17.0	17.0	0	17.4
		1	14	23.0	22.7	22.9	0	23.7	16.9	16.9	16.9	0	17.4
		8	0	21.8	21.7	21.8	1	22.7	16.9	16.9	17.0	0	17.4
		8	4	21.8	21.7	21.8	1	22.7	16.9	16.9	17.0	0	17.4
		8	7	21.8	21.7	21.8	1	22.7	16.9	16.9	17.0	0	17.4
		15	0	21.8	21.6	21.8	1	22.7	16.9	16.9	17.0	0	17.4
	256QAM	1	0	19.9	19.7	19.8	3	20.7	16.9	17.0	17.1	0	17.4
		1	8	19.9	19.8	19.9	3	20.7	17.0	17.1	17.0	0	17.4
		1	14	19.8	19.7	19.8	3	20.7	16.9	17.0	17.1	0	17.4
		8	0	19.8	19.6	19.8	3	20.7	16.9	16.9	17.0	0	17.4
		8	4	19.8	19.7	19.8	3	20.7	16.9	16.9	17.0	0	17.4
		8	7	19.8	19.6	19.8	3	20.7	16.9	16.9	17.0	0	17.4
		15	0	19.8	19.6	19.7	3	20.7	16.9	16.9	17.0	0	17.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131979	132322	132665			131979	132322	132665		
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4 MHz	QPSK	1	0	23.1	22.9	23.1	0	23.7	16.9	16.8	16.9	0	17.4
		1	3	23.2	23.0	23.2	0	23.7	16.9	16.8	16.9	0	17.4
		1	5	23.1	22.9	23.1	0	23.7	16.9	16.8	16.9	0	17.4
		3	0	23.1	22.9	23.1	0	23.7	16.8	16.8	16.9	0	17.4
		3	1	23.1	23.0	23.1	0	23.7	16.9	16.8	16.9	0	17.4
		3	3	23.1	22.9	23.1	0	23.7	16.9	16.8	16.9	0	17.4
		6	0	23.1	22.9	23.1	0	23.7	16.9	16.8	16.9	0	17.4
	16QAM	1	0	23.0	23.0	23.0	0	23.7	16.9	17.0	17.0	0	17.4
		1	3	23.0	22.8	23.0	0	23.7	16.9	17.0	17.1	0	17.4
		1	5	22.9	22.9	23.0	0	23.7	16.9	16.9	17.0	0	17.4
		3	0	22.8	23.0	22.8	0	23.7	17.1	17.0	16.9	0	17.4
		3	1	22.8	22.9	22.8	0	23.7	17.1	17.0	16.9	0	17.4
		3	3	22.8	23.0	22.8	0	23.7	17.1	17.0	16.9	0	17.4
		6	0	22.7	22.8	22.7	0	23.7	16.9	16.8	17.0	0	17.4
	64QAM	1	0	22.9	22.7	23.0	0	23.7	17.0	16.9	16.9	0	17.4
		1	3	23.0	22.7	23.0	0	23.7	17.0	16.9	16.9	0	17.4
		1	5	22.9	22.6	23.0	0	23.7	17.0	16.9	16.9	0	17.4
		3	0	22.9	22.6	22.9	0	23.7	17.0	16.9	17.0	0	17.4
		3	1	22.9	22.7	22.9	0	23.7	17.0	16.9	17.0	0	17.4
		3	3	22.9	22.7	22.9	0	23.7	17.0	16.9	17.0	0	17.4
		6	0	21.8	21.6	21.8	1	22.7	16.9	16.7	16.9	0	17.4
	256QAM	1	0	19.8	19.6	19.8	3	20.7	17.0	16.9	17.0	0	17.4
		1	3	19.9	19.6	19.9	3	20.7	17.0	16.9	17.0	0	17.4
		1	5	19.8	19.6	19.8	3	20.7	17.0	16.9	17.0	0	17.4
		3	0	19.8	19.6	19.8	3	20.7	16.9	16.9	17.0	0	17.4
		3	1	19.8	19.6	19.8	3	20.7	16.9	16.9	17.0	0	17.4
		3	3	19.8	19.6	19.9	3	20.7	16.9	16.9	17.0	0	17.4
		6	0	19.7	19.6	19.9	3	20.7	17.1	16.9	16.8	0	17.4

LTE Band 66 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132072	132322	132572	MPR	Tune-up Limit	132072	132322	132572	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20 MHz	QPSK	1	0	19.7	19.7	19.5	0	20.5	20.2	20.3	20.1	0	20.7
		1	49	19.7	19.7	19.6	0	20.5	20.5	20.5	20.2	0	20.7
		1	99	19.7	19.6	19.4	0	20.5	20.4	20.2	20.2	0	20.7
		50	0	19.7	19.7	19.5	0	20.5	20.2	20.2	20.1	0	20.7
		50	24	19.7	19.7	19.6	0	20.5	20.4	20.4	20.1	0	20.7
		50	50	19.7	19.6	19.4	0	20.5	20.2	20.2	20.0	0	20.7
		100	0	19.5	19.6	19.5	0	20.5	20.2	20.2	20.0	0	20.7
	16QAM	1	0	19.7	19.7	19.5	0	20.5	20.2	20.3	20.1	0	20.7
		1	49	19.6	19.6	19.6	0	20.5	20.4	20.3	20.1	0	20.7
		1	99	19.7	19.6	19.4	0	20.5	20.2	20.2	20.2	0	20.7
		50	0	19.4	19.3	19.0	0	20.5	20.2	20.2	20.1	0	20.7
		50	24	19.4	19.4	19.0	0	20.5	20.3	20.2	20.0	0	20.7
		50	50	19.4	19.3	19.0	0	20.5	20.2	20.2	20.0	0	20.7
		100	0	19.4	19.3	19.0	0	20.5	20.2	20.1	20.0	0	20.7
	64QAM	1	0	19.7	19.4	19.4	0	20.5	20.3	20.3	20.2	0	20.7
		1	49	19.8	19.5	19.5	0	20.5	20.3	20.3	20.3	0	20.7
		1	99	19.7	19.3	19.3	0	20.5	20.3	20.3	20.2	0	20.7
		50	0	19.4	19.3	19.3	0	20.5	20.2	20.1	20.0	0	20.7
		50	24	19.5	19.3	19.3	0	20.5	20.3	20.2	20.0	0	20.7
		50	50	19.5	19.2	19.2	0	20.5	20.2	20.1	20.0	0	20.7
		100	0	19.5	19.3	19.3	0	20.5	20.2	20.1	20.0	0	20.7
	256QAM	1	0	18.9	19.0	19.1	0.8	19.7	19.2	19.1	19.1	1	19.7
		1	49	19.0	18.9	19.0	0.8	19.7	19.2	19.3	19.1	1	19.7
		1	99	18.9	18.8	18.9	0.8	19.7	19.1	19.2	19.1	1	19.7
		50	0	18.8	18.7	18.8	0.8	19.7	19.0	18.9	18.9	1	19.7
		50	24	18.9	18.7	18.8	0.8	19.7	19.1	19.0	18.8	1	19.7
		50	50	18.9	18.7	18.8	0.8	19.7	19.0	18.9	18.8	1	19.7
		100	0	18.9	18.7	18.8	0.8	19.7	19.0	18.9	18.8	1	19.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Tune-up Limit	132047	132322	132597	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15 MHz	QPSK	1	0	19.4	19.3	19.3	0	20.5	20.0	20.2	20.1	0	20.7
		1	37	19.5	19.4	19.3	0	20.5	20.1	20.2	20.1	0	20.7
		1	74	19.3	19.3	19.2	0	20.5	19.9	20.1	20.0	0	20.7
		36	0	19.4	19.3	19.2	0	20.5	20.0	20.1	20.1	0	20.7
		36	20	19.4	19.4	19.3	0	20.5	20.1	20.2	20.1	0	20.7
		36	39	19.4	19.3	19.3	0	20.5	20.0	20.2	20.1	0	20.7
		75	0	19.4	19.3	19.2	0	20.5	20.1	20.1	20.1	0	20.7
	16QAM	1	0	19.8	19.6	19.6	0	20.5	20.3	20.2	20.1	0	20.7
		1	37	19.8	19.7	19.6	0	20.5	20.3	20.1	20.3	0	20.7
		1	74	19.7	19.6	19.6	0	20.5	20.3	20.2	20.3	0	20.7
		36	0	19.4	19.3	19.2	0	20.5	20.2	20.1	20.1	0	20.7
		36	20	19.5	19.4	19.3	0	20.5	20.3	20.2	20.1	0	20.7
		36	39	19.4	19.4	19.3	0	20.5	20.2	20.2	20.0	0	20.7
		75	0	19.4	19.3	19.2	0	20.5	20.2	20.2	20.1	0	20.7
	64QAM	1	0	19.7	19.5	19.5	0	20.5	20.4	20.3	20.3	0	20.7
		1	37	19.7	19.6	19.5	0	20.5	20.2	20.4	20.3	0	20.7
		1	74	19.7	19.5	19.4	0	20.5	20.3	20.3	20.2	0	20.7
		36	0	19.5	19.4	19.3	0	20.5	20.2	20.1	20.1	0	20.7
		36	20	19.5	19.5	19.3	0	20.5	20.3	20.2	20.1	0	20.7
		36	39	19.5	19.4	19.3	0	20.5	20.2	20.1	20.0	0	20.7
		75	0	19.5	19.5	19.3	0	20.5	20.2	20.2	20.0	0	20.7
	256QAM	1	0	19.0	19.0	18.9	0.8	19.7	19.2	19.0	19.0	1	19.7
		1	37	19.0	19.1	18.9	0.8	19.7	19.3	19.2	19.0	1	19.7
		1	74	18.9	19.0	18.8	0.8	19.7	19.1	19.1	18.9	1	19.7
		36	0	18.8	18.8	18.7	0.8	19.7	19.1	19.0	19.0	1	19.7
		36	20	18.9	18.9	18.7	0.8	19.7	19.2	19.1	19.0	1	19.7
		36	39	18.9	18.9	18.7	0.8	19.7	19.2	19.1	18.9	1	19.7
		75	0	18.9	18.9	18.7	0.8	19.7	19.1	19.1	19.0	1	19.7

LTE Band 66 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132022	132322	132622	MPR	Tune-up Limit	132022	132322	132622	MPR	Tune-up Limit
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10 MHz	QPSK	1	0	19.5	19.5	19.3	0	20.5	20.1	20.2	20.1	0	20.7
		1	25	19.5	19.5	19.3	0	20.5	20.3	20.3	20.1	0	20.7
		1	49	19.4	19.4	19.2	0	20.5	20.3	20.2	20.1	0	20.7
		25	0	19.5	19.5	19.4	0	20.5	20.3	20.2	20.2	0	20.7
		25	12	19.6	19.5	19.4	0	20.5	20.2	20.3	20.2	0	20.7
		25	25	19.5	19.5	19.4	0	20.5	20.1	20.3	20.2	0	20.7
		50	0	19.6	19.5	19.4	0	20.5	20.2	20.3	20.2	0	20.7
	16QAM	1	0	19.8	19.7	19.7	0	20.5	20.4	20.3	20.2	0	20.7
		1	25	19.8	19.7	19.7	0	20.5	20.3	20.3	20.2	0	20.7
		1	49	19.7	19.7	19.6	0	20.5	20.3	20.2	20.1	0	20.7
		25	0	19.5	19.5	19.4	0	20.5	20.1	20.3	20.2	0	20.7
		25	12	19.6	19.5	19.4	0	20.5	20.2	20.3	20.2	0	20.7
		25	25	19.6	19.5	19.4	0	20.5	20.2	20.3	20.3	0	20.7
		50	0	19.6	19.5	19.4	0	20.5	20.2	20.3	20.2	0	20.7
	64QAM	1	0	19.8	19.7	19.5	0	20.5	20.4	20.2	20.2	0	20.7
		1	25	19.7	19.8	19.6	0	20.5	20.2	20.2	20.2	0	20.7
		1	49	19.7	19.7	19.5	0	20.5	20.3	20.3	20.3	0	20.7
		25	0	19.6	19.5	19.5	0	20.5	20.1	20.2	20.2	0	20.7
		25	12	19.7	19.6	19.5	0	20.5	20.2	20.3	20.2	0	20.7
		25	25	19.7	19.6	19.4	0	20.5	20.2	20.3	20.2	0	20.7
		50	0	19.7	19.6	19.4	0	20.5	20.2	20.3	20.2	0	20.7
	256QAM	1	0	19.0	19.1	19.0	0.8	19.7	19.1	19.3	19.3	1	19.7
		1	25	19.0	19.1	19.0	0.8	19.7	19.1	19.3	19.3	1	19.7
		1	49	19.0	19.0	18.9	0.8	19.7	19.1	19.3	19.2	1	19.7
		25	0	19.0	19.0	18.9	0.8	19.7	19.1	19.2	19.1	1	19.7
		25	12	19.1	19.0	18.9	0.8	19.7	19.2	19.3	19.2	1	19.7
		25	25	19.1	19.0	18.8	0.8	19.7	19.1	19.3	19.1	1	19.7
		50	0	19.0	19.0	18.8	0.8	19.7	19.2	19.3	19.2	1	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Tune-up Limit	131997	132322	132647	MPR	Tune-up Limit
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5 MHz	QPSK	1	0	19.5	19.5	19.4	0	20.5	20.3	20.3	20.2	0	20.7
		1	12	19.5	19.5	19.4	0	20.5	20.3	20.3	20.2	0	20.7
		1	24	19.5	19.5	19.3	0	20.5	20.3	20.3	20.1	0	20.7
		12	0	19.5	19.5	19.4	0	20.5	20.4	20.3	20.2	0	20.7
		12	7	19.5	19.5	19.4	0	20.5	20.4	20.4	20.2	0	20.7
		12	13	19.5	19.5	19.4	0	20.5	20.3	20.3	20.1	0	20.7
		25	0	19.5	19.5	19.4	0	20.5	20.3	20.3	20.1	0	20.7
	16QAM	1	0	19.7	19.7	19.5	0	20.5	20.3	20.3	20.1	0	20.7
		1	12	19.7	19.7	19.6	0	20.5	20.3	20.4	20.1	0	20.7
		1	24	19.7	19.6	19.5	0	20.5	20.3	20.2	20.1	0	20.7
		12	0	19.4	19.5	19.3	0	20.5	20.0	20.3	20.3	0	20.7
		12	7	19.5	19.6	19.3	0	20.5	20.0	20.3	20.3	0	20.7
		12	13	19.4	19.5	19.3	0	20.5	20.0	20.3	20.3	0	20.7
		25	0	19.4	19.4	19.3	0	20.5	20.0	20.3	20.1	0	20.7
	64QAM	1	0	19.5	19.6	19.4	0	20.5	20.0	20.4	20.2	0	20.7
		1	12	19.5	19.6	19.4	0	20.5	20.1	20.2	20.3	0	20.7
		1	24	19.5	19.6	19.3	0	20.5	20.0	20.4	20.2	0	20.7
		12	0	19.5	19.5	19.3	0	20.5	20.0	20.4	20.2	0	20.7
		12	7	19.6	19.5	19.3	0	20.5	20.0	20.3	20.2	0	20.7
		12	13	19.5	19.5	19.3	0	20.5	19.9	20.3	20.1	0	20.7
		25	0	19.5	19.5	19.3	0	20.5	20.0	20.3	20.2	0	20.7
	256QAM	1	0	19.1	18.9	19.0	0.8	19.7	19.3	19.2	19.1	1	19.7
		1	12	19.1	19.1	19.0	0.8	19.7	19.3	19.3	19.2	1	19.7
		1	24	19.1	19.0	18.8	0.8	19.7	19.3	19.3	19.1	1	19.7
		12	0	19.0	19.0	18.8	0.8	19.7	19.3	19.2	19.0	1	19.7
		12	7	19.1	19.0	18.8	0.8	19.7	19.3	19.2	19.0	1	19.7
		12	13	19.0	19.0	18.8	0.8	19.7	19.3	19.2	18.8	1	19.7
		25	0	19.1	19.0	18.8	0.8	19.7	19.3	19.2	18.8	1	19.7

LTE Band 66 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131987	132322	132657			131987	132322	132657		
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3 MHz	QPSK	1	0	19.4	19.5	19.3	0	20.5	20.3	20.2	20.1	0	20.7
		1	8	19.5	19.6	19.4	0	20.5	20.2	20.3	20.2	0	20.7
		1	14	19.4	19.4	19.3	0	20.5	20.1	20.2	20.1	0	20.7
		8	0	19.5	19.5	19.4	0	20.5	20.2	20.3	20.1	0	20.7
		8	4	19.5	19.6	19.4	0	20.5	20.2	20.3	20.2	0	20.7
		8	7	19.5	19.5	19.4	0	20.5	20.2	20.3	20.1	0	20.7
		15	0	19.5	19.5	19.3	0	20.5	20.1	20.3	20.1	0	20.7
	16QAM	1	0	19.6	19.5	19.4	0	20.5	20.4	20.4	20.3	0	20.7
		1	8	19.6	19.6	19.5	0	20.5	20.4	20.2	20.4	0	20.7
		1	14	19.6	19.5	19.4	0	20.5	20.3	20.2	20.3	0	20.7
		8	0	19.4	19.4	19.2	0	20.5	20.2	20.3	20.1	0	20.7
		8	4	19.4	19.4	19.2	0	20.5	20.2	20.3	20.2	0	20.7
		8	7	19.4	19.4	19.3	0	20.5	20.2	20.3	20.1	0	20.7
		15	0	19.4	19.4	19.2	0	20.5	20.2	20.3	20.1	0	20.7
	64QAM	1	0	19.6	19.4	19.3	0	20.5	20.3	20.3	20.2	0	20.7
		1	8	19.6	19.6	19.3	0	20.5	20.4	20.3	20.3	0	20.7
		1	14	19.6	19.5	19.3	0	20.5	20.4	20.3	20.2	0	20.7
		8	0	19.5	19.4	19.2	0	20.5	20.2	20.4	20.2	0	20.7
		8	4	19.5	19.4	19.3	0	20.5	20.3	20.3	20.2	0	20.7
		8	7	19.5	19.4	19.2	0	20.5	20.3	20.4	20.2	0	20.7
		15	0	19.4	19.4	19.2	0	20.5	20.2	20.3	20.2	0	20.7
	256QAM	1	0	19.0	19.0	18.8	0.8	19.7	19.3	19.4	18.9	1	19.7
		1	8	19.1	19.1	18.9	0.8	19.7	19.3	19.3	19.0	1	19.7
		1	14	19.0	19.1	18.8	0.8	19.7	19.3	19.2	18.9	1	19.7
		8	0	19.0	19.0	18.9	0.8	19.7	19.3	19.1	18.9	1	19.7
		8	4	19.1	19.0	18.9	0.8	19.7	19.3	19.1	18.9	1	19.7
		8	7	19.0	19.0	18.8	0.8	19.7	19.3	19.1	18.9	1	19.7
		15	0	19.0	19.0	18.8	0.8	19.7	19.4	19.1	18.9	1	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131979	132322	132665			131979	132322	132665		
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4 MHz	QPSK	1	0	19.5	19.5	19.3	0	20.5	20.3	20.3	20.0	0	20.7
		1	3	19.5	19.5	19.4	0	20.5	20.4	20.3	20.1	0	20.7
		1	5	19.5	19.5	19.3	0	20.5	20.3	20.3	20.1	0	20.7
		3	0	19.5	19.5	19.3	0	20.5	20.3	20.3	20.1	0	20.7
		3	1	19.5	19.5	19.4	0	20.5	20.4	20.3	20.1	0	20.7
		3	3	19.5	19.5	19.3	0	20.5	20.4	20.3	20.1	0	20.7
		6	0	19.5	19.5	19.3	0	20.5	20.3	20.3	20.1	0	20.7
	16QAM	1	0	19.5	19.5	19.4	0	20.5	20.3	20.3	20.2	0	20.7
		1	3	19.6	19.5	19.4	0	20.5	20.3	20.3	20.3	0	20.7
		1	5	19.5	19.4	19.4	0	20.5	20.2	20.3	20.2	0	20.7
		3	0	19.4	19.4	19.2	0	20.5	20.2	20.3	20.1	0	20.7
		3	1	19.4	19.4	19.3	0	20.5	20.2	20.3	20.2	0	20.7
		3	3	19.4	19.4	19.3	0	20.5	20.2	20.3	20.1	0	20.7
		6	0	19.4	19.3	19.1	0	20.5	20.2	20.3	20.1	0	20.7
	64QAM	1	0	19.5	19.5	19.4	0	20.5	20.3	20.3	20.2	0	20.7
		1	3	19.5	19.6	19.4	0	20.5	20.3	20.3	20.3	0	20.7
		1	5	19.5	19.5	19.3	0	20.5	20.4	20.3	20.2	0	20.7
		3	0	19.4	19.4	19.1	0	20.5	20.2	20.1	20.1	0	20.7
		3	1	19.4	19.4	19.2	0	20.5	20.2	20.1	20.1	0	20.7
		3	3	19.5	19.4	19.1	0	20.5	20.2	20.1	20.1	0	20.7
		6	0	19.3	19.4	19.1	0	20.5	20.1	20.1	20.1	0	20.7
	256QAM	1	0	19.1	19.1	18.9	0.8	19.7	19.2	19.1	19.3	1	19.7
		1	3	19.1	19.1	18.9	0.8	19.7	19.2	19.1	19.3	1	19.7
		1	5	19.1	19.1	18.9	0.8	19.7	19.2	19.2	19.2	1	19.7
		3	0	19.0	19.0	18.8	0.8	19.7	19.2	19.0	19.2	1	19.7
		3	1	19.0	19.0	18.8	0.8	19.7	19.2	19.1	19.2	1	19.7
		3	3	19.0	19.0	18.8	0.8	19.7	19.2	19.1	19.3	1	19.7
		6	0	19.1	18.9	18.7	0.8	19.7	19.2	19.2	19.1	1	19.7

LTE Band 66 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132072	132322	132572	MPR	Tune-up Limit	132072	132322	132572	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20 MHz	QPSK	1	0	24.2	24.3	24.1	0.0	24.8	20.7	20.7	20.5	0.0	21.0
		1	49	24.2	24.3	24.1	0.0	24.8	20.7	20.8	20.5	0.0	21.0
		1	99	24.1	24.2	24.0	0.0	24.8	20.7	20.6	20.4	0.0	21.0
		50	0	23.9	23.8	23.9	0.3	24.5	20.7	20.7	20.6	0.0	21.0
		50	24	24.0	24.0	24.0	0.3	24.5	20.7	20.8	20.6	0.0	21.0
		50	50	23.8	23.8	23.6	0.3	24.5	20.7	20.7	20.5	0.0	21.0
		100	0	23.5	23.5	23.5	0.3	24.5	20.7	20.6	20.5	0.0	21.0
	16QAM	1	0	23.9	23.8	23.9	0.3	24.5	20.8	20.8	20.7	0.0	21.0
		1	49	24.0	24.0	24.0	0.3	24.5	20.8	20.8	20.7	0.0	21.0
		1	99	23.8	23.8	23.6	0.3	24.5	20.8	20.7	20.8	0.0	21.0
		50	0	22.5	22.5	22.4	1.3	23.5	20.7	20.7	20.6	0.0	21.0
		50	24	22.5	22.5	22.4	1.3	23.5	20.7	20.6	20.6	0.0	21.0
		50	50	22.5	22.6	22.3	1.3	23.5	20.7	20.7	20.5	0.0	21.0
		100	0	22.5	22.5	22.4	1.3	23.5	20.7	20.6	20.5	0.0	21.0
	64QAM	1	0	22.7	22.5	22.4	1.3	23.5	20.8	20.5	20.4	0.0	21.0
		1	49	22.8	22.5	22.6	1.3	23.5	20.8	20.5	20.5	0.0	21.0
		1	99	22.6	22.4	22.3	1.3	23.5	20.6	20.4	20.3	0.0	21.0
		50	0	21.5	21.3	21.2	2.3	22.5	20.6	20.3	20.2	0.0	21.0
		50	24	21.5	21.3	21.2	2.3	22.5	20.5	20.3	20.2	0.0	21.0
		50	50	21.4	21.2	21.2	2.3	22.5	20.4	20.3	20.2	0.0	21.0
		100	0	21.4	21.3	21.1	2.3	22.5	20.5	20.3	20.2	0.0	21.0
	256QAM	1	0	19.6	19.6	19.3	4.3	20.5	20.0	19.8	19.5	0.5	20.5
		1	49	19.6	19.6	19.4	4.3	20.5	19.9	19.7	19.6	0.5	20.5
		1	99	19.5	19.5	19.3	4.3	20.5	19.7	19.6	19.5	0.5	20.5
		50	0	19.5	19.3	19.1	4.3	20.5	19.8	19.5	19.4	0.5	20.5
		50	24	19.5	19.3	19.1	4.3	20.5	19.7	19.5	19.4	0.5	20.5
		50	50	19.4	19.2	19.2	4.3	20.5	19.6	19.5	19.4	0.5	20.5
		100	0	19.4	19.2	19.1	4.3	20.5	19.6	19.5	19.4	0.5	20.5
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Tune-up Limit	132047	132322	132597	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15 MHz	QPSK	1	0	24.3	24.2	23.8	0.0	24.8	20.7	20.6	20.6	0.0	21.0
		1	37	24.3	24.3	23.8	0.0	24.8	20.7	20.8	20.6	0.0	21.0
		1	74	24.2	24.1	23.7	0.0	24.8	20.6	20.6	20.5	0.0	21.0
		36	0	23.5	23.5	23.1	0.3	24.5	20.6	20.6	20.6	0.0	21.0
		36	20	23.6	23.6	23.1	0.3	24.5	20.7	20.7	20.6	0.0	21.0
		36	39	23.5	23.6	23.0	0.3	24.5	20.7	20.7	20.5	0.0	21.0
		75	0	23.5	22.9	23.0	0.3	24.5	20.7	20.6	20.5	0.0	21.0
	16QAM	1	0	23.9	23.5	23.4	0.3	24.5	20.7	20.7	20.7	0.0	21.0
		1	37	24.0	23.6	23.4	0.3	24.5	20.8	20.7	20.8	0.0	21.0
		1	74	23.8	23.5	23.5	0.3	24.5	20.7	20.6	20.7	0.0	21.0
		36	0	22.5	22.2	21.9	1.3	23.5	20.7	20.6	20.6	0.0	21.0
		36	20	22.6	22.3	21.9	1.3	23.5	20.7	20.7	20.6	0.0	21.0
		36	39	22.5	22.3	21.9	1.3	23.5	20.7	20.7	20.5	0.0	21.0
		75	0	22.5	22.2	22.4	1.3	23.5	20.7	20.6	20.5	0.0	21.0
	64QAM	1	0	22.7	22.5	22.4	1.3	23.5	20.7	20.4	20.4	0.0	21.0
		1	37	22.8	22.5	22.4	1.3	23.5	20.7	20.5	20.5	0.0	21.0
		1	74	22.6	22.4	22.4	1.3	23.5	20.6	20.3	20.4	0.0	21.0
		36	0	21.5	21.3	21.2	2.3	22.5	20.6	20.3	20.2	0.0	21.0
		36	20	21.5	21.3	21.2	2.3	22.5	20.6	20.3	20.3	0.0	21.0
		36	39	21.5	21.3	21.2	2.3	22.5	20.5	20.3	20.2	0.0	21.0
		75	0	21.5	21.3	21.2	2.3	22.5	20.5	20.3	20.3	0.0	21.0
	256QAM	1	0	19.7	19.3	19.3	4.3	20.5	19.9	19.6	19.5	0.5	20.5
		1	37	19.7	19.3	19.4	4.3	20.5	19.9	19.6	19.6	0.5	20.5
		1	74	19.6	19.2	19.3	4.3	20.5	19.8	19.5	19.5	0.5	20.5
		36	0	19.5	19.3	19.2	4.3	20.5	19.8	19.5	19.4	0.5	20.5
		36	20	19.5	19.3	19.2	4.3	20.5	19.8	19.5	19.5	0.5	20.5
		36	39	19.5	19.2	19.2	4.3	20.5	19.7	19.5	19.4	0.5	20.5
		75	0	19.5	19.2	19.2	4.3	20.5	19.7	19.5	19.4	0.5	20.5

LTE Band 66 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				132022	132322	132622			132022	132322	132622		
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10 MHz	QPSK	1	0	24.2	24.3	24.2	0.0	24.8	20.7	20.6	20.6	0.0	21.0
		1	25	24.2	24.3	24.1	0.0	24.8	20.8	20.6	20.6	0.0	21.0
		1	49	24.1	24.3	24.1	0.0	24.8	20.7	20.7	20.5	0.0	21.0
		25	0	23.5	23.6	23.5	0.3	24.5	20.7	20.7	20.7	0.0	21.0
		25	12	23.6	23.7	23.5	0.3	24.5	20.7	20.8	20.6	0.0	21.0
		25	25	23.5	23.7	23.5	0.3	24.5	20.7	20.8	20.6	0.0	21.0
		50	0	23.5	23.6	23.5	0.3	24.5	20.7	20.8	20.6	0.0	21.0
	16QAM	1	0	23.8	23.9	23.9	0.3	24.5	20.5	20.5	20.7	0.0	21.0
		1	25	23.8	23.9	23.7	0.3	24.5	20.7	20.6	20.7	0.0	21.0
		1	49	23.7	23.9	23.8	0.3	24.5	20.5	20.6	20.7	0.0	21.0
		25	0	22.4	22.7	22.5	1.3	23.5	20.7	20.6	20.7	0.0	21.0
		25	12	22.7	22.7	22.5	1.3	23.5	20.8	20.8	20.7	0.0	21.0
		25	25	22.7	22.7	22.5	1.3	23.5	20.7	20.8	20.6	0.0	21.0
		50	0	22.7	22.6	22.5	1.3	23.5	20.7	20.6	20.7	0.0	21.0
	64QAM	1	0	22.8	22.6	22.5	1.3	23.5	20.7	20.5	20.5	0.0	21.0
		1	25	22.8	22.7	22.5	1.3	23.5	20.7	20.5	20.5	0.0	21.0
		1	49	22.8	22.6	22.4	1.3	23.5	20.7	20.5	20.4	0.0	21.0
		25	0	21.7	21.4	21.3	2.3	22.5	20.7	20.5	20.3	0.0	21.0
		25	12	21.7	21.4	21.3	2.3	22.5	20.7	20.5	20.3	0.0	21.0
		25	25	21.7	21.4	21.4	2.3	22.5	20.7	20.4	20.4	0.0	21.0
		50	0	21.7	21.4	21.3	2.3	22.5	20.7	20.5	20.3	0.0	21.0
	256QAM	1	0	19.8	19.5	19.4	4.3	20.5	20.0	19.7	19.6	0.5	20.5
		1	25	19.8	19.6	19.5	4.3	20.5	20.1	19.8	19.7	0.5	20.5
		1	49	19.7	19.5	19.4	4.3	20.5	19.9	19.7	19.6	0.5	20.5
		25	0	19.7	19.4	19.3	4.3	20.5	19.9	19.7	19.6	0.5	20.5
		25	12	19.7	19.4	19.3	4.3	20.5	19.9	19.7	19.5	0.5	20.5
		25	25	19.6	19.4	19.3	4.3	20.5	19.9	19.6	19.6	0.5	20.5
		50	0	19.7	19.4	19.3	4.3	20.5	19.9	19.6	19.5	0.5	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131997	132322	132647			131997	132322	132647		
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5 MHz	QPSK	1	0	24.1	24.1	24.0	0.0	24.8	20.8	20.7	20.6	0.0	21.0
		1	12	24.1	24.2	24.0	0.0	24.8	20.8	20.7	20.7	0.0	21.0
		1	24	24.1	24.1	23.9	0.0	24.8	20.8	20.8	20.6	0.0	21.0
		12	0	23.5	23.3	23.2	0.3	24.5	20.8	20.7	20.6	0.0	21.0
		12	7	23.5	23.5	23.2	0.3	24.5	20.7	20.6	20.6	0.0	21.0
		12	13	23.4	23.4	23.2	0.3	24.5	20.6	20.7	20.6	0.0	21.0
		25	0	23.4	23.5	23.2	0.3	24.5	20.6	20.8	20.6	0.0	21.0
	16QAM	1	0	23.8	23.9	23.6	0.3	24.5	20.7	20.5	20.6	0.0	21.0
		1	12	23.9	23.9	23.7	0.3	24.5	20.8	20.7	20.5	0.0	21.0
		1	24	23.9	23.9	23.5	0.3	24.5	20.6	20.6	20.5	0.0	21.0
		12	0	22.5	22.4	22.2	1.3	23.5	20.7	20.6	20.8	0.0	21.0
		12	7	22.6	22.5	22.3	1.3	23.5	20.7	20.8	20.6	0.0	21.0
		12	13	22.5	22.5	22.2	1.3	23.5	20.7	20.8	20.7	0.0	21.0
		25	0	22.4	22.5	22.2	1.3	23.5	20.6	20.8	20.6	0.0	21.0
	64QAM	1	0	22.7	22.6	22.6	1.3	23.5	20.8	20.6	20.5	0.0	21.0
		1	12	22.8	22.6	22.6	1.3	23.5	20.8	20.6	20.5	0.0	21.0
		1	24	22.7	22.6	22.6	1.3	23.5	20.8	20.6	20.4	0.0	21.0
		12	0	21.7	21.4	21.4	2.3	22.5	20.7	20.4	20.4	0.0	21.0
		12	7	21.7	21.4	21.4	2.3	22.5	20.7	20.5	20.4	0.0	21.0
		12	13	21.6	21.4	21.4	2.3	22.5	20.7	20.4	20.4	0.0	21.0
		25	0	21.6	21.4	21.4	2.3	22.5	20.7	20.4	20.4	0.0	21.0
	256QAM	1	0	19.7	19.6	19.5	4.3	20.5	20.2	19.7	19.7	0.5	20.5
		1	12	19.7	19.6	19.5	4.3	20.5	20.2	19.8	19.7	0.5	20.5
		1	24	19.7	19.5	19.5	4.3	20.5	20.1	19.7	19.6	0.5	20.5
		12	0	19.6	19.4	19.4	4.3	20.5	19.9	19.7	19.6	0.5	20.5
		12	7	19.6	19.4	19.4	4.3	20.5	19.9	19.7	19.6	0.5	20.5
		12	13	19.6	19.4	19.3	4.3	20.5	19.9	19.6	19.6	0.5	20.5
		25	0	19.6	19.4	19.4	4.3	20.5	19.9	19.6	19.6	0.5	20.5

LTE Band 66 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131987	132322	132657			131987	132322	132657		
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3 MHz	QPSK	1	0	24.0	24.1	23.9	0.0	24.8	20.7	20.7	20.5	0.0	21.0
		1	8	24.1	24.2	24.1	0.0	24.8	20.6	20.7	20.6	0.0	21.0
		1	14	24.0	24.1	23.9	0.0	24.8	20.7	20.7	20.5	0.0	21.0
		8	0	23.4	23.5	23.2	0.3	24.5	20.7	20.7	20.6	0.0	21.0
		8	4	23.5	23.5	23.3	0.3	24.5	20.7	20.7	20.6	0.0	21.0
		8	7	23.4	23.5	23.3	0.3	24.5	20.7	20.7	20.6	0.0	21.0
		15	0	23.3	23.5	23.2	0.3	24.5	20.8	20.8	20.6	0.0	21.0
	16QAM	1	0	23.6	23.7	23.6	0.3	24.5	20.4	20.3	20.3	0.0	21.0
		1	8	23.7	23.8	23.7	0.3	24.5	20.6	20.3	20.4	0.0	21.0
		1	14	23.7	23.7	23.6	0.3	24.5	20.6	20.3	20.1	0.0	21.0
		8	0	22.5	22.6	22.3	1.3	23.5	20.6	20.6	20.7	0.0	21.0
		8	4	22.5	22.5	22.4	1.3	23.5	20.6	20.8	20.7	0.0	21.0
		8	7	22.5	22.5	22.4	1.3	23.5	20.6	20.8	20.7	0.0	21.0
		15	0	22.4	22.5	22.3	1.3	23.5	20.7	20.6	20.6	0.0	21.0
	64QAM	1	0	22.9	22.4	22.5	1.3	23.5	20.6	20.5	20.6	0.0	21.0
		1	8	23.0	22.5	22.6	1.3	23.5	20.5	20.6	20.6	0.0	21.0
		1	14	22.8	22.4	22.5	1.3	23.5	20.7	20.5	20.5	0.0	21.0
		8	0	21.7	21.4	21.4	2.3	22.5	20.7	20.5	20.5	0.0	21.0
		8	4	21.7	21.4	21.4	2.3	22.5	20.7	20.5	20.5	0.0	21.0
		8	7	21.7	21.4	21.4	2.3	22.5	20.7	20.5	20.5	0.0	21.0
		15	0	21.6	21.4	21.4	2.3	22.5	20.7	20.4	20.4	0.0	21.0
	256QAM	1	0	19.7	19.5	19.4	4.3	20.5	20.0	19.7	19.6	0.5	20.5
		1	8	19.8	19.6	19.5	4.3	20.5	20.1	19.8	19.7	0.5	20.5
		1	14	19.7	19.5	19.4	4.3	20.5	20.0	19.7	19.7	0.5	20.5
		8	0	19.7	19.4	19.4	4.3	20.5	19.9	19.6	19.6	0.5	20.5
		8	4	19.7	19.4	19.5	4.3	20.5	19.9	19.7	19.6	0.5	20.5
		8	7	19.7	19.4	19.4	4.3	20.5	19.9	19.6	19.6	0.5	20.5
		15	0	19.6	19.3	19.4	4.3	20.5	19.9	19.6	19.6	0.5	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131979	132322	132665			131979	132322	132665		
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4 MHz	QPSK	1	0	24.1	24.1	23.9	0.0	24.8	20.8	20.7	20.5	0.0	21.0
		1	3	24.2	24.2	24.0	0.0	24.8	20.7	20.7	20.6	0.0	21.0
		1	5	24.1	24.1	23.9	0.0	24.8	20.7	20.7	20.6	0.0	21.0
		3	0	24.0	24.1	23.9	0.0	24.8	20.7	20.8	20.5	0.0	21.0
		3	1	24.2	24.1	24.0	0.0	24.8	20.8	20.8	20.6	0.0	21.0
		3	3	24.1	24.1	24.0	0.0	24.8	20.6	20.7	20.5	0.0	21.0
		6	0	23.4	23.4	23.2	0.3	24.5	20.7	20.8	20.5	0.0	21.0
	16QAM	1	0	23.8	23.7	23.6	0.3	24.5	20.5	20.2	20.8	0.0	21.0
		1	3	23.8	23.7	23.6	0.3	24.5	20.8	20.7	20.5	0.0	21.0
		1	5	23.8	23.7	23.5	0.3	24.5	20.4	20.4	20.7	0.0	21.0
		3	0	23.5	23.7	23.5	0.3	24.5	20.7	20.3	20.7	0.0	21.0
		3	1	23.7	23.6	23.5	0.3	24.5	19.8	20.7	20.8	0.0	21.0
		3	3	23.7	23.6	23.5	0.3	24.5	20.6	20.4	20.8	0.0	21.0
		6	0	22.5	22.5	22.2	1.3	23.5	20.7	20.8	20.6	0.0	21.0
	64QAM	1	0	22.7	22.5	22.5	1.3	23.5	20.8	20.6	20.4	0.0	21.0
		1	3	22.8	22.4	22.5	1.3	23.5	20.8	20.6	20.5	0.0	21.0
		1	5	22.7	22.4	22.5	1.3	23.5	20.7	20.5	20.5	0.0	21.0
		3	0	22.7	22.4	22.4	1.3	23.5	20.6	20.4	20.4	0.0	21.0
		3	1	22.7	22.4	22.4	1.3	23.5	20.7	20.4	20.4	0.0	21.0
		3	3	22.7	22.4	22.4	1.3	23.5	20.7	20.4	20.4	0.0	21.0
		6	0	21.7	21.3	21.3	2.3	22.5	20.6	20.4	20.2	0.0	21.0
	256QAM	1	0	19.7	19.4	19.3	4.3	20.5	20.0	19.7	19.6	0.5	20.5
		1	3	19.8	19.5	19.4	4.3	20.5	20.0	19.8	19.7	0.5	20.5
		1	5	19.7	19.4	19.3	4.3	20.5	20.0	19.7	19.6	0.5	20.5
		3	0	19.6	19.3	19.3	4.3	20.5	20.0	19.6	19.6	0.5	20.5
		3	1	19.7	19.3	19.3	4.3	20.5	19.9	19.6	19.6	0.5	20.5
		3	3	19.7	19.4	19.3	4.3	20.5	19.9	19.6	19.6	0.5	20.5
		6	0	19.7	19.1	19.4	4.3	20.5	19.9	19.6	19.6	0.5	20.5

LTE Band 66 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132072	132322	132572	MPR	Tune-up Limit	132072	132322	132572	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20 MHz	QPSK	1	0	19.3	19.2	19.2	0	20	21.0	21.1	21.1	0	21.1
		1	49	19.3	19.3	19.3	0	20	21.0	21.1	21.1	0	21.1
		1	99	19.3	19.2	19.2	0	20	21.0	21.1	21.1	0	21.1
		50	0	19.2	19.1	19.2	0	20	21.0	21.1	21.1	0	21.1
		50	24	19.3	19.3	19.3	0	20	21.0	21.1	21.1	0	21.1
		50	50	19.3	19.2	19.3	0	20	21.0	21.1	21.1	0	21.1
		100	0	19.3	19.3	19.2	0	20	21.0	21.1	21.1	0	21.1
	16QAM	1	0	19.2	19.3	19.1	0	20	21.1	21.1	21.1	0	21.1
		1	49	19.2	19.1	19.2	0	20	21.1	21.1	21.1	0	21.1
		1	99	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		50	0	19.3	19.2	19.2	0	20	21.1	21.1	21.1	0	21.1
		50	24	19.3	19.2	19.2	0	20	21.1	21.1	21.1	0	21.1
		50	50	19.3	19.2	19.3	0	20	21.1	21.1	21.1	0	21.1
		100	0	19.3	19.2	19.2	0	20	21.1	21.1	21.1	0	21.1
	64QAM	1	0	19.1	19.0	19.1	0	20	21.1	21.0	21.1	0	21.1
		1	49	19.3	18.9	19.0	0	20	21.1	21.0	21.1	0	21.1
		1	99	19.1	18.8	19.1	0	20	21.0	20.9	21.0	0	21.1
		50	0	18.9	18.8	18.8	0	20	20.8	20.7	20.7	0	21.1
		50	24	18.9	18.8	18.9	0	20	20.8	20.7	20.8	0	21.1
		50	50	18.9	18.7	18.9	0	20	20.8	20.6	20.8	0	21.1
		100	0	18.9	18.8	18.8	0	20	20.8	20.7	20.7	0	21.1
	256QAM	1	0	18.3	18.2	18.3	0.8	19.2	19.0	18.8	18.8	1.9	19.2
		1	49	18.3	18.3	18.4	0.8	19.2	19.1	18.8	19.0	1.9	19.2
		1	99	18.2	18.2	18.4	0.8	19.2	19.0	18.8	18.8	1.9	19.2
		50	0	18.2	18.1	18.1	0.8	19.2	18.8	18.7	18.7	1.9	19.2
		50	24	18.2	18.1	18.2	0.8	19.2	18.8	18.7	18.8	1.9	19.2
		50	50	18.2	18.1	18.1	0.8	19.2	18.8	18.6	18.8	1.9	19.2
		100	0	18.2	18.1	18.1	0.8	19.2	18.8	18.7	18.7	1.9	19.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Tune-up Limit	132047	132322	132597	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15 MHz	QPSK	1	0	19.3	19.2	19.3	0	20	21.1	21.1	21.1	0	21.1
		1	37	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		1	74	19.2	19.1	19.2	0	20	21.1	21.1	21.1	0	21.1
		36	0	19.3	19.1	19.2	0	20	21.1	21.1	21.1	0	21.1
		36	20	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		36	39	19.3	19.2	19.3	0	20	21.1	21.1	21.1	0	21.1
		75	0	19.3	19.2	19.3	0	20	21.1	21.1	21.1	0	21.1
	16QAM	1	0	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		1	37	19.2	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		1	74	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		36	0	19.3	19.1	19.2	0	20	21.1	21.1	21.1	0	21.1
		36	20	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		36	39	19.3	19.2	19.3	0	20	21.1	21.1	21.1	0	21.1
		75	0	19.3	19.2	19.3	0	20	21.1	21.1	21.1	0	21.1
	64QAM	1	0	19.1	18.9	19.1	0	20	21.1	21.1	21.1	0	21.1
		1	37	19.1	19.0	19.1	0	20	21.1	21.1	21.1	0	21.1
		1	74	19.0	18.9	19.1	0	20	21.0	21.0	21.1	0	21.1
		36	0	18.9	18.8	18.8	0	20	20.9	20.7	20.7	0	21.1
		36	20	18.9	18.8	18.9	0	20	20.9	20.7	20.7	0	21.1
		36	39	18.9	18.8	18.9	0	20	20.8	20.7	20.8	0	21.1
		75	0	18.9	18.8	18.8	0	20	20.8	20.7	20.8	0	21.1
	256QAM	1	0	18.2	18.0	18.2	0.8	19.2	18.9	18.7	18.9	1.9	19.2
		1	37	18.4	18.1	18.4	0.8	19.2	19.0	18.8	19.1	1.9	19.2
		1	74	18.2	18.0	18.4	0.8	19.2	18.9	18.7	18.9	1.9	19.2
		36	0	18.2	18.1	18.1	0.8	19.2	18.8	18.7	18.7	1.9	19.2
		36	20	18.2	18.1	18.1	0.8	19.2	18.8	18.7	18.7	1.9	19.2
		36	39	18.2	18.1	18.2	0.8	19.2	18.8	18.6	18.8	1.9	19.2
		75	0	18.2	18.1	18.1	0.8	19.2	18.8	18.7	18.7	1.9	19.2

LTE Band 66 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				132022	132322	132622			132022	132322	132622		
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10 MHz	QPSK	1	0	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		1	25	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		1	49	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		25	0	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		25	12	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		25	25	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		50	0	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
	16QAM	1	0	19.3	19.2	19.2	0	20	21.1	21.1	21.1	0	21.1
		1	25	19.1	19.2	19.2	0	20	21.1	21.1	21.1	0	21.1
		1	49	19.3	19.2	19.3	0	20	21.1	21.1	21.1	0	21.1
		25	0	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		25	12	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		25	25	18.4	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
		50	0	19.3	19.3	19.3	0	20	21.1	21.1	21.1	0	21.1
	64QAM	1	0	19.2	18.9	19.1	0	20	21.1	21.1	21.1	0	21.1
		1	25	19.2	19.0	19.3	0	20	21.1	21.1	21.1	0	21.1
		1	49	19.2	18.9	19.2	0	20	21.1	21.1	21.1	0	21.1
		25	0	19.1	19.0	19.1	0	20	21.0	20.9	20.9	0	21.1
		25	12	19.1	19.0	19.1	0	20	21.0	20.9	20.9	0	21.1
		25	25	19.1	18.9	19.1	0	20	21.0	20.8	21.0	0	21.1
		50	0	19.1	18.9	19.0	0	20	21.0	20.8	20.9	0	21.1
	256QAM	1	0	18.4	18.3	18.3	0.8	19.2	19.0	18.9	18.9	1.9	19.2
		1	25	18.5	18.4	18.5	0.8	19.2	19.0	19.0	19.1	1.9	19.2
		1	49	18.4	18.3	18.4	0.8	19.2	19.0	18.9	19.0	1.9	19.2
		25	0	18.4	18.3	18.3	0.8	19.2	19.0	18.9	18.9	1.9	19.2
		25	12	18.4	18.3	18.4	0.8	19.2	19.0	18.9	18.9	1.9	19.2
		25	25	18.4	18.3	18.4	0.8	19.2	19.0	18.9	19.0	1.9	19.2
		50	0	18.4	18.2	18.3	0.8	19.2	19.0	18.9	18.9	1.9	19.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131997	132322	132647			131997	132322	132647		
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5 MHz	QPSK	1	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		1	12	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		1	24	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		12	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		12	7	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		12	13	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		25	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
	16QAM	1	0	19.2	19.1	19.1	0	20	21.0	21.1	21.0	0	21.1
		1	12	19.3	19.2	19.1	0	20	21.0	21.1	21.0	0	21.1
		1	24	19.1	19.1	19.1	0	20	21.0	21.1	21.0	0	21.1
		12	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		12	7	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		12	13	19.3	19.3	19.3	0	20	21.0	20.9	21.0	0	21.1
		25	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
	64QAM	1	0	19.2	19.1	19.2	0	20	21.0	21.1	21.0	0	21.1
		1	12	19.2	19.1	19.2	0	20	21.0	21.1	21.0	0	21.1
		1	24	19.1	19.0	19.2	0	20	21.0	21.0	21.0	0	21.1
		12	0	19.1	18.9	19.1	0	20	21.0	20.9	21.0	0	21.1
		12	7	19.1	19.0	19.1	0	20	21.0	20.9	21.0	0	21.1
		12	13	19.1	18.9	19.1	0	20	20.9	20.8	21.0	0	21.1
		25	0	19.1	18.9	19.1	0	20	21.0	20.8	21.0	0	21.1
	256QAM	1	0	18.5	18.4	18.5	0.8	19.2	19.0	18.9	19.1	1.9	19.2
		1	12	18.4	18.5	18.6	0.8	19.2	19.1	18.9	19.1	1.9	19.2
		1	24	18.5	18.4	18.5	0.8	19.2	19.0	18.9	19.1	1.9	19.2
		12	0	18.4	18.3	18.4	0.8	19.2	19.0	18.9	19.0	1.9	19.2
		12	7	18.4	18.2	18.4	0.8	19.2	19.0	18.9	19.0	1.9	19.2
		12	13	18.4	18.2	18.4	0.8	19.2	19.0	18.8	19.0	1.9	19.2
		25	0	18.4	18.2	18.4	0.8	19.2	19.0	18.8	19.0	1.9	19.2

LTE Band 66 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131987	132322	132657			131987	132322	132657		
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3 MHz	QPSK	1	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		1	8	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		1	14	19.3	19.2	19.3	0	20	21.0	21.0	21.0	0	21.1
		8	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		8	4	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		8	7	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		15	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
	16QAM	1	0	19.2	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		1	8	19.2	19.1	19.2	0	20	21.0	21.0	21.0	0	21.1
		1	14	19.1	19.3	19.2	0	20	21.0	21.0	21.0	0	21.1
		8	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		8	4	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		8	7	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		15	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
	64QAM	1	0	19.3	19.0	19.2	0	20	21.0	20.9	21.0	0	21.1
		1	8	19.3	19.1	19.3	0	20	21.0	21.1	21.0	0	21.1
		1	14	19.3	19.0	19.2	0	20	21.0	20.9	21.0	0	21.1
		8	0	19.1	18.9	19.1	0	20	21.0	20.8	21.0	0	21.1
		8	4	19.1	18.9	19.2	0	20	21.0	20.9	21.0	0	21.1
		8	7	19.1	18.9	19.2	0	20	21.0	20.9	21.0	0	21.1
		15	0	19.1	18.9	19.1	0	20	21.0	20.8	20.9	0	21.1
	256QAM	1	0	18.4	18.4	18.5	0.8	19.2	19.1	18.9	19.0	1.9	19.2
		1	8	18.4	18.4	18.5	0.8	19.2	19.2	19.0	19.1	1.9	19.2
		1	14	18.4	18.4	18.5	0.8	19.2	19.1	18.9	19.1	1.9	19.2
		8	0	18.4	18.2	18.4	0.8	19.2	19.0	18.8	19.0	1.9	19.2
		8	4	18.5	18.2	18.5	0.8	19.2	19.0	18.9	19.1	1.9	19.2
		8	7	18.4	18.3	18.4	0.8	19.2	19.0	18.9	19.1	1.9	19.2
		15	0	18.4	18.2	18.4	0.8	19.2	19.0	18.8	19.0	1.9	19.2
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131979	132322	132665			131979	132322	132665		
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4 MHz	QPSK	1	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		1	3	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		1	5	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		3	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		3	1	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		3	3	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		6	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
	16QAM	1	0	19.2	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		1	3	19.2	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		1	5	19.1	19.3	19.2	0	20	21.0	21.0	21.0	0	21.1
		3	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		3	1	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		3	3	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
		6	0	19.3	19.3	19.3	0	20	21.0	21.0	21.0	0	21.1
	64QAM	1	0	19.2	19.0	19.1	0	20	21.1	21.0	21.0	0	21.1
		1	3	19.3	19.0	19.1	0	20	21.0	21.1	21.0	0	21.1
		1	5	19.2	19.0	19.1	0	20	21.1	21.0	21.0	0	21.1
		3	0	19.1	18.9	19.2	0	20	21.1	20.9	21.0	0	21.1
		3	1	19.1	18.9	19.2	0	20	21.0	20.9	21.1	0	21.1
		3	3	19.1	18.9	19.3	0	20	21.1	21.0	21.1	0	21.1
		6	0	19.0	18.9	19.0	0	20	20.8	20.8	20.9	0	21.1
	256QAM	1	0	18.5	18.3	18.4	0.8	19.2	19.1	18.9	19.0	1.9	19.2
		1	3	18.6	18.4	18.5	0.8	19.2	19.1	19.0	19.1	1.9	19.2
		1	5	18.5	18.3	18.4	0.8	19.2	19.0	18.8	19.0	1.9	19.2
		3	0	18.4	18.2	18.4	0.8	19.2	18.9	18.8	19.0	1.9	19.2
		3	1	18.5	18.3	18.4	0.8	19.2	19.0	18.8	19.0	1.9	19.2
		3	3	18.5	18.3	18.4	0.8	19.2	19.0	18.8	19.0	1.9	19.2
		6	0	18.4	18.3	18.3	0.8	19.2	18.8	18.6	19.0	1.9	19.2

LTE Band 71 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297 / 680.5 MHz	MPR	Tune-up Limit	133297 / 680.5 MHz	MPR	Tune-up Limit
20 MHz	QPSK	1	0	25.2	0	25.7	25.2	0	25.7
		1	49	25.3	0	25.7	25.3	0	25.7
		1	99	25.2	0	25.7	25.2	0	25.7
		50	0	24.2	1	24.7	24.2	1	24.7
		50	24	24.3	1	24.7	24.3	1	24.7
		50	50	24.2	1	24.7	24.2	1	24.7
		100	0	24.3	1	24.7	24.3	1	24.7
	16QAM	1	0	24.3	1	24.7	24.3	1	24.7
		1	49	24.3	1	24.7	24.3	1	24.7
		1	99	24.3	1	24.7	24.3	1	24.7
		50	0	23.2	2	23.7	23.2	2	23.7
		50	24	23.3	2	23.7	23.3	2	23.7
		50	50	23.2	2	23.7	23.2	2	23.7
		100	0	23.2	2	23.7	23.2	2	23.7
	64QAM	1	0	23.3	2	23.7	23.3	2	23.7
		1	49	23.4	2	23.7	23.4	2	23.7
		1	99	23.4	2	23.7	23.4	2	23.7
		50	0	22.1	3	22.7	22.1	3	22.7
		50	24	22.1	3	22.7	22.1	3	22.7
		50	50	22.2	3	22.7	22.2	3	22.7
		100	0	22.2	3	22.7	22.2	3	22.7
	256QAM	1	0	20.2	5	20.7	20.2	5	20.7
		1	49	20.4	5	20.7	20.4	5	20.7
		1	99	20.6	5	20.7	20.6	5	20.7
		50	0	20.1	5	20.7	20.1	5	20.7
		50	24	20.2	5	20.7	20.2	5	20.7
		50	50	20.2	5	20.7	20.2	5	20.7
		100	0	20.2	5	20.7	20.2	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297 / 680.5 MHz	MPR	Tune-up Limit	133297 / 680.5 MHz	MPR	Tune-up Limit
15 MHz	QPSK	1	0	25.2	0	25.7	25.2	0	25.7
		1	37	25.2	0	25.7	25.2	0	25.7
		1	74	25.2	0	25.7	25.2	0	25.7
		36	0	24.2	1	24.7	24.2	1	24.7
		36	20	24.3	1	24.7	24.3	1	24.7
		36	39	24.2	1	24.7	24.2	1	24.7
		75	0	24.2	1	24.7	24.2	1	24.7
	16QAM	1	0	24.3	1	24.7	24.3	1	24.7
		1	37	24.3	1	24.7	24.3	1	24.7
		1	74	24.3	1	24.7	24.3	1	24.7
		36	0	23.2	2	23.7	23.2	2	23.7
		36	20	23.3	2	23.7	23.3	2	23.7
		36	39	23.2	2	23.7	23.2	2	23.7
		75	0	23.3	2	23.7	23.3	2	23.7
	64QAM	1	0	23.3	2	23.7	23.3	2	23.7
		1	37	23.2	2	23.7	23.2	2	23.7
		1	74	23.3	2	23.7	23.3	2	23.7
		36	0	22.1	3	22.7	22.1	3	22.7
		36	20	22.1	3	22.7	22.1	3	22.7
		36	39	22.1	3	22.7	22.1	3	22.7
		75	0	22.1	3	22.7	22.1	3	22.7
	256QAM	1	0	20.2	5	20.7	20.2	5	20.7
		1	37	20.2	5	20.7	20.2	5	20.7
		1	74	20.3	5	20.7	20.3	5	20.7
		36	0	20.1	5	20.7	20.1	5	20.7
		36	20	20.1	5	20.7	20.1	5	20.7
		36	39	20.1	5	20.7	20.1	5	20.7
		75	0	20.1	5	20.7	20.1	5	20.7

LTE Band 71 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133172	133297	133422	MPR	Tune-up Limit	133172	133297	133422	MPR	Tune-up Limit
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10 MHz	QPSK	1	0	25.2	25.1	25.2	0	25.7	25.2	25.1	25.2	0	25.7
		1	25	25.2	25.1	25.2	0	25.7	25.2	25.1	25.2	0	25.7
		1	49	25.1	25.1	25.1	0	25.7	25.1	25.1	25.1	0	25.7
		25	0	24.1	24.0	24.1	1	24.7	24.1	24.0	24.1	1	24.7
		25	12	24.2	24.1	24.2	1	24.7	24.2	24.1	24.2	1	24.7
		25	25	24.2	24.1	24.2	1	24.7	24.2	24.1	24.2	1	24.7
		50	0	24.2	24.1	24.1	1	24.7	24.2	24.1	24.1	1	24.7
	16QAM	1	0	24.3	24.2	24.1	1	24.7	24.3	24.2	24.1	1	24.7
		1	25	24.2	24.1	24.2	1	24.7	24.2	24.1	24.2	1	24.7
		1	49	24.2	24.2	24.1	1	24.7	24.2	24.2	24.1	1	24.7
		25	0	23.2	23.1	23.2	2	23.7	23.2	23.1	23.2	2	23.7
		25	12	23.2	23.2	23.2	2	23.7	23.2	23.2	23.2	2	23.7
		25	25	23.2	23.1	23.2	2	23.7	23.2	23.1	23.2	2	23.7
		50	0	23.2	23.1	23.1	2	23.7	23.2	23.1	23.1	2	23.7
	64QAM	1	0	23.3	23.1	23.3	2	23.7	23.3	23.1	23.3	2	23.7
		1	25	23.3	23.1	23.4	2	23.7	23.3	23.1	23.4	2	23.7
		1	49	23.1	23.2	23.2	2	23.7	23.1	23.2	23.2	2	23.7
		25	0	22.1	21.9	22.1	3	22.7	22.1	21.9	22.1	3	22.7
		25	12	22.1	21.9	22.1	3	22.7	22.1	21.9	22.1	3	22.7
		25	25	22.0	22.0	22.1	3	22.7	22.0	22.0	22.1	3	22.7
		50	0	22.1	22.0	22.1	3	22.7	22.1	22.0	22.1	3	22.7
	256QAM	1	0	20.1	20.0	20.1	5	20.7	20.1	20.0	20.1	5	20.7
		1	25	20.2	20.1	20.3	5	20.7	20.2	20.1	20.3	5	20.7
		1	49	20.0	20.1	20.1	5	20.7	20.0	20.1	20.1	5	20.7
		25	0	20.1	19.9	20.1	5	20.7	20.1	19.9	20.1	5	20.7
		25	12	20.1	19.9	20.1	5	20.7	20.1	19.9	20.1	5	20.7
		25	25	20.0	20.0	20.1	5	20.7	20.0	20.0	20.1	5	20.7
		50	0	20.1	20.0	20.0	5	20.7	20.1	20.0	20.0	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133147	133297	133447	MPR	Tune-up Limit	133147	133297	133447	MPR	Tune-up Limit
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5 MHz	QPSK	1	0	25.2	25.0	25.1	0	25.7	25.2	25.0	25.1	0	25.7
		1	12	25.3	25.1	25.2	0	25.7	25.3	25.1	25.2	0	25.7
		1	24	25.2	25.0	25.0	0	25.7	25.2	25.0	25.0	0	25.7
		12	0	24.1	24.0	24.1	1	24.7	24.1	24.0	24.1	1	24.7
		12	7	24.2	24.1	24.2	1	24.7	24.2	24.1	24.2	1	24.7
		12	13	24.2	24.1	24.1	1	24.7	24.2	24.1	24.1	1	24.7
		25	0	24.2	24.1	24.1	1	24.7	24.2	24.1	24.1	1	24.7
	16QAM	1	0	24.3	24.2	24.3	1	24.7	24.3	24.2	24.3	1	24.7
		1	12	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
		1	24	24.3	24.3	24.2	1	24.7	24.3	24.3	24.2	1	24.7
		12	0	23.2	23.1	23.1	2	23.7	23.2	23.1	23.1	2	23.7
		12	7	23.3	23.2	23.1	2	23.7	23.3	23.2	23.1	2	23.7
		12	13	23.3	23.1	23.1	2	23.7	23.3	23.1	23.1	2	23.7
		25	0	23.2	23.1	23.1	2	23.7	23.2	23.1	23.1	2	23.7
	64QAM	1	0	23.3	23.1	23.2	2	23.7	23.3	23.1	23.2	2	23.7
		1	12	23.4	23.2	23.3	2	23.7	23.4	23.2	23.3	2	23.7
		1	24	23.3	23.1	23.1	2	23.7	23.3	23.1	23.1	2	23.7
		12	0	22.1	21.9	22.1	3	22.7	22.1	21.9	22.1	3	22.7
		12	7	22.2	22.0	22.2	3	22.7	22.2	22.0	22.2	3	22.7
		12	13	22.1	21.9	22.1	3	22.7	22.1	21.9	22.1	3	22.7
		25	0	22.1	21.9	22.1	3	22.7	22.1	21.9	22.1	3	22.7
	256QAM	1	0	20.1	20.1	20.3	5	20.7	20.1	20.1	20.3	5	20.7
		1	12	20.2	20.2	20.3	5	20.7	20.2	20.2	20.3	5	20.7
		1	24	20.1	20.1	20.1	5	20.7	20.1	20.1	20.1	5	20.7
		12	0	20.1	20.0	20.1	5	20.7	20.1	20.0	20.1	5	20.7
		12	7	20.1	20.0	20.1	5	20.7	20.1	20.0	20.1	5	20.7
		12	13	20.1	19.9	20.1	5	20.7	20.1	19.9	20.1	5	20.7
		25	0	20.1	19.9	20.1	5	20.7	20.1	19.9	20.1	5	20.7

LTE Band 71 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297 / 680.5 MHz	MPR	Tune-up Limit	133297 / 680.5 MHz	MPR	Tune-up Limit
20 MHz	QPSK	1	0	24.2	0	24.7	24.2	0	24.7
		1	49	24.2	0	24.7	24.2	0	24.7
		1	99	24.1	0	24.7	24.1	0	24.7
		50	0	23.2	1	23.7	23.2	1	23.7
		50	24	23.4	1	23.7	23.4	1	23.7
		50	50	23.3	1	23.7	23.3	1	23.7
		100	0	23.2	1	23.7	23.2	1	23.7
	16QAM	1	0	23.1	1	23.7	23.1	1	23.7
		1	49	23.2	1	23.7	23.2	1	23.7
		1	99	23.1	1	23.7	23.1	1	23.7
		50	0	22.2	2	22.7	22.2	2	22.7
		50	24	22.2	2	22.7	22.2	2	22.7
		50	50	22.1	2	22.7	22.1	2	22.7
		100	0	22.2	2	22.7	22.2	2	22.7
	64QAM	1	0	22.3	2	22.7	22.3	2	22.7
		1	49	22.4	2	22.7	22.4	2	22.7
		1	99	22.3	2	22.7	22.3	2	22.7
		50	0	21.1	3	21.7	21.1	3	21.7
		50	24	21.2	3	21.7	21.2	3	21.7
		50	50	21.1	3	21.7	21.1	3	21.7
		100	0	21.2	3	21.7	21.2	3	21.7
	256QAM	1	0	19.3	5	19.7	19.3	5	19.7
		1	49	19.4	5	19.7	19.4	5	19.7
		1	99	19.3	5	19.7	19.3	5	19.7
		50	0	19.1	5	19.7	19.1	5	19.7
		50	24	19.2	5	19.7	19.2	5	19.7
		50	50	19.1	5	19.7	19.1	5	19.7
		100	0	19.2	5	19.7	19.2	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)			Reduced Average Power (dBm)		
				133297 / 680.5 MHz	MPR	Tune-up Limit	133297 / 680.5 MHz	MPR	Tune-up Limit
15 MHz	QPSK	1	0	24.2	0	24.7	24.2	0	24.7
		1	37	24.2	0	24.7	24.2	0	24.7
		1	74	24.1	0	24.7	24.1	0	24.7
		36	0	23.1	1	23.7	23.1	1	23.7
		36	20	23.2	1	23.7	23.2	1	23.7
		36	39	23.1	1	23.7	23.1	1	23.7
		75	0	23.2	1	23.7	23.2	1	23.7
	16QAM	1	0	23.1	1	23.7	23.1	1	23.7
		1	37	23.2	1	23.7	23.2	1	23.7
		1	74	23.1	1	23.7	23.1	1	23.7
		36	0	22.2	2	22.7	22.2	2	22.7
		36	20	22.2	2	22.7	22.2	2	22.7
		36	39	22.1	2	22.7	22.1	2	22.7
		75	0	22.2	2	22.7	22.2	2	22.7
	64QAM	1	0	22.3	2	22.7	22.3	2	22.7
		1	37	22.3	2	22.7	22.3	2	22.7
		1	74	22.2	2	22.7	22.2	2	22.7
		36	0	21.1	3	21.7	21.1	3	21.7
		36	20	21.2	3	21.7	21.2	3	21.7
		36	39	21.1	3	21.7	21.1	3	21.7
		75	0	21.2	3	21.7	21.2	3	21.7
	256QAM	1	0	19.2	5	19.7	19.2	5	19.7
		1	37	19.3	5	19.7	19.3	5	19.7
		1	74	19.2	5	19.7	19.2	5	19.7
		36	0	19.1	5	19.7	19.1	5	19.7
		36	20	19.2	5	19.7	19.2	5	19.7
		36	39	19.1	5	19.7	19.1	5	19.7
		75	0	19.2	5	19.7	19.2	5	19.7

LTE Band 71 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)			MPR	Tune-up Limit	Reduced Average Power (dBm)			MPR	Tune-up Limit
				133172	133297	133422			133172	133297	133422		
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10 MHz	QPSK	1	0	23.2	24.3	24.3	0	24.7	23.2	24.3	24.3	0	24.7
		1	25	24.4	24.3	24.3	0	24.7	24.4	24.3	24.3	0	24.7
		1	49	24.3	24.2	24.2	0	24.7	24.3	24.2	24.2	0	24.7
		25	0	23.3	23.2	23.3	1	23.7	23.3	23.2	23.3	1	23.7
		25	12	23.4	23.3	23.3	1	23.7	23.4	23.3	23.3	1	23.7
		25	25	23.4	23.3	23.3	1	23.7	23.4	23.3	23.3	1	23.7
		50	0	23.4	23.3	23.2	1	23.7	23.4	23.3	23.2	1	23.7
	16QAM	1	0	23.3	23.3	23.2	1	23.7	23.3	23.3	23.2	1	23.7
		1	25	23.2	23.2	23.2	1	23.7	23.2	23.2	23.2	1	23.7
		1	49	23.2	23.3	23.1	1	23.7	23.2	23.3	23.1	1	23.7
		25	0	22.4	22.3	22.3	2	22.7	22.4	22.3	22.3	2	22.7
		25	12	22.5	22.4	22.3	2	22.7	22.5	22.4	22.3	2	22.7
		25	25	22.4	22.3	22.3	2	22.7	22.4	22.3	22.3	2	22.7
		50	0	22.4	22.3	22.2	2	22.7	22.4	22.3	22.2	2	22.7
	64QAM	1	0	22.3	22.3	22.2	2	22.7	22.3	22.3	22.2	2	22.7
		1	25	22.3	22.3	22.2	2	22.7	22.3	22.3	22.2	2	22.7
		1	49	22.2	22.2	22.1	2	22.7	22.2	22.2	22.1	2	22.7
		25	0	21.4	21.3	21.3	3	21.7	21.4	21.3	21.3	3	21.7
		25	12	21.4	21.4	21.3	3	21.7	21.4	21.4	21.3	3	21.7
		25	25	21.4	21.3	21.3	3	21.7	21.4	21.3	21.3	3	21.7
		50	0	21.4	21.3	21.3	3	21.7	21.4	21.3	21.3	3	21.7
	256QAM	1	0	19.5	19.4	19.4	5	19.7	19.5	19.4	19.4	5	19.7
		1	25	19.4	19.2	19.1	5	19.7	19.4	19.2	19.1	5	19.7
		1	49	19.4	19.3	19.3	5	19.7	19.4	19.3	19.3	5	19.7
		25	0	19.4	19.3	19.3	5	19.7	19.4	19.3	19.3	5	19.7
		25	12	19.4	19.4	19.3	5	19.7	19.4	19.4	19.3	5	19.7
		25	25	19.4	19.3	19.3	5	19.7	19.4	19.3	19.3	5	19.7
		50	0	19.4	19.3	19.2	5	19.7	19.4	19.3	19.2	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)			MPR	Tune-up Limit	Reduced Average Power (dBm)			MPR	Tune-up Limit
				133147	133297	133447			133147	133297	133447		
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5 MHz	QPSK	1	0	24.3	24.3	24.2	0	24.7	24.3	24.3	24.2	0	24.7
		1	12	24.5	24.4	24.3	0	24.7	24.5	24.4	24.3	0	24.7
		1	24	24.3	24.2	24.1	0	24.7	24.3	24.2	24.1	0	24.7
		12	0	23.3	23.2	23.2	1	23.7	23.3	23.2	23.2	1	23.7
		12	7	23.4	23.3	23.2	1	23.7	23.4	23.3	23.2	1	23.7
		12	13	23.4	23.3	23.2	1	23.7	23.4	23.3	23.2	1	23.7
		25	0	23.4	23.1	23.2	1	23.7	23.4	23.1	23.2	1	23.7
	16QAM	1	0	23.3	23.0	23.2	1	23.7	23.3	23.0	23.2	1	23.7
		1	12	23.4	23.3	23.3	1	23.7	23.4	23.3	23.3	1	23.7
		1	24	23.3	23.0	23.1	1	23.7	23.3	23.0	23.1	1	23.7
		12	0	22.4	22.2	22.4	2	22.7	22.4	22.2	22.4	2	22.7
		12	7	22.4	22.3	22.4	2	22.7	22.4	22.3	22.4	2	22.7
		12	13	22.4	22.3	22.3	2	22.7	22.4	22.3	22.3	2	22.7
		25	0	22.4	22.1	22.2	2	22.7	22.4	22.1	22.2	2	22.7
	64QAM	1	0	22.3	22.4	22.4	2	22.7	22.3	22.4	22.4	2	22.7
		1	12	22.4	22.5	22.3	2	22.7	22.4	22.5	22.3	2	22.7
		1	24	22.3	22.3	22.3	2	22.7	22.3	22.3	22.3	2	22.7
		12	0	21.2	21.2	21.3	3	21.7	21.2	21.2	21.3	3	21.7
		12	7	21.3	21.3	21.3	3	21.7	21.3	21.3	21.3	3	21.7
		12	13	21.5	21.2	21.2	3	21.7	21.5	21.2	21.2	3	21.7
		25	0	21.4	21.2	21.2	3	21.7	21.4	21.2	21.2	3	21.7
	256QAM	1	0	19.3	19.3	19.4	5	19.7	19.3	19.3	19.4	5	19.7
		1	12	19.4	19.3	19.4	5	19.7	19.4	19.3	19.4	5	19.7
		1	24	19.5	19.3	19.3	5	19.7	19.5	19.3	19.3	5	19.7
		12	0	19.4	19.2	19.3	5	19.7	19.4	19.2	19.3	5	19.7
		12	7	19.5	19.3	19.3	5	19.7	19.5	19.3	19.3	5	19.7
		12	13	19.4	19.2	19.2	5	19.7	19.4	19.2	19.2	5	19.7
		25	0	19.4	19.2	19.3	5	19.7	19.4	19.2	19.3	5	19.7

9.4. LTE Up-Link Carrier Aggregation

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification.

For inter-band carrier aggregation with uplink assigned to one E-UTRA band (Table 5.6A-1), the requirements in subclause 6.2.3 apply.

For inter-band carrier aggregation with one component carrier per operating band and the uplink active in two E-UTRA bands, the requirements in subclause 6.2.3 apply for each uplink component carrier.

For intra-band contiguous carrier aggregation the allowed Maximum Power Reduction (MPR) for the maximum output power applicable to the DUT in table below. In case the modulation format is different on different component carriers then the MPR is determined by the rules applied to higher order of those modulations.

Modulation	CA bandwidth Class B and C / Smallest Component Carrier Transmission Bandwidth Configuration				MPR (dB)
	25 RB	50 RB	75 RB	100 RB	
QPSK	> 8 and ≤ 25	> 12 and ≤ 50	> 16 and ≤ 75	> 18 and ≤ 100	≤ 1
QPSK	> 25	> 50	> 75	> 100	≤ 2
16 QAM	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 8 and ≤ 25	> 12 and ≤ 50	> 16 and ≤ 75	> 18 and ≤ 100	≤ 2
16 QAM	> 25	> 50	> 75	> 100	≤ 3
64 QAM	≤ 8 and allocation wholly contained within a single CC	≤ 12 and allocation wholly contained within a single CC	≤ 16 and allocation wholly contained within a single CC	≤ 18 and allocation wholly contained within a single CC	≤ 2
64 QAM	> 8 or allocation extends across two CC's	> 12 or allocation extends across two CC's	> 16 or allocation extends across two CC's	> 18 or allocation extends across two CC's	≤ 3
256 QAM	≥ 1				≤ 5

For PUCCH and SRS transmissions, the allowed MPR is according to that specified for PUSCH WPDK modulation for the corresponding transmission bandwidth.

For intra-band contiguous carrier aggregation bandwidth class C with non-contiguous resource allocation, the allowed Maximum Power Reduction (MPR) for the maximum output power in Table 6.2.2A-1 is specified as follows

$$MPR = CEIL \{\min(M_A, M_{IM5}), 0.5\}$$

Where M_A is defined as follows

$$M_A = \begin{cases} 8.2 & ;0 \le A < 0.025 \\ 9.2 - 40A & ;0.025 \le A < 0.05 \\ 8 - 16A & ;0.05 \le A < 0.25 \\ 4.83 - 3.33A & ;0.25 \le A \le 0.4 \end{cases}$$

$3.83 – 0.83A$;$0.4 \le A \le 1$

and M_{IM5} is defined as follows

$M_{IM5} =$ 4.5 ; $\Delta_{IM5} < 1.5 * BW_{Channel\_CA}$

6.0 ; $1.5 * BW_{Channel\_CA} \le \Delta_{IM5} < BW_{Channel\_CA}/2 + \Delta f_{ooB}$

M_A ; $\Delta_{IM5} \ge BW_{Channel\_CA}/2 + \Delta f_{ooB}$

Where

$A = N_{RB\_alloc} / N_{RB\_agg}$

$\Delta_{IM5} = \max(\left| F_{C\_agg} – (3*F_{agg\_alloc\_low} – 2*F_{agg\_alloc\_high}) \right|, \left| F_{C\_agg} – (3*F_{agg\_alloc\_high} – 2*F_{agg\_alloc\_low}) \right|)$

CEIL{M_A, 0.5} means rounding upwards to closest 0.5dB, i.e. MPR ∈ [3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5]

For intra-band carrier aggregation, the MPR is evaluated per slot and given by the maximum value taken over the transmission(s) on all component carriers within the slot; the maximum MPR over the two slots is then applied for the entire subframe.

For intra-band non-contiguous carrier aggregation with one uplink carrier on the PCC, the requirements in the subclause 6.2.3 apply. For intra-band non-contiguous aggregation with two uplink carriers the MPR is defined for those E-UTRA bands where maximum possible $W_{GAP} \le 42.2$ MHz as follows

MPR = CEIL{M_A, 0.5}

Where M_N is defined as follows

$M_N =$ $-0.125N + 18.25$; $2 \le N \le 50$

$-0.0333 N + 13.67$; $50 < N \le 200$

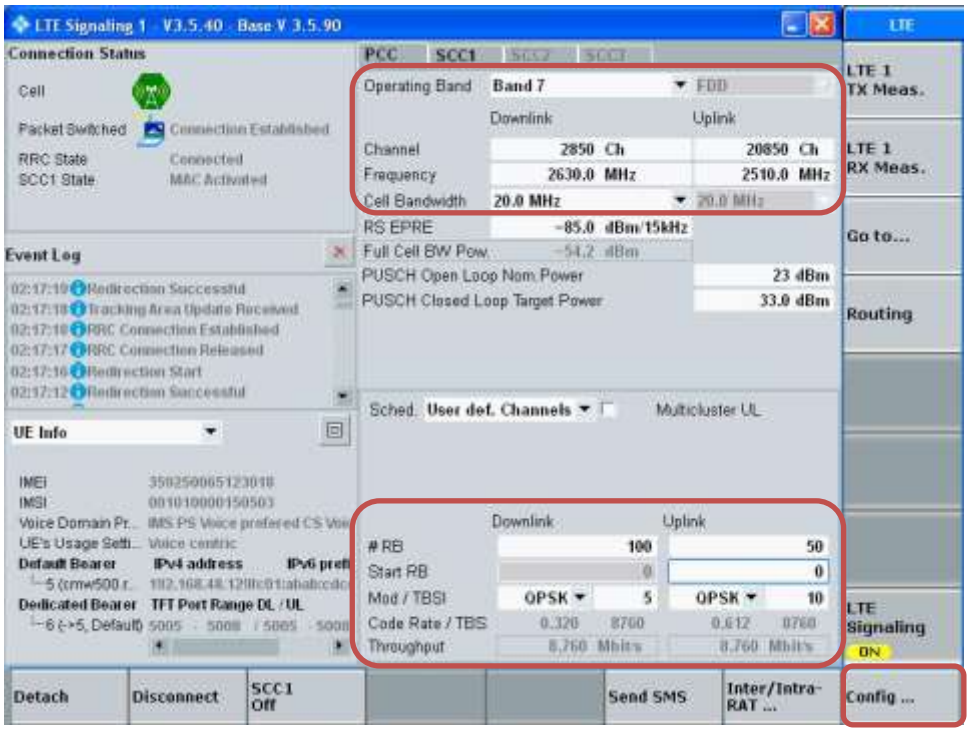
Where $N = N_{RB\_alloc}$ is the number of allocated resource blocks.

For the UE maximum output power modified by MPR, the power limits specified in subclause 6.2.5A apply.

LTE Carrier Aggregation Test Signal Set-up Procedure

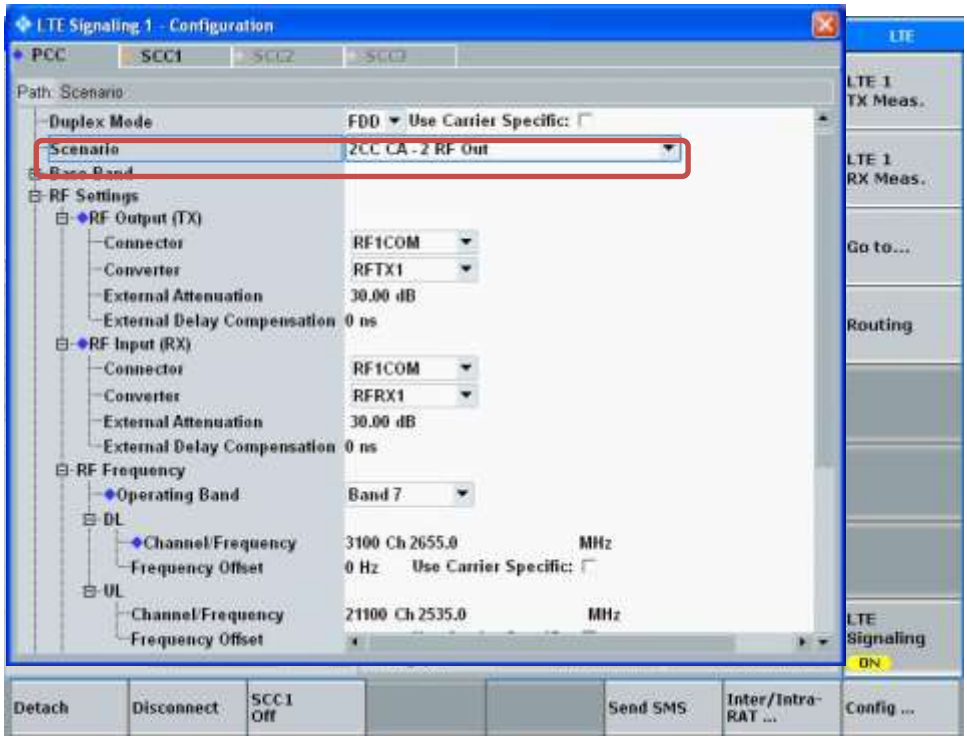
(Use normal LTE set-up procedure in addition with the following steps)

Set to CMW-500 with following parameters:

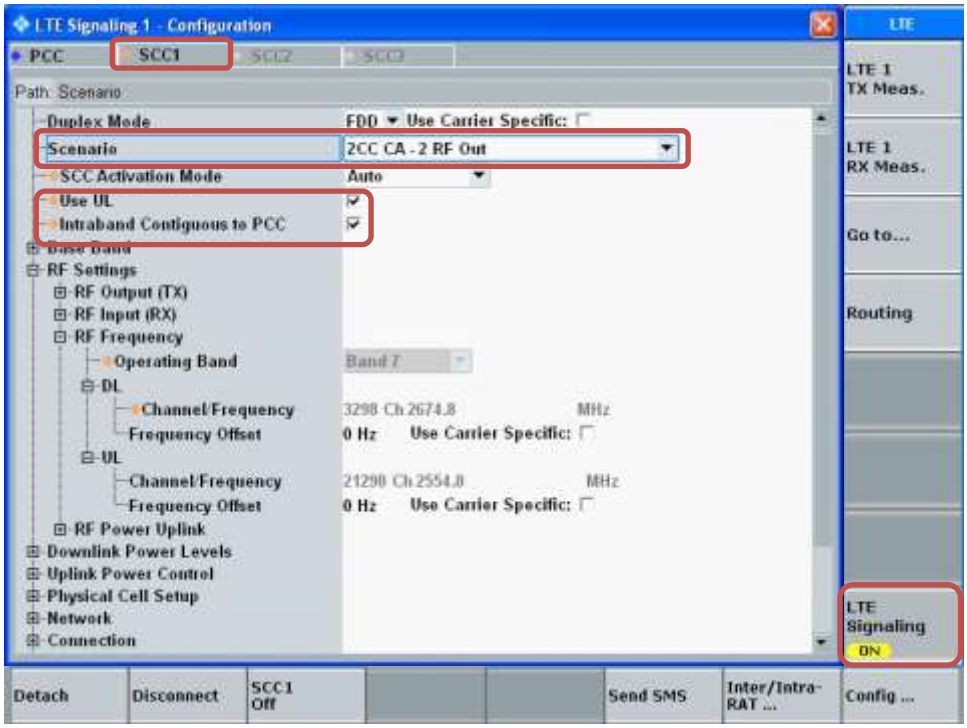
- PCC tab:
  - Select the testing Operating Band, Channel, Frequency, Cell Bandwidth, Uplink RBs
  - 

- Go to “Config….”

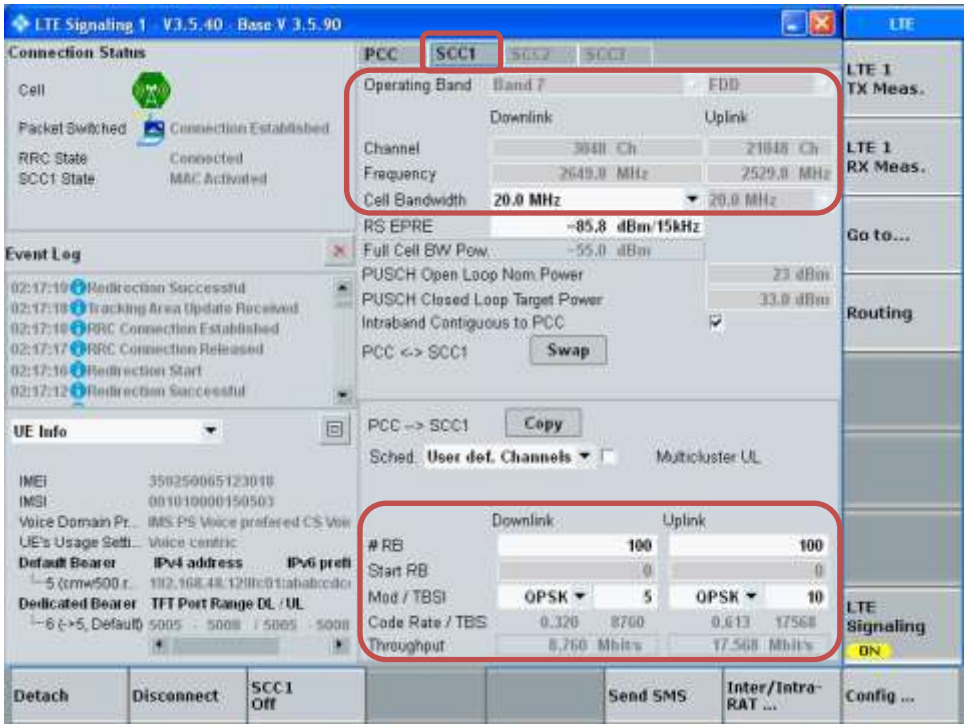
- Go to “Scenario”
- Set to “2CC CA – 2 RF Out”



- Select “SCC1” tab
- Go to “Scenario”
- Set to “2CC CA – 2 RF Out”
- Enable “Use UL”
- Enable “Intraband Contiguous to PCC”
- Select “LTE Signaling” button

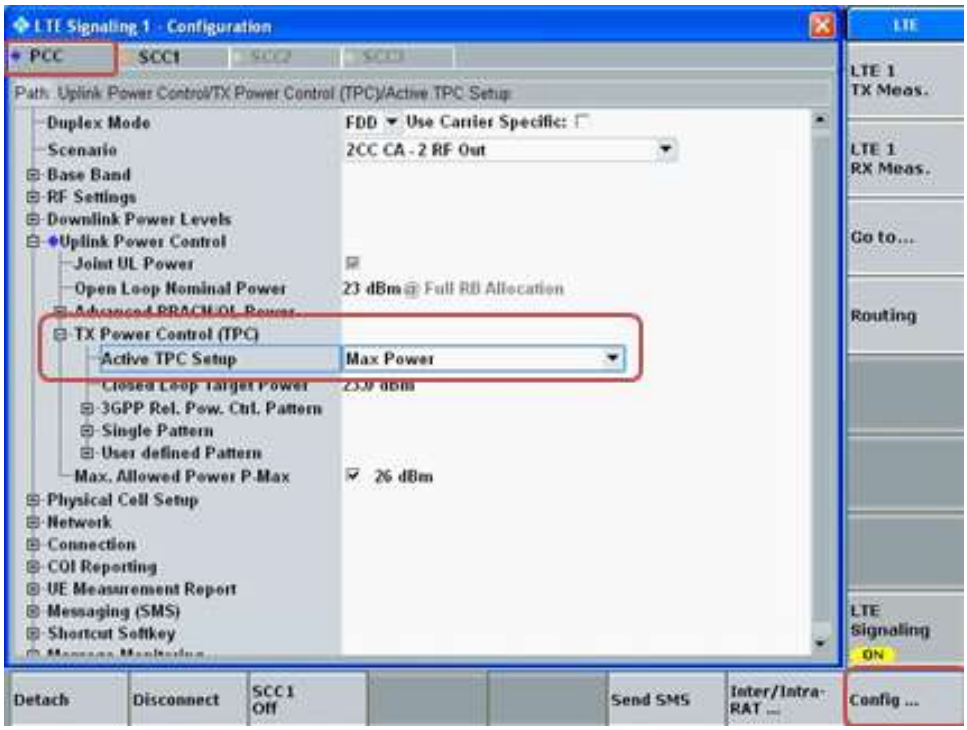


- Select “SCC1” tab
  - Select the testing Cell Bandwidth, Uplink RBs

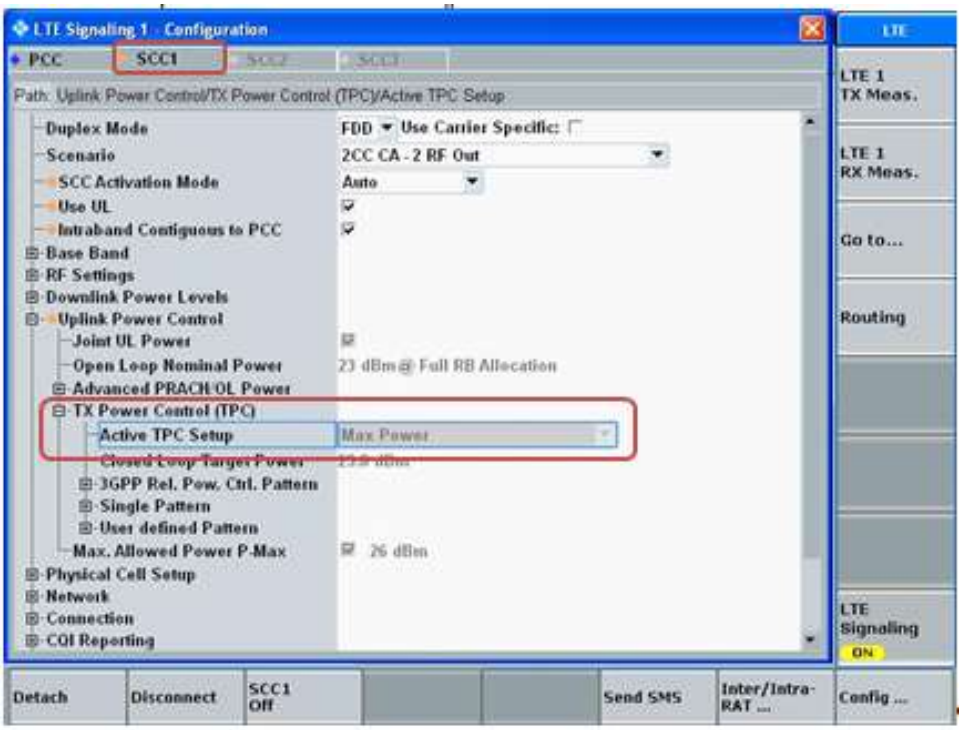


Max Power Setting

- Select “Config …” button
- Select PCC tab
- Set “Active TPC Setup” to “Max Power”

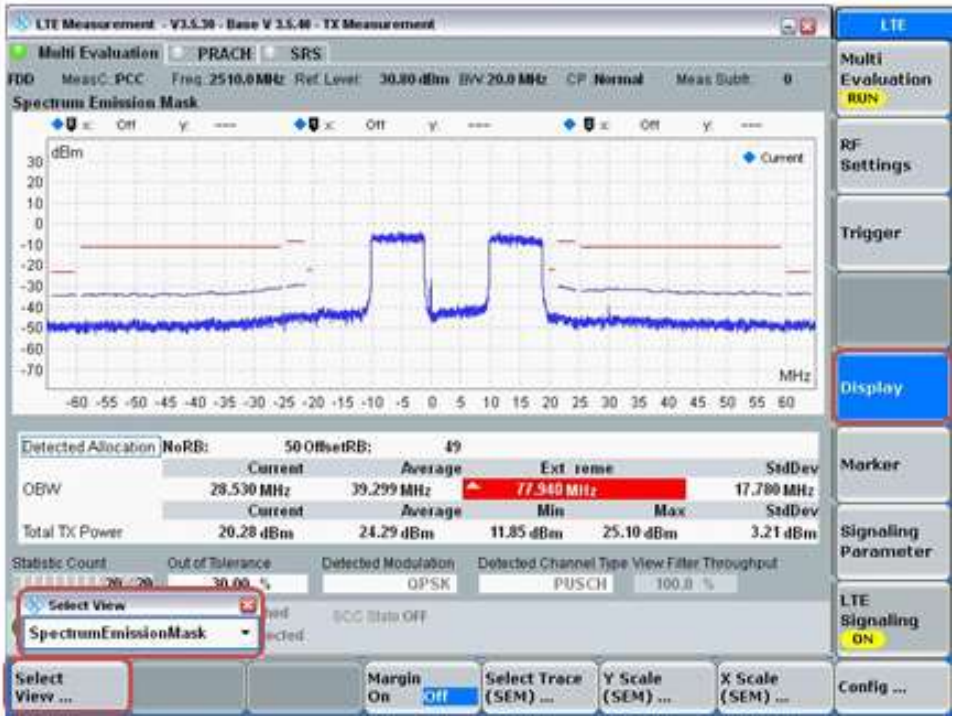


- Select SCC1 tab
- Verify that “Active TPC Setup” is set to “Max Power”



View TX Power

- Go to “Display”
- Select “Select View…”
- Select “Spectrum Emission Mask”



LTE Intra-Band Contiguous Carrier Aggregation

UL CA shall be tested based on the worst-case SAR configuration determined from non-CA SAR testing result. The channel BW, channel number, RB allocation, etc. would be selected to allow contiguous CA of PCC and SCC. Uplink output power for UL CA is the total power measured across the PCC and SCC.

UL CA power measurements were performed for each antennas at with QPSK modulation based on the worst-case standalone SAR.

The UL CA mode power measurements represent the total power across both carriers. Measurements were made for all supported PCC bandwidths using the channel/RB combination resulting in the highest standalone output power at the least MPR (0 dB). SCCs were set to use configurations similar to the PCC to establish conservative or worst case equivalent SAR test conditions (highest maximum power with MPR of 0 dB).

The standalone power measurement is the power for the PCC in the non-CA mode (i.e. single carrier power). In all cases the UL CA power is less than or equal to the standalone power, which is in accordance with the tune-up limits in table below.

According to November 2017 TCB workshop, Uplink CA SAR Test Guidance as follows:

a) When the maximum output for UL CA is ≤ standalone LTE mode (without CA)
   - PCC is configured according to the highest standalone SAR configuration tested
   - SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC

b) When the Reported SAR for UL CA configuration, described above, is > 1.2 W/kg, UL CA SAR is also required for all required test channels(PCC based)

c) UL CA SAR is also required for standalone SAR configurations > 1.2 W/kg when they are scaled to the UL CA power level

Output Power for LTE UL Carrier Aggregation

Intra-Band Contiguous	Mode	Target Output Power (dBm)								Tolerance	Maximum Output Power (Tune-up Limit) (dBm)							
		ANT1		ANT2		ANT3		ANT4			ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
CA_5B	QPSK	25.0	25.0	22.4	24.0					0.7 / -1.0	25.7	25.7	23.1	24.7				
CA_7C	QPSK	25.0	19.6	16.2	17.6	22.9	18.7	16.7	18.8	0.7 / -1.0	25.7	20.3	16.9	18.3	23.6	19.4	17.4	19.5
CA_41C (PC3)	QPSK	25.0	21.6	18.0	19.1	24.7	20.1	19.0	20.3	0.7 / -1.0	25.7	22.3	18.7	19.8	25.4	20.8	19.7	21.0
CA_41C (PC2)	QPSK	28.0	23.2	19.6	20.7	26.3	21.7	20.6	21.9	0.7 / -1.0	28.7	23.9	20.3	21.4	27.0	22.4	21.3	22.6
Intra-Band Contiguous	Mode	Target Output Power (dBm)								Tolerance	Maximum Output Power (Tune-up Limit) (dBm)							
		ANT7		ANT8		ANT9		ANT4			ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
CA_48C	QPSK	24.0	21.5	24.0	18.3	20.7	18.7	19.5	21.0	1.0 / -1.0	25.0	22.5	25.0	19.3	21.7	19.7	20.5	22.0

LTE CA 5B Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Freq	RB	Offset	BW (MHz)	Freq	RB	Offset	Tune-Up Limit (dBm)	UL CA Inactive (dBm)	Tune-Up Limit (dBm)	UL CA active (dBm)	Delta
CA_5B	ANT 1	Mode A	QPSK	10	831.6	1	49	5	841.5	1	0	25.7	24.7	25.7	24.7	0.0
CA_5B	ANT 1	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	25.7	24.7	25.7	24.7	0.0
CA_5B	ANT 2	Mode A	QPSK	10	831.6	1	49	5	841.5	1	0	23.1	22.3	23.1	22.1	-0.2
CA_5B	ANT 2	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	24.7	23.6	24.7	23.4	-0.2

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

LTE CA_7C Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Freq	RB	Offset	BW (MHz)	Freq	RB	Offset	Tune-Up Limit (dBm)	UL CA Inactive (dBm)	Tune-Up Limit (dBm)	UL CA active (dBm)	Delta
CA_7C	ANT 1	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	25.7	24.3	25.7	24.1	-0.2
CA_7C	ANT 1	Mode B	QPSK	20	2510.0	1	99	20	2529.8	1	0	20.3	19.1	20.3	18.9	-0.2
CA_7C	ANT 1	Mode B	QPSK	20	2540.2	1	99	20	2560.0	1	0	20.3	19.0	20.3	18.9	-0.1
CA_7C	ANT 2	Mode A	QPSK	20	2510.0	1	99	20	2529.8	1	0	16.9	16.2	16.9	16.1	-0.1
CA_7C	ANT 2	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	18.3	17.2	18.3	16.9	-0.3
CA_7C	ANT 3	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	23.6	22.1	23.6	21.9	-0.2
CA_7C	ANT 3	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	19.4	18.8	19.4	18.7	-0.1
CA_7C	ANT 3	Mode B	QPSK	20	2510.0	1	99	20	2529.8	1	0	19.4	18.8	19.4	18.6	-0.2
CA_7C	ANT 4	Mode A	QPSK	20	2510.0	1	99	20	2529.8	1	0	17.4	16.7	17.4	16.4	-0.3
CA_7C	ANT 4	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	19.5	18.4	19.5	18.2	-0.2

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

LTE CA_41C (PC3) Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Freq	RB	Offset	BW (MHz)	Freq	RB	Offset	Tune-Up Limit (dBm)	UL CA Inactive (dBm)	Tune-Up Limit (dBm)	UL CA active (dBm)	Delta
CA_41C	ANT 1	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	25.7	24.3	25.7	24.1	-0.2
CA_41C	ANT 1	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	22.3	21.3	22.3	21.2	-0.1
CA_41C	ANT 2	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	18.7	17.6	18.7	17.3	-0.3
CA_41C	ANT 2	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	19.8	18.4	19.8	18.1	-0.3
CA_41C	ANT 3	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	25.4	24.1	25.4	24.0	-0.1
CA_41C	ANT 3	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	20.8	18.6	20.8	18.5	-0.1
CA_41C	ANT 4	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	19.7	18.6	19.7	18.6	0.0
CA_41C	ANT 4	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	21.0	20.1	21.0	20.1	0.0
CA_41C	ANT 4	Mode B	QPSK	20	2506.0	1	99	20	2525.8	1	0	21.0	20.3	21.0	20.2	-0.1

Note(s):

1. PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.
2. Additional SAR for UL CA PC2 is not required. Test reduction has been applied based on standalone SAR.
3. SAR evaluation for PC2 is only required when its Maximum output power (Tune-up Limit) is higher from PC3.

LTE CA_48C Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Freq	RB	Offset	BW (MHz)	Freq	RB	Offset	Tune-Up Limit (dBm)	UL CA Inactive (dBm)	Tune-Up Limit (dBm)	UL CA active (dBm)	Delta
CA_48C	ANT 7	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	25.0	24.8	25.0	24.6	-0.2
CA_48C	ANT 7	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.5	21.2	22.5	21.1	-0.1
CA_48C	ANT 8	Mode A	QPSK	20	3560.0	1	99	20	3579.8	1	0	25.0	23.9	25.0	23.8	-0.1
CA_48C	ANT 8	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	19.3	18.3	19.3	17.9	-0.4
CA_48C	ANT 9	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	21.7	20.7	21.7	20.5	-0.2
CA_48C	ANT 9	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	19.7	19.0	19.7	18.8	-0.2
CA_48C	ANT 9	Mode B	QPSK	20	3670.2	1	99	20	3690.0	1	0	19.7	19.0	19.7	18.9	-0.1
CA_48C	ANT 4	Mode A	QPSK	20	3670.2	1	99	20	3690.0	1	0	20.5	19.6	20.5	19.6	0.0
CA_48C	ANT 4	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.0	21.1	22.0	20.9	-0.2
CA_48C	ANT 4	Mode B	QPSK	20	3560.0	1	99	20	3579.8	1	0	22.0	21.1	22.0	20.9	-0.2

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

LTE Inter-Band Carrier Aggregation

According to October 2018 TCB workshop, Uplink CA SAR Test Guidance as follows:

- Provide the single uplink SAR values you have obtained for the relevant SAR configurations and frequency bands that employ inter-band uplink carrier aggregation.
- If the single uplink 1-g SAR values for each band are both less than 0.8 W/kg and the algebraic summation of the 1-g SAR values are less than 1.45 W/kg no additional measurements need to be performed.
- If one of the single uplink 1-g SAR values is greater than 0.8 W/kg, instead of algebraically summing the 1-g SAR values, sum up the SAR distributions, similar to the enlarged zoom scan (volume scan) procedures found in FCC KDB Publication 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04.
- If the algebraic sum of the 1-g SAR values is > 1.45 W/kg additional measurements may have to be made. Submit a KDB inquiry for additional guidance.

Maximum Output Power (Tune-up Limit) and SAR test exemption for LTE UL Carrier Aggregation

The maximum UL CA transmit power is reduced by 3dB from the standalone values for both carriers therefore SAR will be reduced accordingly.

The reported 1g SAR for any standalone LTE configuration does not exceed 1.2 W/kg. The worst case UL CA SAR per band will therefore be <0.6W/kg. As the SAR for each individual band is <0.6 W/kg and the algebraic summation cannot exceed 1.2 W/kg no further measurements are needed.

The combined SAR contribution cannot exceed the highest standalone SAR:

$(SAR_{LTE1}/2 + SAR_{LTE2}/2 \leq Max\ (SAR_{LTE1}, SAR_{LTE2})$

therefore simultaneous transmission analysis of UL-CA and WLAN/BT transmitters can be done using either of the standalone LTE SAR values alone.

9.5. LTE Down-Link Carrier Aggregation

This device supports LTE downlink carrier aggregation (CA). The tables appendix G is show the supported frequency bands of the device for DL Inter-band and DL Intra-band combinations.

9.6. 5G NR(FR1)

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS 138.521-1 specification.

UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS138.521-1.

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

Modulation	MPR (dB)		
	Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM PI/2 BPSK	≤ 3.5[1]	≤ 1.2[1]	≤ 0.2[1]
	≤ 0.5[2]		0[2]
DFT-s-OFDM QPSK	≤ 1		0
DFT-s-OFDM 16 QAM	≤ 2		≤ 1
DFT-s-OFDM 64 QAM	≤ 2.5		
DFT-s-OFDM 256 QAM	≤ 4.5		
CP-OFDM QPSK	≤ 3		≤ 1.5
CP-OFDM 16 QAM	≤ 3		≤ 2
CP-OFDM 64 QAM	≤ 3.5		
CP-OFDM 256 QAM	≤ 6.5		

NOTE 1: Applicable for UE operating in TDD mode with PI/2 BPSK modulation and UE indicates support for UE capability *powerBoosting-pi2BPSK* and if the IE *powerBoostPi2BPSK* is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0dB MPR is 26dBm.

NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 and if the IE *powerBoostPi2BPSK* is set to 0 and if more than 40% of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.

The allowed A-MPR values specified below in Table 6.2.3.3.1-1 of 3GPP TS138.521-1 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of “NS_01”

Table 6.2.3.3.1-1: Additional maximum power reduction (A-MPR)

Network Signalling label	Requirements (subclause)	NR Band	Channel bandwidth (MHz)	Resources Blocks (N_{RB})	A-MPR (dB)
NS_01		Table 5.2-1	5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100	Table 5.3.2-1	N/A

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

Channel Bandwidth	SCS(kHz)	OFDM	RB allocation							
			Edge_Full_Left	Edge_Full_Right	Edge_1RB_Left	Edge_1RB_Right	Outer_Full	Inner_Full	Inner_1RB_Left	Inner_1RB_Right
5MHz	15	DFT-s	2@0	2@23	1@0	1@24	25@0	12@6	1@1	1@23
		CP	2@0	2@23	1@0	1@24	25@0	13@6	1@1	1@23
	30	DFT-s	2@0	2@9	1@0	1@10	10@0	5@2[1]	1@1	1@9
		CP	2@0	2@9	1@0	1@10	11@0	5@2[1]	1@1	1@9
	60	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10MHz	15	DFT-s	2@0	2@50	1@0	1@51	50@0	25@12	1@1	1@50
		CP	2@0	2@50	1@0	1@51	52@0	26@13	1@1	1@50
	30	DFT-s	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
		CP	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
	60	DFT-s	2@0	2@9	1@0	1@10	10@0	5@2[1]	1@1	1@9
		CP	2@0	2@9	1@0	1@10	11@0	5@2[1]	1@1	1@9
15MHz	15	DFT-s	2@0	2@77	1@0	1@78	75@0	36@18	1@1	1@77
		CP	2@0	2@77	1@0	1@78	79@0	39@19[1]	1@1	1@77
	30	DFT-s	2@0	2@36	1@0	1@37	36@0	18@9	1@1	1@36
		CP	2@0	2@36	1@0	1@37	38@0	19@9	1@1	1@36
	60	DFT-s	2@0	2@16	1@0	1@17	18@0	9@4	1@1	1@16
		CP	2@0	2@16	1@0	1@17	18@0	9@4	1@1	1@16
20MHz	15	DFT-s	2@0	2@104	1@0	1@105	100@0	50@25	1@1	1@104
		CP	2@0	2@104	1@0	1@105	106@0	53@26	1@1	1@104
	30	DFT-s	2@0	2@49	1@0	1@50	50@0	25@12	1@1	1@49
		CP	2@0	2@49	1@0	1@50	51@0	25@12[1]	1@1	1@49
	60	DFT-s	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
		CP	2@0	2@22	1@0	1@23	24@0	12@6	1@1	1@22
25MHz	15	DFT-s	2@0	2@131	1@0	1@132	128@0	64@32	1@1	1@131
		CP	2@0	2@131	1@0	1@132	133@0	67@33	1@1	1@131
	30	DFT-s	2@0	2@63	1@0	1@64	64@0	32@16	1@1	1@63
		CP	2@0	2@63	1@0	1@64	65@0	33@16	1@1	1@63
	60	DFT-s	2@0	2@29	1@0	1@30	30@0	15@7[1]	1@1	1@29
		CP	2@0	2@29	1@0	1@30	31@0	15@7[1]	1@1	1@29
30MHz	15	DFT-s	2@0	2@158	1@0	1@159	160@0	80@40	1@1	1@158
		CP	2@0	2@158	1@0	1@159	160@0	80@40	1@1	1@158
	30	DFT-s	2@0	2@76	1@0	1@77	75@0	36@18	1@1	1@76
		CP	2@0	2@76	1@0	1@77	78@0	39@19	1@1	1@76
	60	DFT-s	2@0	2@36	1@0	1@37	36@0	18@9	1@1	1@36
		CP	2@0	2@36	1@0	1@37	38@0	19@9	1@1	1@36
40MHz	15	DFT-s	2@0	2@214	1@0	1@215	216@0	108@54	1@1	1@214
		CP	2@0	2@214	1@0	1@215	216@0	108@54	1@1	1@214
	30	DFT-s	2@0	2@104	1@0	1@105	100@0	50@25	1@1	1@104
		CP	2@0	2@104	1@0	1@105	106@0	53@26	1@1	1@104
	60	DFT-s	2@0	2@49	1@0	1@50	50@0	25@12	1@1	1@49
		CP	2@0	2@49	1@0	1@50	51@0	25@12[1]	1@1	1@49
50MHz	15	DFT-s	2@0	2@268	1@0	1@269	270@0	135@67	1@1	1@268
		CP	2@0	2@268	1@0	1@269	270@0	135@67	1@1	1@268
	30	DFT-s	2@0	2@131	1@0	1@132	128@0	64@32	1@1	1@131
		CP	2@0	2@131	1@0	1@132	133@0	67@33	1@1	1@131
	60	DFT-s	2@0	2@63	1@0	1@64	64@0	32@16	1@1	1@63
		CP	2@0	2@63	1@0	1@64	65@0	33@16	1@1	1@63
60MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30	DFT-s	2@0	2@160	1@0	1@161	162@0	81@40	1@1	1@160
		CP	2@0	2@160	1@0	1@161	162@0	81@40	1@1	1@160
	60	DFT-s	2@0	2@77	1@0	1@78	75@0	36@18	1@1	1@77
		CP	2@0	2@77	1@0	1@78	79@0	39@19[1]	1@1	1@77
80MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30	DFT-s	2@0	2@215	1@0	1@216	216@0	108@54	1@1	1@215
		CP	2@0	2@215	1@0	1@216	217@0	109@54	1@1	1@215
	60	DFT-s	2@0	2@105	1@0	1@106	100@0	50@25	1@1	1@105
		CP	2@0	2@105	1@0	1@106	107@0	53@26[1]	1@1	1@105
90MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30	DFT-s	2@0	2@243	1@0	1@244	240@0	120@60	1@1	1@243
		CP	2@0	2@243	1@0	1@244	245@0	123@61	1@1	1@243
	60	DFT-s	2@0	2@119	1@0	1@120	120@0	60@30	1@1	1@119
		CP	2@0	2@119	1@0	1@120	121@0	61@30	1@1	1@119
100MHz	15	DFT-s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		CP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	30	DFT-s	2@0	2@271	1@0	1@272	270@0	135@67	1@1	1@271
		CP	2@0	2@271	1@0	1@272	273@0	137@68	1@1	1@271
	60	DFT-s	2@0	2@133	1@0	1@134	135@0	64@32	1@1	1@133
		CP	2@0	2@133	1@0	1@134	135@0	67@33[1]	1@1	1@133

Note 1: The allocated RB number L_{CRB} is ceil(N_{RB}/2) -1 in order to meet Inner RB allocation definition ($RB_{Start,Low} \leq RB_{Start} \leq RB_{Start,High}$) described in subclause 6.2.2 of TS 38.101-1 [2].

Output Power for 5G NR (FR1)

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

c) The maximum output power, including tolerance, for the smaller band must be ≤ the larger band to qualify for the SAR test exclusion.
d) The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band.

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

Maximum bandwidth does not support at least three non-overlapping channels in certain channel bandwidths. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing per KDB 941225 D05 SAR for LTE Devices.

SAR measurement is not required for the Pi/2 BPSK, 16QAM, 64QAM and 256QAM. When the highest maximum output power for Pi/2 BPSK, 16QAM, 64QAM and 256QAM is ≤ ½ dB higher than the QPSK or when the reported SAR for the QPSK configuration is ≤ 1.45 W/kg.

Please refer to section 6.5. for 5G NR(FR1) detail test channels.

RF Air interface	Mode	Maximum Output Power (Tune-up Limit) (dBm)								Tolerance	Target Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4			ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
NR n2	QPSK	24.6	17.0	20.0	21.5	24.3	19.5	17.5	19.0	0.7 / -1.0	25.3	17.7	20.7	22.2	25.0	20.2	18.2	19.7
NR n5	QPSK	25.0	25.0	22.4	24.0					0.7 / -1.0	25.7	25.7	23.1	24.7				
NR n7	QPSK	25.0	19.6	16.2	17.6	22.9	18.7	16.7	18.8	0.7 / -1.0	25.7	20.3	16.9	18.3	23.6	19.4	17.4	19.5
NR n12	QPSK	25.0	25.0	22.7	24.0					0.7 / -1.0	25.7	25.7	23.4	24.7				
NR n14	QPSK	25.0	25.0	23.1	24.0					0.7 / -1.0	25.7	25.7	23.8	24.7				
NR n25	QPSK	24.6	17.0	20.0	21.5	24.3	19.5	17.5	19.0	0.7 / -1.0	25.3	17.7	20.7	22.2	25.0	20.2	18.2	19.7
NR n26	QPSK	25.0	25.0	22.4	24.0					0.7 / -1.0	25.7	25.7	23.1	24.7				
NR n30	QPSK	25.0	21.1	18.3	19.8	22.4	19.8	17.3	17.4	0.7 / -1.0	25.7	21.8	19.0	20.5	23.1	20.5	18.0	18.1
NR n41 (PC3)	QPSK	25.0	19.6	16.0	17.1	22.7	18.1	17.0	18.3	0.7 / -1.0	25.7	20.3	16.7	17.8	23.4	18.8	17.7	19.0
NR n41 (PC2)	QPSK	27.1	19.6	16.0	17.1	22.7	18.1	17.0	18.3	0.7 / -1.0	27.8	20.3	16.7	17.8	23.4	18.8	17.7	19.0
NR n53	QPSK	20.0	18.2	14.9	16.8					0.7 / -1.0	20.7	18.9	15.6	17.5				
NR n66	QPSK	23.0	16.7	19.8	20.0	24.1	20.3	19.3	20.4	0.7 / -1.0	23.7	17.4	20.5	20.7	24.8	21.0	20.0	21.1
NR n70	QPSK	23.0	16.7	19.8	20.0	24.1	20.3	19.3	20.4	0.7 / -1.0	23.7	17.4	20.5	20.7	24.8	21.0	20.0	21.1
NR n71	QPSK	25.0	25.0	24.0	24.0					0.7 / -1.0	25.7	25.7	24.7	24.7				
RF Air interface	Mode	Maximum Output Power (Tune-up Limit) (dBm)								Tolerance	Target Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4			ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
NR n77 (PC3)	QPSK	23.0	18.6	20.6	16.1	20.9	14.8	18.7	17.5	1.0 / -1.0	24.0	19.6	21.6	17.1	21.9	15.8	19.7	18.5
NR n77 (PC2)	QPSK	23.0	18.6	20.6	16.1	20.9	14.8	18.7	17.5	1.0 / -1.0	24.0	19.6	21.6	17.1	21.9	15.8	19.7	18.5

NR Band 5 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						167300	MPR	Tune-up Limit		167300	MPR	Tune-up Limit	
						836.5 MHz				836.5 MHz			
20	DFT-s	15	π/2 BPSK	1	1	25.4	0	25.7		25.4	0	25.7	
				1	52	25.4	0	25.7		25.4	0	25.7	
				1	104	25.4	0	25.7		25.4	0	25.7	
				50	25	25.4	0	25.7		25.4	0	25.7	
			QPSK	1	1	25.4	0	25.7		25.4	0	25.7	
				1	52	25.3	0	25.7		25.3	0	25.7	
				1	104	25.4	0	25.7		25.4	0	25.7	
				50	25	25.2	0	25.7		25.2	0	25.7	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						167300	MPR	Tune-up Limit		167300	MPR	Tune-up Limit	
						836.5 MHz				836.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1	25.0	0	25.7		25.0	0	25.7	
				1	39	24.9	0	25.7		24.9	0	25.7	
				1	77	24.8	0	25.7		24.8	0	25.7	
				36	18	24.8	0	25.7		24.8	0	25.7	
			QPSK	1	1	25.0	0	25.7		25.0	0	25.7	
				1	39	24.9	0	25.7		24.9	0	25.7	
				1	77	24.8	0	25.7		24.8	0	25.7	
				36	18	24.8	0	25.7		24.8	0	25.7	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						167300	MPR	Tune-up Limit		167300	MPR	Tune-up Limit	
						836.5 MHz				836.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1	24.9	0	25.7		24.9	0	25.7	
				1	25	24.9	0	25.7		24.9	0	25.7	
				1	50	24.9	0	25.7		24.9	0	25.7	
				25	12	24.9	0	25.7		24.9	0	25.7	
			QPSK	1	1	25.0	0	25.7		25.0	0	25.7	
				1	25	25.2	0	25.7		25.2	0	25.7	
				1	50	24.9	0	25.7		24.9	0	25.7	
				25	12	25.0	0	25.7		25.0	0	25.7	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						165300	167300	169300	MPR	Tune-up Limit	165300	167300	169300	MPR	Tune-up Limit
						826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	25.1	25.0	24.8	0	25.7	25.1	25.0	24.8	0	25.7
				1	12	25.0	24.8	24.8	0	25.7	25.0	24.8	24.8	0	25.7
				1	23	25.0	25.0	24.8	0	25.7	25.0	25.0	24.8	0	25.7
				12	6	25.0	24.9	24.8	0	25.7	25.0	24.9	24.8	0	25.7
			QPSK	1	1	25.1	25.0	24.9	0	25.7	25.1	25.0	24.9	0	25.7
				1	12	25.0	24.8	24.8	0	25.7	25.0	24.8	24.8	0	25.7
				1	23	25.1	25.0	24.8	0	25.7	25.1	25.0	24.8	0	25.7
				12	6	25.0	24.8	24.8	0	25.7	25.0	24.8	24.8	0	25.7

NR Band 5 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	167300	[redacted]			[redacted]	167300	[redacted]		
							836.5 MHz					836.5 MHz			
20	DFT-s	15	π/2 BPSK	1	1		22.6		0	23.1		24.3		0	24.7
				1	52		22.7		0	23.1		24.3		0	24.7
				1	104		22.5		0	23.1		24.2		0	24.7
				50	25		22.7		0	23.1		24.3		0	24.7
			QPSK	1	1		22.3		0	23.1		24.3		0	24.7
				1	52		22.3		0	23.1		24.2		0	24.7
				1	104		22.2		0	23.1		24.2		0	24.7
				50	25		22.6		0	23.1		24.2		0	24.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	167300	[redacted]			[redacted]	167300	[redacted]		
							836.5 MHz					836.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		22.5		0	23.1		24.2		0	24.7
				1	39		22.5		0	23.1		24.3		0	24.7
				1	77		22.5		0	23.1		24.2		0	24.7
				36	18		22.7		0	23.1		24.0		0	24.7
			QPSK	1	1		22.3		0	23.1		24.2		0	24.7
				1	39		22.3		0	23.1		24.2		0	24.7
				1	77		22.2		0	23.1		24.1		0	24.7
				36	18		22.6		0	23.1		24.3		0	24.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	167300	[redacted]			[redacted]	167300	[redacted]		
							836.5 MHz					836.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1		22.4		0	23.1		24.1		0	24.7
				1	25		22.4		0	23.1		24.1		0	24.7
				1	50		22.4		0	23.1		24.1		0	24.7
				25	12		22.5		0	23.1		24.2		0	24.7
			QPSK	1	1		22.0		0	23.1		24.1		0	24.7
				1	25		22.1		0	23.1		24.1		0	24.7
				1	50		22.1		0	23.1		24.0		0	24.7
				25	12		22.4		0	23.1		24.1		0	24.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						165300	167300	169300			165300	167300	169300		
						826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	22.6	22.0	22.2	0	23.1	24.1	24.1	24.1	0	24.7
				1	12	22.4	22.0	22.1	0	23.1	24.2	24.3	24.0	0	24.7
				1	23	22.5	22.2	22.2	0	23.1	24.2	24.1	24.3	0	24.7
				12	6	22.6	22.2	22.3	0	23.1	24.2	24.1	24.0	0	24.7
			QPSK	1	1	22.2	22.2	21.7	0	23.1	24.0	24.2	24.1	0	24.7
				1	12	22.1	22.2	21.7	0	23.1	24.3	24.2	24.0	0	24.7
				1	23	22.2	22.2	21.8	0	23.1	24.3	24.0	24.0	0	24.7
				12	6	22.5	22.5	22.2	0	23.1	24.0	24.3	24.3	0	24.7

NR Band 7 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
40	DFT-s	15	π/2 BPSK	1	1		25.2		0	25.7		19.8		0	20.3
				1	107		25.2		0	25.7		20.0		0	20.3
				1	214		25.2		0	25.7		20.0		0	20.3
				108	54		25.2		0	25.7		19.9		0	20.3
			QPSK	1	1		25.2		0	25.7		19.8		0	20.3
				1	107		25.2		0	25.7		19.8		0	20.3
				1	214		25.2		0	25.7		20.0		0	20.3
				108	54		25.1		0	25.7		19.6		0	20.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
30	DFT-s	15	π/2 BPSK	1	1		25.2		0	25.7		19.8		0	20.3
				1	79		25.2		0	25.7		19.8		0	20.3
				1	158		25.2		0	25.7		19.9		0	20.3
				80	40		25.0		0	25.7		19.8		0	20.3
			QPSK	1	1		25.2		0	25.7		19.8		0	20.3
				1	79		25.2		0	25.7		19.8		0	20.3
				1	158		25.2		0	25.7		20.0		0	20.3
				80	40		25.0		0	25.7		19.8		0	20.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
25	DFT-s	15	π/2 BPSK	1	1		25.2		0	25.7		19.7		0	20.3
				1	66		25.1		0	25.7		19.8		0	20.3
				1	131		25.2		0	25.7		20.0		0	20.3
				64	32		25.1		0	25.7		19.9		0	20.3
			QPSK	1	1		25.2		0	25.7		19.9		0	20.3
				1	66		25.2		0	25.7		19.9		0	20.3
				1	131		25.2		0	25.7		19.8		0	20.3
				64	32		25.2		0	25.7		19.8		0	20.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Tune-up Limit	502000	507000	512000	MPR	Tune-up Limit
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	1	25.1	25.1	25.2	0	25.7	19.7	19.9	19.9	0	20.3
				1	52	25.2	25.2	25.2	0	25.7	19.9	19.9	19.9	0	20.3
				1	104	25.2	25.2	25.1	0	25.7	19.8	19.9	19.9	0	20.3
				50	25	25.2	25.2	25.2	0	25.7	19.8	19.7	20.0	0	20.3
			QPSK	1	1	25.2	25.1	25.2	0	25.7	19.8	19.8	19.8	0	20.3
				1	52	25.2	25.1	25.2	0	25.7	19.9	19.9	19.8	0	20.3
				1	104	25.2	25.2	25.2	0	25.7	19.9	20.0	19.9	0	20.3
				50	25	25.2	25.1	25.1	0	25.7	19.8	19.9	19.9	0	20.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Tune-up Limit	501500	507000	512000	MPR	Tune-up Limit
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	25.2	25.2	25.2	0	25.7	19.8	19.9	19.9	0	20.3
				1	39	25.2	25.1	25.2	0	25.7	19.8	19.7	19.9	0	20.3
				1	77	25.2	25.2	25.1	0	25.7	19.8	19.7	19.9	0	20.3
				36	18	25.2	25.2	25.2	0	25.7	19.8	19.9	19.7	0	20.3
			QPSK	1	1	25.2	25.1	25.1	0	25.7	19.7	19.8	19.8	0	20.3
				1	39	25.1	25.1	25.1	0	25.7	19.7	19.9	19.8	0	20.3
				1	77	25.2	25.1	25.2	0	25.7	19.8	19.8	19.9	0	20.3
				36	18	25.1	25.2	25.2	0	25.7	19.8	19.8	19.8	0	20.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Tune-up Limit	501000	507000	513000	MPR	Tune-up Limit
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	1	25.2	25.1	25.2	0	25.7	19.8	19.8	19.8	0	20.3
				1	25	25.1	25.2	25.2	0	25.7	19.8	19.7	19.8	0	20.3
				1	50	25.2	25.2	25.2	0	25.7	19.7	19.7	19.8	0	20.3
				25	12	25.2	25.2	25.1	0	25.7	19.8	19.8	19.8	0	20.3
			QPSK	1	1	25.1	25.2	25.2	0	25.7	19.7	19.7	19.8	0	20.3
				1	25	25.1	25.1	25.2	0	25.7	19.9	19.8	19.8	0	20.3
				1	50	25.2	25.2	25.1	0	25.7	19.8	19.9	19.9	0	20.3
				25	12	25.1	25.2	25.1	0	25.7	19.9	19.8	19.8	0	20.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Tune-up Limit	500500	507000	513500	MPR	Tune-up Limit
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	25.1	25.2	25.2	0	25.7	19.7	19.8	19.8	0	20.3
				1	12	25.2	25.2	25.2	0	25.7	19.8	19.8	19.7	0	20.3
				1	23	25.2	25.1	25.2	0	25.7	19.8	19.8	19.9	0	20.3
				12	6	25.2	25.2	25.2	0	25.7	19.9	19.8	19.8	0	20.3
			QPSK	1	1	25.1	25.2	25.1	0	25.7	19.8	19.8	19.7	0	20.3
				1	12	25.2	25.2	25.2	0	25.7	19.9	19.7	19.7	0	20.3
				1	23	25.2	25.2	25.1	0	25.7	19.8	19.9	19.8	0	20.3
				12	6	25.1	25.1	25.2	0	25.7	19.9	19.7	19.8	0	20.3

NR Band 7 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
40	DFT-s	15	π/2 BPSK	1	1		16.5		0	16.9		17.9		0	18.3
				1	107		16.7		0	16.9		18.2		0	18.3
				1	214		16.6		0	16.9		18.2		0	18.3
				108	54		16.7		0	16.9		18.0		0	18.3
			QPSK	1	1		16.6		0	16.9		17.9		0	18.3
				1	107		16.5		0	16.9		17.9		0	18.3
				1	214		16.8		0	16.9		18.2		0	18.3
				108	54		16.5		0	16.9		17.9		0	18.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
30	DFT-s	15	π/2 BPSK	1	1		16.5		0	16.9		18.0		0	18.3
				1	79		16.4		0	16.9		18.0		0	18.3
				1	158		16.5		0	16.9		18.0		0	18.3
				80	40		16.3		0	16.9		17.9		0	18.3
			QPSK	1	1		16.5		0	16.9		18.0		0	18.3
				1	79		16.5		0	16.9		18.0		0	18.3
				1	158		16.5		0	16.9		18.2		0	18.3
				80	40		16.3		0	16.9		17.9		0	18.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
25	DFT-s	15	π/2 BPSK	1	1		16.3		0	16.9		17.9		0	18.3
				1	66		16.3		0	16.9		18.0		0	18.3
				1	131		16.5		0	16.9		18.0		0	18.3
				64	32		16.4		0	16.9		17.9		0	18.3
			QPSK	1	1		16.4		0	16.9		17.8		0	18.3
				1	66		16.4		0	16.9		17.9		0	18.3
				1	131		16.5		0	16.9		18.0		0	18.3
				64	32		16.4		0	16.9		17.9		0	18.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Tune-up Limit	502000	507000	512000	MPR	Tune-up Limit
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	1	16.3	16.3	16.4	0	16.9	17.9	17.8	18.0	0	18.3
				1	52	16.3	16.4	16.4	0	16.9	17.9	18.0	18.1	0	18.3
				1	104	16.2	16.4	16.5	0	16.9	18.0	18.0	18.0	0	18.3
				50	25	16.3	16.3	16.4	0	16.9	17.9	17.9	17.9	0	18.3
			QPSK	1	1	16.5	16.4	16.6	0	16.9	18.0	17.8	17.9	0	18.3
				1	52	16.3	16.5	16.5	0	16.9	18.0	17.9	18.0	0	18.3
				1	104	16.4	16.4	16.5	0	16.9	17.9	18.0	17.8	0	18.3
				50	25	16.3	16.3	16.5	0	16.9	17.9	17.9	18.0	0	18.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Tune-up Limit	501500	507000	512500	MPR	Tune-up Limit
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	16.4	16.2	16.3	0	16.9	17.7	17.7	17.7	0	18.3
				1	39	16.3	16.2	16.3	0	16.9	17.7	17.7	17.8	0	18.3
				1	77	16.3	16.2	16.4	0	16.9	17.7	17.7	17.8	0	18.3
				36	18	16.1	16.1	16.3	0	16.9	17.6	17.6	17.7	0	18.3
			QPSK	1	1	16.2	16.3	16.4	0	16.9	17.6	17.8	17.8	0	18.3
				1	39	16.3	16.3	16.3	0	16.9	17.7	17.7	17.8	0	18.3
				1	77	16.2	16.2	16.3	0	16.9	17.7	17.8	17.9	0	18.3
				36	18	16.2	16.1	16.3	0	16.9	17.6	17.7	17.8	0	18.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Tune-up Limit	501000	507000	513000	MPR	Tune-up Limit
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	1	16.1	16.1	16.2	0	16.9	17.5	17.7	17.6	0	18.3
				1	25	16.1	16.0	16.0	0	16.9	17.6	17.7	17.5	0	18.3
				1	50	16.3	16.1	16.2	0	16.9	17.6	17.7	17.6	0	18.3
				25	12	16.2	16.1	16.2	0	16.9	17.6	17.6	17.6	0	18.3
			QPSK	1	1	16.0	16.0	16.2	0	16.9	17.6	17.5	17.7	0	18.3
				1	25	16.2	16.1	16.2	0	16.9	17.7	17.7	17.7	0	18.3
				1	50	16.2	16.1	16.2	0	16.9	17.7	17.5	17.6	0	18.3
				25	12	16.2	16.1	16.0	0	16.9	17.5	17.6	17.5	0	18.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Tune-up Limit	500500	507000	513500	MPR	Tune-up Limit
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	16.0	16.3	16.2	0	16.9	17.6	17.7	17.5	0	18.3
				1	12	16.2	16.2	16.1	0	16.9	17.6	17.5	17.7	0	18.3
				1	23	16.3	16.2	16.3	0	16.9	17.5	17.7	17.6	0	18.3
				12	6	16.2	16.2	16.2	0	16.9	17.7	17.7	17.5	0	18.3
			QPSK	1	1	16.3	16.2	16.3	0	16.9	17.5	17.6	17.6	0	18.3
				1	12	16.1	16.1	16.1	0	16.9	17.6	17.6	17.6	0	18.3
				1	23	16.1	16.1	16.3	0	16.9	17.6	17.6	17.5	0	18.3
				12	6	16.0	16.1	16.1	0	16.9	17.6	17.6	17.7	0	18.3

NR Band 7 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
50	DFT-s	15	π/2 BPSK	1	1		23.3		0	23.6		19.1		0	19.4
				1	134		23.3		0	23.6		19.2		0	19.4
				1	268		23.1		0	23.6		19.0		0	19.4
				135	67		23.2		0	23.6		19.2		0	19.4
			QPSK	1	1		23.3		0	23.6		19.1		0	19.4
				1	134		23.2		0	23.6		19.0		0	19.4
				1	268		23.1		0	23.6		19.0		0	19.4
				135	67		23.0		0	23.6		19.0		0	19.4
BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
40	DFT-s	15	π/2 BPSK	1	1		23.0		0	23.6		19.1		0	19.4
				1	107		23.0		0	23.6		18.9		0	19.4
				1	214		23.0		0	23.6		19.0		0	19.4
				108	54		23.0		0	23.6		18.9		0	19.4
			QPSK	1	1		23.0		0	23.6		19.1		0	19.4
				1	107		23.0		0	23.6		18.8		0	19.4
				1	214		22.9		0	23.6		19.0		0	19.4
				108	54		22.9		0	23.6		18.9		0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
30	DFT-s	15	π/2 BPSK	1	1		22.9		0	23.6		19.1		0	19.4
				1	79		23.0		0	23.6		18.9		0	19.4
				1	158		23.0		0	23.6		18.9		0	19.4
				80	40		22.9		0	23.6		18.9		0	19.4
			QPSK	1	1		23.0		0	23.6		19.0		0	19.4
				1	79		23.0		0	23.6		19.0		0	19.4
				1	158		22.9		0	23.6		18.8		0	19.4
				80	40		22.9		0	23.6		19.0		0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
25	DFT-s	15	π/2 BPSK	1	1		22.9		0	23.6		19.0		0	19.4
				1	66		22.9		0	23.6		19.0		0	19.4
				1	131		22.9		0	23.6		19.0		0	19.4
				64	32		22.9		0	23.6		19.1		0	19.4
			QPSK	1	1		23.0		0	23.6		18.8		0	19.4
				1	66		22.9		0	23.6		18.9		0	19.4
				1	131		23.0		0	23.6		19.1		0	19.4
				64	32		23.0		0	23.6		18.9		0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Tune-up Limit	502000	507000	512000	MPR	Tune-up Limit
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	1	22.9	22.9	22.9	0	23.6	19.0	18.9	19.0	0	19.4
				1	52	23.0	22.9	23.0	0	23.6	18.9	19.0	19.0	0	19.4
				1	104	22.9	22.9	22.9	0	23.6	18.9	18.8	18.9	0	19.4
				50	25	23.0	22.9	23.0	0	23.6	19.1	18.8	18.9	0	19.4
			QPSK	1	1	22.9	23.0	23.0	0	23.6	19.0	19.1	18.8	0	19.4
				1	52	23.0	22.9	23.0	0	23.6	19.0	19.0	19.1	0	19.4
				1	104	23.0	22.9	22.9	0	23.6	18.9	18.9	19.0	0	19.4
				50	25	23.0	23.0	23.0	0	23.6	19.1	18.9	19.1	0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Tune-up Limit	501500	507000	512500	MPR	Tune-up Limit
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	22.9	22.9	22.9	0	23.6	19.1	18.9	19.0	0	19.4
				1	39	22.9	22.9	22.9	0	23.6	18.9	19.0	19.1	0	19.4
				1	77	23.0	22.9	22.9	0	23.6	18.9	19.0	18.9	0	19.4
				36	18	22.9	22.9	22.9	0	23.6	18.9	19.0	19.0	0	19.4
			QPSK	1	1	22.9	22.9	23.0	0	23.6	18.8	19.0	18.9	0	19.4
				1	39	23.0	22.9	23.0	0	23.6	18.9	18.9	19.0	0	19.4
				1	77	23.0	23.0	23.0	0	23.6	18.8	18.9	18.9	0	19.4
				36	18	23.0	22.9	23.0	0	23.6	18.8	18.9	18.9	0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Tune-up Limit	501000	507000	513000	MPR	Tune-up Limit
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	1	23.0	22.9	22.9	0	23.6	18.9	18.9	18.9	0	19.4
				1	25	22.9	22.9	22.9	0	23.6	19.1	18.9	19.1	0	19.4
				1	50	23.0	22.9	22.9	0	23.6	19.1	18.9	18.9	0	19.4
				25	12	23.0	22.9	22.9	0	23.6	19.0	19.1	18.9	0	19.4
			QPSK	1	1	22.9	22.9	23.0	0	23.6	19.0	19.0	18.9	0	19.4
				1	25	22.9	22.9	22.9	0	23.6	18.9	19.1	18.9	0	19.4
				1	50	23.0	23.0	22.9	0	23.6	19.1	19.0	19.1	0	19.4
				25	12	22.9	22.9	22.9	0	23.6	19.1	19.0	19.1	0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Tune-up Limit	500500	507000	513500	MPR	Tune-up Limit
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	22.9	22.9	22.9	0	23.6	19.0	18.9	18.9	0	19.4
				1	12	22.9	22.9	22.9	0	23.6	18.9	18.8	19.0	0	19.4
				1	23	23.0	23.0	22.9	0	23.6	18.9	19.0	19.1	0	19.4
				12	6	23.0	23.0	22.9	0	23.6	18.9	19.1	18.9	0	19.4
			QPSK	1	1	22.9	22.9	22.9	0	23.6	18.9	19.1	19.1	0	19.4
				1	12	22.9	22.9	23.0	0	23.6	19.1	18.9	19.0	0	19.4
				1	23	23.0	23.0	23.0	0	23.6	18.8	18.9	18.8	0	19.4
				12	6	23.0	23.0	23.0	0	23.6	18.9	18.9	18.8	0	19.4

NR Band 7 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
40	DFT-s	15	π/2 BPSK	1	1		16.6		0	17.4		19.2		0	19.5
				1	107		17.0		0	17.4		19.4		0	19.5
				1	214		16.8		0	17.4		19.2		0	19.5
				108	54		16.9		0	17.4		19.4		0	19.5
			QPSK	1	1		16.7		0	17.4		19.3		0	19.5
				1	107		16.6		0	17.4		19.2		0	19.5
				1	214		16.8		0	17.4		19.1		0	19.5
				108	54		16.6		0	17.4		19.3		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
30	DFT-s	15	π/2 BPSK	1	1		16.8		0	17.4		19.2		0	19.5
				1	79		16.8		0	17.4		19.2		0	19.5
				1	158		16.9		0	17.4		19.3		0	19.5
				80	40		16.8		0	17.4		19.1		0	19.5
			QPSK	1	1		16.8		0	17.4		19.1		0	19.5
				1	79		16.8		0	17.4		19.2		0	19.5
				1	158		16.8		0	17.4		19.1		0	19.5
				80	40		16.8		0	17.4		19.2		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
25	DFT-s	15	π/2 BPSK	1	1		16.7		0	17.4		19.2		0	19.5
				1	66		16.7		0	17.4		19.1		0	19.5
				1	131		16.7		0	17.4		19.2		0	19.5
				64	32		16.6		0	17.4		19.1		0	19.5
			QPSK	1	1		16.6		0	17.4		19.2		0	19.5
				1	66		16.7		0	17.4		19.3		0	19.5
				1	131		16.7		0	17.4		19.2		0	19.5
				64	32		16.6		0	17.4		19.3		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Tune-up Limit	502000	507000	512000	MPR	Tune-up Limit
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	1	16.9	17.0	16.9	0	17.4	19.1	19.3	19.2	0	19.5
				1	52	17.0	17.0	16.9	0	17.4	19.1	19.2	19.2	0	19.5
				1	104	16.9	17.0	16.9	0	17.4	19.2	19.3	19.2	0	19.5
				50	25	16.9	16.9	16.9	0	17.4	19.3	19.3	19.3	0	19.5
			QPSK	1	1	16.9	17.0	16.9	0	17.4	19.3	19.1	19.2	0	19.5
				1	52	16.8	17.0	16.9	0	17.4	19.2	19.1	19.3	0	19.5
				1	104	16.9	17.0	16.9	0	17.4	19.3	19.1	19.1	0	19.5
				50	25	16.9	16.9	16.9	0	17.4	19.3	19.2	19.3	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Tune-up Limit	501500	507000	512500	MPR	Tune-up Limit
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	16.6	16.8	16.7	0	17.4	19.1	19.2	19.1	0	19.5
				1	39	16.6	16.7	16.7	0	17.4	19.2	19.2	19.3	0	19.5
				1	77	16.6	16.7	16.8	0	17.4	19.2	19.2	19.3	0	19.5
				36	18	16.7	16.7	16.8	0	17.4	19.3	19.2	19.2	0	19.5
			QPSK	1	1	16.6	16.8	16.8	0	17.4	19.2	19.3	19.2	0	19.5
				1	39	16.7	16.7	16.8	0	17.4	19.2	19.3	19.2	0	19.5
				1	77	16.6	16.7	16.8	0	17.4	19.1	19.2	19.3	0	19.5
				36	18	16.6	16.7	16.8	0	17.4	19.2	19.3	19.1	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Tune-up Limit	501000	507000	513000	MPR	Tune-up Limit
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	1	16.9	16.9	17.0	0	17.4	19.2	19.1	19.2	0	19.5
				1	25	16.9	17.0	17.0	0	17.4	19.2	19.2	19.3	0	19.5
				1	50	16.9	16.9	17.0	0	17.4	19.2	19.3	19.1	0	19.5
				25	12	16.9	16.9	16.9	0	17.4	19.3	19.3	19.3	0	19.5
			QPSK	1	1	16.9	16.9	17.0	0	17.4	19.2	19.2	19.2	0	19.5
				1	25	16.9	16.8	17.0	0	17.4	19.1	19.2	19.2	0	19.5
				1	50	16.9	16.9	17.0	0	17.4	19.2	19.1	19.1	0	19.5
				25	12	16.9	16.9	16.9	0	17.4	19.2	19.1	19.1	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Tune-up Limit	500500	507000	513500	MPR	Tune-up Limit
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	16.8	16.8	16.8	0	17.4	19.2	19.1	19.3	0	19.5
				1	12	16.8	16.8	16.8	0	17.4	19.2	19.2	19.1	0	19.5
				1	23	16.8	16.9	16.8	0	17.4	19.1	19.3	19.2	0	19.5
				12	6	16.7	16.8	16.8	0	17.4	19.2	19.2	19.1	0	19.5
			QPSK	1	1	16.8	16.8	16.9	0	17.4	19.3	19.2	19.3	0	19.5
				1	12	16.8	16.8	16.9	0	17.4	19.2	19.2	19.3	0	19.5
				1	23	16.8	16.8	16.9	0	17.4	19.2	19.2	19.2	0	19.5
				12	6	16.8	16.8	16.9	0	17.4	19.2	19.3	19.1	0	19.5

NR Band 12 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						141500	MPR	Tune-up Limit		141500	MPR	Tune-up Limit	
						707.5 MHz				707.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1	25.4	0	25.7		25.4	0	25.7	
				1	39	25.4	0	25.7		25.4	0	25.7	
				1	77	25.3	0	25.7		25.3	0	25.7	
				36	18	25.2	0	25.7		25.2	0	25.7	
			QPSK	1	1	25.4	0	25.7		25.4	0	25.7	
				1	39	25.3	0	25.7		25.3	0	25.7	
				1	77	25.3	0	25.7		25.3	0	25.7	
				36	18	25.2	0	25.7		25.2	0	25.7	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						141500	MPR	Tune-up Limit		141500	MPR	Tune-up Limit	
						707.5 MHz				707.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1	24.9	0	25.7		24.9	0	25.7	
				1	25	24.8	0	25.7		24.8	0	25.7	
				1	50	24.8	0	25.7		24.8	0	25.7	
				25	12	24.8	0	25.7		24.8	0	25.7	
			QPSK	1	1	24.9	0	25.7		24.9	0	25.7	
				1	25	24.9	0	25.7		24.9	0	25.7	
				1	50	24.8	0	25.7		24.8	0	25.7	
				25	12	24.9	0	25.7		24.9	0	25.7	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						140300	141500	142700	MPR	Tune-up Limit	140300	141500	142700	MPR	Tune-up Limit
						701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	24.9	24.9	24.8	0	25.7	24.9	24.9	24.8	0	25.7
				1	12	24.8	24.9	24.8	0	25.7	24.8	24.9	24.8	0	25.7
				1	23	24.8	24.9	24.8	0	25.7	24.8	24.9	24.8	0	25.7
				12	6	24.8	24.9	24.8	0	25.7	24.8	24.9	24.8	0	25.7
			QPSK	1	1	24.9	24.9	24.8	0	25.7	24.9	24.9	24.8	0	25.7
				1	12	24.9	24.8	24.8	0	25.7	24.9	24.8	24.8	0	25.7
				1	23	24.9	24.9	24.8	0	25.7	24.9	24.9	24.8	0	25.7
				12	6	24.9	24.9	24.8	0	25.7	24.9	24.9	24.8	0	25.7

NR Band 12 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						141500	MPR	Tune-up Limit		141500	MPR	Tune-up Limit	
						707.5 MHz				707.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1	22.9	0	23.4		24.1	0	24.7	
				1	39	23.0	0	23.4		24.2	0	24.7	
				1	77	23.0	0	23.4		24.0	0	24.7	
				36	18	23.0	0	23.4		24.2	0	24.7	
			QPSK	1	1	22.9	0	23.4		24.2	0	24.7	
				1	39	22.8	0	23.4		24.1	0	24.7	
				1	77	23.0	0	23.4		24.0	0	24.7	
				36	18	23.0	0	23.4		24.0	0	24.7	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						141500	MPR	Tune-up Limit		141500	MPR	Tune-up Limit	
						707.5 MHz				707.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1	22.9	0	23.4		24.1	0	24.7	
				1	25	22.8	0	23.4		24.1	0	24.7	
				1	50	23.0	0	23.4		24.0	0	24.7	
				25	12	22.8	0	23.4		24.1	0	24.7	
			QPSK	1	1	23.0	0	23.4		24.1	0	24.7	
				1	25	23.0	0	23.4		24.0	0	24.7	
				1	50	22.9	0	23.4		24.2	0	24.7	
				25	12	23.0	0	23.4		24.1	0	24.7	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						140300	141500	142700	MPR	Tune-up Limit	140300	141500	142700	MPR	Tune-up Limit
						701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	22.8	23.0	22.8	0	23.4	24.1	24.0	24.0	0	24.7
				1	12	23.0	22.8	22.9	0	23.4	24.1	24.1	24.1	0	24.7
				1	23	22.9	22.8	22.8	0	23.4	24.2	24.1	24.0	0	24.7
				12	6	22.8	22.9	23.0	0	23.4	24.1	24.0	24.2	0	24.7
			QPSK	1	1	22.9	22.9	22.8	0	23.4	24.2	24.2	24.1	0	24.7
				1	12	22.9	22.8	22.8	0	23.4	24.1	24.1	24.2	0	24.7
				1	23	22.9	23.0	22.8	0	23.4	24.2	24.0	24.1	0	24.7
				12	6	22.8	22.8	23.0	0	23.4	24.2	24.1	24.2	0	24.7

NR Band 14 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						158600 / 793 MHz	MPR	Tune-up Limit	158600 / 793 MHz	MPR	Tune-up Limit
10	DFT-s	15	π/2 BPSK	1	1	25.2	0	25.7	25.2	0	25.7
				1	25	25.4	0	25.7	25.4	0	25.7
				1	50	25.2	0	25.7	25.2	0	25.7
				25	12	25.2	0	25.7	25.2	0	25.7
			QPSK	1	1	25.3	0	25.7	25.3	0	25.7
				1	25	25.4	0	25.7	25.4	0	25.7
				1	50	25.2	0	25.7	25.2	0	25.7
				25	12	25.2	0	25.7	25.2	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						158600 / 793 MHz	MPR	Tune-up Limit	158600 / 793 MHz	MPR	Tune-up Limit
5	DFT-s	15	π/2 BPSK	1	1	24.8	0	25.7	24.8	0	25.7
				1	12	24.9	0	25.7	24.9	0	25.7
				1	23	24.8	0	25.7	24.8	0	25.7
				12	6	24.9	0	25.7	24.9	0	25.7
			QPSK	1	1	24.8	0	25.7	24.8	0	25.7
				1	12	24.8	0	25.7	24.8	0	25.7
				1	23	24.9	0	25.7	24.9	0	25.7
				12	6	24.9	0	25.7	24.9	0	25.7

NR Band 14 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						158600 / 793 MHz	MPR	Tune-up Limit	158600 / 793 MHz	MPR	Tune-up Limit
10	DFT-s	15	π/2 BPSK	1	1	23.3	0	23.8	24.1	0	24.7
				1	25	23.4	0	23.8	24.2	0	24.7
				1	50	23.3	0	23.8	24.2	0	24.7
				25	12	23.3	0	23.8	24.2	0	24.7
			QPSK	1	1	23.3	0	23.8	24.2	0	24.7
				1	25	23.4	0	23.8	24.2	0	24.7
				1	50	23.3	0	23.8	24.2	0	24.7
				25	12	23.3	0	23.8	24.1	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						158600 / 793 MHz	MPR	Tune-up Limit	158600 / 793 MHz	MPR	Tune-up Limit
5	DFT-s	15	π/2 BPSK	1	1	23.3	0	23.8	23.9	0	24.7
				1	12	23.2	0	23.8	23.9	0	24.7
				1	23	23.1	0	23.8	24.0	0	24.7
				12	6	23.1	0	23.8	24.0	0	24.7
			QPSK	1	1	23.3	0	23.8	24.0	0	24.7
				1	12	23.1	0	23.8	23.9	0	24.7
				1	23	23.1	0	23.8	24.1	0	24.7
				12	6	23.0	0	23.8	23.9	0	24.7

NR Band 25 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	376500	[redacted]	MPR	Tune-up Limit	[redacted]	376500	[redacted]	MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
40	DFT-s	15	π/2 BPSK	1	1		24.9		0	25.3		17.5		0	17.7
				1	107		24.9		0	25.3		17.5		0	17.7
				1	214		24.5		0	25.3		17.3		0	17.7
				108	54		24.8		0	25.3		17.5		0	17.7
			QPSK	1	1		24.8		0	25.3		17.5		0	17.7
				1	107		24.9		0	25.3		17.3		0	17.7
				1	214		24.5		0	25.3		17.4		0	17.7
				108	54		24.8		0	25.3		17.5		0	17.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	376500	[redacted]	MPR	Tune-up Limit	[redacted]	376500	[redacted]	MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
30	DFT-s	15	π/2 BPSK	1	1		24.6		0	25.3		17.3		0	17.7
				1	79		24.6		0	25.3		17.4		0	17.7
				1	158		24.8		0	25.3		17.4		0	17.7
				80	40		24.5		0	25.3		17.4		0	17.7
			QPSK	1	1		24.6		0	25.3		17.3		0	17.7
				1	79		24.6		0	25.3		17.4		0	17.7
				1	158		24.8		0	25.3		17.4		0	17.7
				80	40		24.5		0	25.3		17.4		0	17.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	376500	[redacted]	MPR	Tune-up Limit	[redacted]	376500	[redacted]	MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
25	DFT-s	15	π/2 BPSK	1	1		24.8		0	25.3		17.5		0	17.7
				1	66		24.6		0	25.3		17.5		0	17.7
				1	131		24.6		0	25.3		17.5		0	17.7
				64	32		24.5		0	25.3		17.3		0	17.7
			QPSK	1	1		24.8		0	25.3		17.3		0	17.7
				1	66		24.6		0	25.3		17.3		0	17.7
				1	131		24.6		0	25.3		17.5		0	17.7
				64	32		24.5		0	25.3		17.3		0	17.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Tune-up Limit	372000	376500	381000	MPR	Tune-up Limit
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	1	24.7	24.8	24.8	0	25.3	17.4	17.4	17.5	0	17.7
				1	52	24.6	24.9	23.7	0	25.3	17.5	17.5	17.4	0	17.7
				1	104	24.6	24.7	24.6	0	25.3	17.4	17.4	17.4	0	17.7
				50	25	24.5	24.5	24.7	0	25.3	17.3	17.4	17.4	0	17.7
			QPSK	1	1	24.8	24.8	24.7	0	25.3	17.3	17.4	17.4	0	17.7
				1	52	24.6	24.8	24.6	0	25.3	17.4	17.3	17.3	0	17.7
				1	104	24.7	24.6	24.7	0	25.3	17.5	17.3	17.4	0	17.7
				50	25	24.6	24.5	24.5	0	25.3	17.4	17.4	17.4	0	17.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Tune-up Limit	371500	376500	381500	MPR	Tune-up Limit
						1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	24.6	24.5	24.6	0	25.3	17.4	17.3	17.4	0	17.7
				1	39	24.6	24.5	24.6	0	25.3	17.4	17.4	17.4	0	17.7
				1	77	24.6	24.7	24.6	0	25.3	17.3	17.3	17.4	0	17.7
				36	18	24.5	24.7	24.7	0	25.3	17.5	17.3	17.4	0	17.7
			QPSK	1	1	24.6	24.5	24.7	0	25.3	17.5	17.4	17.5	0	17.7
				1	39	24.6	24.6	24.7	0	25.3	17.5	17.4	17.3	0	17.7
				1	77	24.8	24.5	24.7	0	25.3	17.3	17.4	17.4	0	17.7
				36	18	24.6	24.6	24.8	0	25.3	17.3	17.4	17.4	0	17.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Tune-up Limit	371000	376500	382000	MPR	Tune-up Limit
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	1	24.8	24.5	24.8	0	25.3	17.4	17.4	17.4	0	17.7
				1	25	24.6	24.5	24.8	0	25.3	17.5	17.4	17.4	0	17.7
				1	50	24.5	24.7	24.7	0	25.3	17.3	17.5	17.3	0	17.7
				25	12	24.5	24.7	24.7	0	25.3	17.4	17.4	17.3	0	17.7
			QPSK	1	1	24.6	24.5	24.6	0	25.3	17.4	17.4	17.4	0	17.7
				1	25	24.7	24.7	24.6	0	25.3	17.5	17.3	17.5	0	17.7
				1	50	24.6	24.8	24.8	0	25.3	17.3	17.4	17.4	0	17.7
				25	12	24.6	24.7	24.7	0	25.3	17.5	17.4	17.5	0	17.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Tune-up Limit	370500	376500	382500	MPR	Tune-up Limit
						1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	24.8	24.8	24.6	0	25.3	17.4	17.4	17.5	0	17.7
				1	12	24.5	24.7	24.5	0	25.3	17.5	17.4	17.4	0	17.7
				1	23	24.7	24.7	24.5	0	25.3	17.4	17.5	17.4	0	17.7
				12	6	24.6	24.8	24.7	0	25.3	17.5	17.4	17.3	0	17.7
			QPSK	1	1	24.7	24.5	24.6	0	25.3	17.3	17.5	17.4	0	17.7
				1	12	24.5	24.5	24.6	0	25.3	17.3	17.3	17.3	0	17.7
				1	23	24.7	24.7	24.8	0	25.3	17.4	17.5	17.4	0	17.7
				12	6	24.8	24.7	24.5	0	25.3	17.4	17.3	17.5	0	17.7

NR Band 25 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						376500	MPR	Tune-up Limit		376500	MPR	Tune-up Limit	
						1882.5 MHz				1882.5 MHz			
40	DFT-s	15	π/2 BPSK	1	1	20.2	0	20.7		21.7	0	22.2	
				1	107	20.3	0	20.7		21.8	0	22.2	
				1	214	20.2	0	20.7		21.8	0	22.2	
				108	54	20.2	0	20.7		21.8	0	22.2	
			QPSK	1	1	20.2	0	20.7		21.7	0	22.2	
				1	107	20.2	0	20.7		21.8	0	22.2	
				1	214	20.2	0	20.7		21.7	0	22.2	
				108	54	20.1	0	20.7		21.7	0	22.2	

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						376500	MPR	Tune-up Limit		376500	MPR	Tune-up Limit	
						1882.5 MHz				1882.5 MHz			
30	DFT-s	15	π/2 BPSK	1	1	20.0	0	20.7		21.7	0	22.2	
				1	79	20.1	0	20.7		21.7	0	22.2	
				1	158	20.0	0	20.7		21.6	0	22.2	
				80	40	20.0	0	20.7		21.5	0	22.2	
			QPSK	1	1	20.0	0	20.7		21.8	0	22.2	
				1	79	19.9	0	20.7		21.7	0	22.2	
				1	158	20.1	0	20.7		21.5	0	22.2	
				80	40	20.1	0	20.7		21.5	0	22.2	

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						376500	MPR	Tune-up Limit		376500	MPR	Tune-up Limit	
						1882.5 MHz				1882.5 MHz			
25	DFT-s	15	π/2 BPSK	1	1	20.1	0	20.7		21.7	0	22.2	
				1	66	19.9	0	20.7		21.5	0	22.2	
				1	131	20.1	0	20.7		21.5	0	22.2	
				64	32	20.0	0	20.7		21.8	0	22.2	
			QPSK	1	1	19.9	0	20.7		21.7	0	22.2	
				1	66	20.1	0	20.7		21.5	0	22.2	
				1	131	20.2	0	20.7		21.5	0	22.2	
				64	32	19.9	0	20.7		21.5	0	22.2	

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Tune-up Limit	372000	376500	381000	MPR	Tune-up Limit
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	1	20.2	20.1	20.1	0	20.7	21.6	21.7	21.6	0	22.2
				1	52	20.2	20.0	20.1	0	20.7	21.6	21.7	21.7	0	22.2
				1	104	20.1	20.1	20.0	0	20.7	21.7	21.8	21.7	0	22.2
				50	25	19.9	19.9	20.2	0	20.7	21.5	21.7	21.8	0	22.2
			QPSK	1	1	20.1	20.0	20.2	0	20.7	21.7	21.7	21.5	0	22.2
				1	52	20.0	20.2	20.0	0	20.7	21.6	21.5	21.5	0	22.2
				1	104	20.2	20.1	19.9	0	20.7	21.7	21.6	21.8	0	22.2
				50	25	20.2	20.0	19.9	0	20.7	21.7	21.7	21.5	0	22.2

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Tune-up Limit	371500	376500	381500	MPR	Tune-up Limit
						1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	20.2	20.1	20.0	0	20.7	21.6	21.7	21.7	0	22.2
				1	39	20.0	20.0	20.0	0	20.7	21.6	21.7	21.8	0	22.2
				1	77	20.0	20.2	19.9	0	20.7	21.6	21.6	21.8	0	22.2
				36	18	20.0	20.1	20.1	0	20.7	21.7	21.6	21.6	0	22.2
			QPSK	1	1	20.0	20.0	20.1	0	20.7	21.7	21.7	21.6	0	22.2
				1	39	20.1	20.0	19.9	0	20.7	21.6	21.6	21.8	0	22.2
				1	77	20.2	20.1	19.9	0	20.7	21.7	21.7	21.5	0	22.2
				36	18	20.1	20.1	19.9	0	20.7	21.6	21.6	21.8	0	22.2

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Tune-up Limit	371000	376500	382000	MPR	Tune-up Limit
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	1	20.1	20.2	20.0	0	20.7	21.6	21.8	21.5	0	22.2
				1	25	20.0	20.0	20.0	0	20.7	21.7	21.7	21.8	0	22.2
				1	50	20.0	20.1	20.1	0	20.7	21.8	21.6	21.8	0	22.2
				25	12	19.9	20.1	20.1	0	20.7	21.6	21.5	21.6	0	22.2
			QPSK	1	1	20.1	19.9	20.0	0	20.7	21.8	21.6	21.6	0	22.2
				1	25	20.0	20.0	19.9	0	20.7	21.7	21.6	21.6	0	22.2
				1	50	19.9	19.9	20.0	0	20.7	21.6	21.7	21.7	0	22.2
				25	12	20.2	20.1	19.9	0	20.7	21.7	21.8	21.5	0	22.2

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Tune-up Limit	370500	376500	382500	MPR	Tune-up Limit
						1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	20.0	20.1	19.9	0	20.7	21.6	21.5	21.6	0	22.2
				1	12	20.2	20.1	20.1	0	20.7	21.7	21.6	21.7	0	22.2
				1	23	19.9	19.9	20.0	0	20.7	21.6	21.5	21.5	0	22.2
				12	6	20.1	20.0	20.0	0	20.7	21.6	21.5	21.7	0	22.2
			QPSK	1	1	19.9	19.9	20.0	0	20.7	21.6	21.7	21.8	0	22.2
				1	12	20.0	19.9	20.1	0	20.7	21.6	21.7	21.6	0	22.2
				1	23	20.0	20.1	19.9	0	20.7	21.6	21.7	21.7	0	22.2
				12	6	20.0	20.0	20.0	0	20.7	21.7	21.6	21.6	0	22.2

NR Band 25 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	376500	[redacted]	MPR	Tune-up Limit	[redacted]	376500	[redacted]	MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
40	DFT-s	15	π/2 BPSK	1	1		24.3		0	25		19.9		0	20.2
				1	107		24.4		0	25		19.9		0	20.2
				1	214		24.3		0	25		19.8		0	20.2
				108	54		24.3		0	25		19.9		0	20.2
			QPSK	1	1		24.4		0	25		19.7		0	20.2
				1	107		24.4		0	25		19.7		0	20.2
				1	214		24.3		0	25		19.8		0	20.2
				108	54		24.3		0	25		19.7		0	20.2

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	376500	[redacted]	MPR	Tune-up Limit	[redacted]	376500	[redacted]	MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
30	DFT-s	15	π/2 BPSK	1	1		24.0		0	25		19.7		0	20.2
				1	79		24.2		0	25		19.7		0	20.2
				1	158		24.4		0	25		19.7		0	20.2
				80	40		23.9		0	25		19.8		0	20.2
			QPSK	1	1		24.1		0	25		19.8		0	20.2
				1	79		24.1		0	25		19.7		0	20.2
				1	158		24.1		0	25		19.9		0	20.2
				80	40		24.1		0	25		19.9		0	20.2

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	376500	[redacted]	MPR	Tune-up Limit	[redacted]	376500	[redacted]	MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
25	DFT-s	15	π/2 BPSK	1	1		24.1		0	25		19.8		0	20.2
				1	66		24.1		0	25		19.8		0	20.2
				1	131		24.0		0	25		19.8		0	20.2
				64	32		24.1		0	25		19.8		0	20.2
			QPSK	1	1		24.2		0	25		19.8		0	20.2
				1	66		24.2		0	25		19.8		0	20.2
				1	131		24.2		0	25		19.7		0	20.2
				64	32		24.1		0	25		19.8		0	20.2

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Tune-up Limit	372000	376500	381000	MPR	Tune-up Limit
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	1	24.1	24.0	24.3	0	25	19.8	19.7	19.9	0	20.2
				1	52	24.0	24.0	24.3	0	25	19.9	19.7	19.7	0	20.2
				1	104	24.1	24.0	24.2	0	25	19.9	19.8	19.7	0	20.2
				50	25	24.0	24.0	24.3	0	25	19.9	19.8	19.8	0	20.2
			QPSK	1	1	24.2	24.0	24.3	0	25	19.8	19.9	19.9	0	20.2
				1	52	24.1	24.2	24.3	0	25	19.8	19.8	19.8	0	20.2
				1	104	24.1	24.2	24.3	0	25	19.9	19.9	19.9	0	20.2
				50	25	24.1	24.1	24.3	0	25	19.9	19.9	19.9	0	20.2

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Tune-up Limit	371500	376500	381500	MPR	Tune-up Limit
						1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	24.2	24.3	24.1	0	25	19.9	19.9	19.9	0	20.2
				1	39	24.2	24.2	24.1	0	25	19.9	19.8	19.9	0	20.2
				1	77	24.2	24.2	24.2	0	25	19.9	19.8	19.9	0	20.2
				36	18	24.1	24.1	24.1	0	25	19.8	19.9	19.9	0	20.2
			QPSK	1	1	24.3	24.3	24.2	0	25	19.8	19.8	19.9	0	20.2
				1	39	24.2	24.2	24.2	0	25	19.9	19.9	19.9	0	20.2
				1	77	24.2	24.2	24.1	0	25	19.9	19.8	19.9	0	20.2
				36	18	24.2	24.0	24.1	0	25	19.8	19.8	19.8	0	20.2

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Tune-up Limit	371000	376500	382000	MPR	Tune-up Limit
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	1	24.2	24.2	24.3	0	25	19.9	19.7	19.9	0	20.2
				1	25	24.2	24.1	24.3	0	25	19.8	19.9	19.9	0	20.2
				1	50	24.1	24.1	24.2	0	25	19.7	19.8	19.9	0	20.2
				25	12	24.1	24.1	24.2	0	25	19.7	19.8	19.7	0	20.2
			QPSK	1	1	24.2	24.2	24.2	0	25	19.9	19.9	19.9	0	20.2
				1	25	24.2	24.2	24.2	0	25	19.9	19.9	19.9	0	20.2
				1	50	24.1	24.2	24.2	0	25	19.8	19.8	19.8	0	20.2
				25	12	24.1	24.2	24.3	0	25	19.8	19.8	19.8	0	20.2

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Tune-up Limit	370500	376500	382500	MPR	Tune-up Limit
						1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	24.3	24.2	24.1	0	25	19.9	19.9	19.9	0	20.2
				1	12	24.3	24.1	24.2	0	25	19.8	19.9	19.9	0	20.2
				1	23	24.3	24.1	24.2	0	25	19.8	19.8	19.8	0	20.2
				12	6	24.3	24.1	24.2	0	25	19.9	19.9	19.9	0	20.2
			QPSK	1	1	24.3	24.0	24.2	0	25	19.9	19.9	19.9	0	20.2
				1	12	24.3	24.0	24.2	0	25	19.8	19.8	19.8	0	20.2
				1	23	24.2	24.1	24.3	0	25	19.9	19.9	19.9	0	20.2
				12	6	24.1	24.0	24.3	0	25	19.9	19.9	19.9	0	20.2

NR Band 25 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	376500	[redacted]	MPR	Tune-up Limit	[redacted]	376500	[redacted]	MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
40	DFT-s	15	π/2 BPSK	1	1		18.1		0	18.2		19.5		0	19.7
				1	107		18.2		0	18.2		19.5		0	19.7
				1	214		18.1		0	18.2		19.4		0	19.7
				108	54		18.1		0	18.2		19.5		0	19.7
			QPSK	1	1		18.2		0	18.2		19.4		0	19.7
				1	107		18.1		0	18.2		19.2		0	19.7
				1	214		18.1		0	18.2		19.4		0	19.7
				108	54		18.2		0	18.2		19.5		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	376500	[redacted]	MPR	Tune-up Limit	[redacted]	376500	[redacted]	MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
30	DFT-s	15	π/2 BPSK	1	1		18.1		0	18.2		19.4		0	19.7
				1	79		18.0		0	18.2		19.4		0	19.7
				1	158		17.9		0	18.2		19.3		0	19.7
				80	40		17.9		0	18.2		19.4		0	19.7
			QPSK	1	1		18.0		0	18.2		19.3		0	19.7
				1	79		18.1		0	18.2		19.4		0	19.7
				1	158		18.2		0	18.2		19.2		0	19.7
				80	40		17.9		0	18.2		19.5		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	376500	[redacted]	MPR	Tune-up Limit	[redacted]	376500	[redacted]	MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
25	DFT-s	15	π/2 BPSK	1	1		18.0		0	18.2		19.5		0	19.7
				1	66		17.9		0	18.2		19.2		0	19.7
				1	131		17.8		0	18.2		19.3		0	19.7
				64	32		18.0		0	18.2		19.4		0	19.7
			QPSK	1	1		18.1		0	18.2		19.3		0	19.7
				1	66		18.1		0	18.2		19.3		0	19.7
				1	131		18.1		0	18.2		19.4		0	19.7
				64	32		18.1		0	18.2		19.4		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Tune-up Limit	372000	376500	381000	MPR	Tune-up Limit
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	1	17.9	18.0	17.9	0	18.2	19.5	19.4	19.3	0	19.7
				1	52	17.8	17.8	18.0	0	18.2	19.5	19.3	19.4	0	19.7
				1	104	17.9	18.0	18.0	0	18.2	19.2	19.2	19.2	0	19.7
				50	25	18.1	18.1	18.0	0	18.2	19.4	19.2	19.4	0	19.7
			QPSK	1	1	18.0	18.0	17.9	0	18.2	19.3	19.4	19.5	0	19.7
				1	52	18.2	18.1	18.0	0	18.2	19.3	19.4	19.3	0	19.7
				1	104	17.9	18.0	18.1	0	18.2	19.4	19.4	19.2	0	19.7
				50	25	17.9	18.1	18.1	0	18.2	19.3	19.3	19.2	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Tune-up Limit	371500	376500	381500	MPR	Tune-up Limit
						1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	18.2	17.9	18.0	0	18.2	19.3	19.5	19.3	0	19.7
				1	39	18.1	18.1	17.9	0	18.2	19.3	19.2	19.5	0	19.7
				1	77	18.1	18.0	17.9	0	18.2	19.2	19.5	19.3	0	19.7
				36	18	18.1	17.8	18.1	0	18.2	19.2	19.3	19.4	0	19.7
			QPSK	1	1	18.2	17.9	17.9	0	18.2	19.4	19.3	19.4	0	19.7
				1	39	18.0	18.0	18.1	0	18.2	19.3	19.4	19.4	0	19.7
				1	77	17.9	18.1	18.0	0	18.2	19.4	19.4	19.2	0	19.7
				36	18	17.8	18.0	17.9	0	18.2	19.3	19.4	19.2	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Tune-up Limit	371000	376500	382000	MPR	Tune-up Limit
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	1	18.0	18.0	18.1	0	18.2	19.4	19.2	19.5	0	19.7
				1	25	17.9	18.0	18.0	0	18.2	19.3	19.5	19.2	0	19.7
				1	50	17.9	18.1	18.0	0	18.2	19.3	19.2	19.3	0	19.7
				25	12	17.8	18.0	18.1	0	18.2	19.3	19.3	19.5	0	19.7
			QPSK	1	1	18.1	18.0	18.0	0	18.2	19.2	19.2	19.4	0	19.7
				1	25	17.8	18.1	17.9	0	18.2	19.4	19.3	19.5	0	19.7
				1	50	18.1	18.0	17.9	0	18.2	19.5	19.2	19.4	0	19.7
				25	12	17.9	17.9	18.0	0	18.2	19.3	19.3	19.5	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Tune-up Limit	370500	376500	382500	MPR	Tune-up Limit
						1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	17.9	18.0	17.9	0	18.2	19.4	19.3	19.2	0	19.7
				1	12	18.1	17.9	17.9	0	18.2	19.4	19.2	19.3	0	19.7
				1	23	18.0	18.0	18.1	0	18.2	19.5	19.2	19.4	0	19.7
				12	6	18.1	18.0	18.0	0	18.2	19.5	19.5	19.2	0	19.7
			QPSK	1	1	17.8	17.9	17.9	0	18.2	19.2	19.4	19.4	0	19.7
				1	12	17.8	17.9	17.9	0	18.2	19.2	19.3	19.4	0	19.7
				1	23	18.1	18.1	18.1	0	18.2	19.2	19.3	19.5	0	19.7
				12	6	18.0	17.9	18.0	0	18.2	19.4	19.5	19.4	0	19.7

NR Band 26 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	166300	[redacted]	MPR	Tune-up Limit	[redacted]	166300	[redacted]	MPR	Tune-up Limit
							831.5 MHz					831.5 MHz			
20	DFT-s	15	π/2 BPSK	1	1		25.2		0	25.7		25.2		0	25.7
				1	52		25.3		0	25.7		25.3		0	25.7
				1	104		24.8		0	25.7		24.8		0	25.7
				50	25		25.2		0	25.7		25.2		0	25.7
			QPSK	1	1		25.2		0	25.7		25.2		0	25.7
				1	52		25.3		0	25.7		25.3		0	25.7
				1	104		24.4		0	25.7		24.4		0	25.7
				50	25		25.2		0	25.7		25.2		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	166300	[redacted]	MPR	Tune-up Limit	[redacted]	166300	[redacted]	MPR	Tune-up Limit
							831.5 MHz					831.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		25.3		0	25.7		25.3		0	25.7
				1	39		25.2		0	25.7		25.2		0	25.7
				1	77		25.2		0	25.7		25.2		0	25.7
				36	18		25.2		0	25.7		25.2		0	25.7
			QPSK	1	1		25.1		0	25.7		25.1		0	25.7
				1	39		25.2		0	25.7		25.2		0	25.7
				1	77		25.1		0	25.7		25.1		0	25.7
				36	18		25.2		0	25.7		25.2		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163800	166300	168800	MPR	Tune-up Limit	163800	166300	168800	MPR	Tune-up Limit
						819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	1	25.0	25.0	25.0	0	25.7	25.0	25.0	25.0	0	25.7
				1	25	25.1	25.1	25.2	0	25.7	25.1	25.1	25.2	0	25.7
				1	50	25.0	25.0	25.1	0	25.7	25.0	25.0	25.1	0	25.7
				25	12	25.0	25.1	25.0	0	25.7	25.0	25.1	25.0	0	25.7
			QPSK	1	1	25.0	25.0	25.1	0	25.7	25.0	25.0	25.1	0	25.7
				1	25	25.1	25.1	25.0	0	25.7	25.1	25.1	25.0	0	25.7
				1	50	25.0	25.0	25.0	0	25.7	25.0	25.0	25.0	0	25.7
				25	12	25.1	25.1	25.1	0	25.7	25.1	25.1	25.1	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163300	166300	169300	MPR	Tune-up Limit	163300	166300	169300	MPR	Tune-up Limit
						816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	25.0	25.0	25.1	0	25.7	25.0	25.0	25.1	0	25.7
				1	12	25.0	25.1	25.0	0	25.7	25.0	25.1	25.0	0	25.7
				1	23	25.0	25.1	25.1	0	25.7	25.0	25.1	25.1	0	25.7
				12	6	25.0	25.1	25.0	0	25.7	25.0	25.1	25.0	0	25.7
			QPSK	1	1	25.1	25.0	25.0	0	25.7	25.1	25.0	25.0	0	25.7
				1	12	25.0	25.1	25.0	0	25.7	25.0	25.1	25.0	0	25.7
				1	23	25.0	25.1	25.0	0	25.7	25.0	25.1	25.0	0	25.7
				12	6	25.1	25.1	25.0	0	25.7	25.1	25.1	25.0	0	25.7

NR Band 26 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	166300	[redacted]	MPR	Tune-up Limit	[redacted]	166300	[redacted]	MPR	Tune-up Limit
							831.5 MHz					831.5 MHz			
20	DFT-s	15	π/2 BPSK	1	1		22.9		0	23.1		24.2		0	24.7
				1	52		23.0		0	23.1		24.2		0	24.7
				1	104		22.6		0	23.1		24.2		0	24.7
				50	25		23.0		0	23.1		24.2		0	24.7
			QPSK	1	1		22.7		0	23.1		24.2		0	24.7
				1	52		22.6		0	23.1		24.2		0	24.7
				1	104		22.5		0	23.1		24.2		0	24.7
				50	25		22.5		0	23.1		24.2		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	166300	[redacted]	MPR	Tune-up Limit	[redacted]	166300	[redacted]	MPR	Tune-up Limit
							831.5 MHz					831.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		22.6		0	23.1		24.2		0	24.7
				1	39		22.6		0	23.1		24.2		0	24.7
				1	77		22.8		0	23.1		24.2		0	24.7
				36	18		22.7		0	23.1		24.2		0	24.7
			QPSK	1	1		22.9		0	23.1		24.2		0	24.7
				1	39		22.7		0	23.1		24.2		0	24.7
				1	77		22.6		0	23.1		24.2		0	24.7
				36	18		22.7		0	23.1		24.2		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163800	166300	168800	MPR	Tune-up Limit	163800	166300	168800	MPR	Tune-up Limit
						819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	1	22.8	22.8	22.7	0	23.1	24.2	24.2	24.2	0	24.7
				1	25	22.7	22.7	22.7	0	23.1	24.2	24.2	24.2	0	24.7
				1	50	22.8	22.8	22.9	0	23.1	24.2	24.2	24.2	0	24.7
				25	12	22.7	22.8	22.8	0	23.1	24.2	24.2	24.2	0	24.7
			QPSK	1	1	22.8	22.6	22.8	0	23.1	24.2	24.2	24.2	0	24.7
				1	25	22.6	22.7	22.7	0	23.1	24.2	24.2	24.2	0	24.7
				1	50	22.6	22.8	22.8	0	23.1	24.2	24.2	24.2	0	24.7
				25	12	22.8	22.9	22.8	0	23.1	24.2	24.2	24.2	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163300	166300	169300	MPR	Tune-up Limit	163300	166300	169300	MPR	Tune-up Limit
						816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	22.9	22.7	22.9	0	23.1	24.2	24.2	24.2	0	24.7
				1	12	22.8	22.7	22.9	0	23.1	24.2	24.2	24.2	0	24.7
				1	23	22.7	22.9	22.7	0	23.1	24.2	24.2	24.2	0	24.7
				12	6	22.6	22.6	22.8	0	23.1	24.2	24.2	24.2	0	24.7
			QPSK	1	1	22.8	22.8	22.9	0	23.1	24.2	24.1	24.2	0	24.7
				1	12	22.8	22.9	22.8	0	23.1	24.2	24.2	24.2	0	24.7
				1	23	22.9	22.9	22.6	0	23.1	24.2	24.2	24.2	0	24.7
				12	6	22.7	22.8	22.7	0	23.1	24.2	24.2	24.2	0	24.7

NR Band 30 Measured Results (ANT1)

SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				462000	MPR	Tune-up Limit	462000	MPR	Tune-up Limit
				2310 MHz			2310 MHz		
15	π/2 BPSK	1	1	25.2	0	25.7	21.7	0	21.8
		1	25	25.3	0	25.7	21.8	0	21.8
		1	50	25.1	0	25.7	21.6	0	21.8
		25	12	25.2	0	25.7	21.7	0	21.8
	QPSK	1	1	25.2	0	25.7	21.7	0	21.8
		1	25	25.3	0	25.7	21.7	0	21.8
		1	50	25.1	0	25.7	21.6	0	21.8
		25	12	25.1	0	25.7	21.6	0	21.8

SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				462000	MPR	Tune-up Limit	462000	MPR	Tune-up Limit
				2310 MHz			2310 MHz		
15	π/2 BPSK	1	1	24.8	0	25.7	21.1	0	21.8
		1	12	24.9	0	25.7	21.3	0	21.8
		1	23	25.0	0	25.7	21.1	0	21.8
		12	6	24.8	0	25.7	21.2	0	21.8
	QPSK	1	1	24.8	0	25.7	21.1	0	21.8
		1	12	25.0	0	25.7	21.3	0	21.8
		1	23	24.9	0	25.7	21.2	0	21.8
		12	6	24.9	0	25.7	21.1	0	21.8

NR Band 30 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						462000	MPR	Tune-up Limit	462000	MPR	Tune-up Limit
						2310 MHz			2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1	18.6	0	19	20.1	0	20.5
				1	25	18.6	0	19	20.2	0	20.5
				1	50	18.6	0	19	20.1	0	20.5
				25	12	18.5	0	19	20.1	0	20.5
			QPSK	1	1	18.6	0	19	20.2	0	20.5
				1	25	18.6	0	19	20.2	0	20.5
				1	50	18.5	0	19	20.2	0	20.5
				25	12	18.5	0	19	20.1	0	20.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						462000	MPR	Tune-up Limit	462000	MPR	Tune-up Limit
						2310 MHz			2310 MHz		
5	DFT-s	15	π/2 BPSK	1	1	18.5	0	19	20.1	0	20.5
				1	12	18.5	0	19	20.1	0	20.5
				1	23	18.6	0	19	20.0	0	20.5
				12	6	18.6	0	19	20.0	0	20.5
			QPSK	1	1	18.5	0	19	20.1	0	20.5
				1	12	18.5	0	19	20.2	0	20.5
				1	23	18.5	0	19	20.2	0	20.5
				12	6	18.4	0	19	20.1	0	20.5

NR Band 30 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						462000 2310 MHz	MPR	Tune-up Limit	462000 2310 MHz	MPR	Tune-up Limit
10	DFT-s	15	π/2 BPSK	1	1	22.5	0	23.1	20.3	0	20.5
				1	25	22.6	0	23.1	20.4	0	20.5
				1	50	22.5	0	23.1	20.3	0	20.5
				25	12	22.5	0	23.1	20.3	0	20.5
			QPSK	1	1	22.5	0	23.1	20.3	0	20.5
				1	25	22.5	0	23.1	20.4	0	20.5
				1	50	22.5	0	23.1	20.3	0	20.5
				25	12	22.5	0	23.1	20.3	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						462000 2310 MHz	MPR	Tune-up Limit	462000 2310 MHz	MPR	Tune-up Limit
5	DFT-s	15	π/2 BPSK	1	1	22.5	0	23.1	20.3	0	20.5
				1	12	22.4	0	23.1	20.3	0	20.5
				1	23	22.5	0	23.1	20.2	0	20.5
				12	6	22.5	0	23.1	20.2	0	20.5
			QPSK	1	1	22.5	0	23.1	20.3	0	20.5
				1	12	22.4	0	23.1	20.3	0	20.5
				1	23	22.5	0	23.1	20.2	0	20.5
				12	6	22.5	0	23.1	20.2	0	20.5

NR Band 30 Measured Results (ANT4)

OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
					462000 2310 MHz	MPR	Tune-up Limit	462000 2310 MHz	MPR	Tune-up Limit
DFT-s	15	π/2 BPSK	1	1	17.9	0	18	17.9	0	18.1
			1	25	18.0	0	18	18.0	0	18.1
			1	50	17.9	0	18	17.9	0	18.1
			25	12	17.9	0	18	17.9	0	18.1
		QPSK	1	1	18.0	0	18	18.0	0	18.1
			1	25	17.6	0	18	17.6	0	18.1
			1	50	17.9	0	18	17.9	0	18.1
			25	12	17.9	0	18	17.9	0	18.1
OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
					462000 2310 MHz	MPR	Tune-up Limit	462000 2310 MHz	MPR	Tune-up Limit
DFT-s	15	π/2 BPSK	1	1	17.9	0	18	17.9	0	18.1
			1	12	18.0	0	18	18.0	0	18.1
			1	23	17.9	0	18	17.9	0	18.1
			12	6	17.8	0	18	17.8	0	18.1
		QPSK	1	1	17.7	0	18	17.7	0	18.1
			1	12	17.8	0	18	17.8	0	18.1
			1	23	17.9	0	18	17.9	0	18.1
			12	6	17.7	0	18	17.7	0	18.1

NR Band 41 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	518598	[redacted]			[redacted]	518598	[redacted]		
							2592.99 MHz					2592.99 MHz			
100	DFT-s	30	π/2 BPSK	1	1		25.2		0	25.7		19.9		0	20.3
				1	136		25.3		0	25.7		20.0		0	20.3
				1	271		25.2		0	25.7		19.9		0	20.3
				135	67		25.3		0	25.7		20.0		0	20.3
			QPSK	1	1		25.2		0	25.7		19.9		0	20.3
				1	136		24.8		0	25.7		19.8		0	20.3
				1	271		24.8		0	25.7		19.8		0	20.3
				135	67		25.2		0	25.7		19.8		0	20.3
90	DFT-s	30	π/2 BPSK	1	1		25.2		0	25.7		19.6		0	20.3
				1	122		25.0		0	25.7		19.5		0	20.3
				1	243		24.8		0	25.7		19.8		0	20.3
				121	60		24.8		0	25.7		19.8		0	20.3
			QPSK	1	1		24.8		0	25.7		19.6		0	20.3
				1	122		24.8		0	25.7		19.8		0	20.3
				1	243		24.8		0	25.7		19.7		0	20.3
				121	60		24.8		0	25.7		19.8		0	20.3
80	DFT-s	30	π/2 BPSK	1	1		25.2		0	25.7		19.8		0	20.3
				1	108		25.2		0	25.7		19.6		0	20.3
				1	215		24.8		0	25.7		19.7		0	20.3
				108	54		24.8		0	25.7		19.6		0	20.3
			QPSK	1	1		24.8		0	25.7		19.8		0	20.3
				1	108		24.8		0	25.7		19.6		0	20.3
				1	215		25.0		0	25.7		19.9		0	20.3
				108	54		25.1		0	25.7		19.6		0	20.3
70	DFT-s	30	π/2 BPSK	1	1		25.2		0	25.7		19.6		0	20.3
				1	91		25.2		0	25.7		19.5		0	20.3
				1	187		25.2		0	25.7		19.6		0	20.3
				94	47		25.2		0	25.7		19.6		0	20.3
			QPSK	1	1		25.2		0	25.7		19.7		0	20.3
				1	91		24.8		0	25.7		19.5		0	20.3
				1	187		24.8		0	25.7		19.8		0	20.3
				94	47		25.2		0	25.7		19.6		0	20.3
60	DFT-s	30	π/2 BPSK	1	1		24.9		0	25.7		19.6		0	20.3
				1	80		24.9		0	25.7		19.8		0	20.3
				1	160		24.9		0	25.7		19.5		0	20.3
				81	40		24.8		0	25.7		19.8		0	20.3
			QPSK	1	1		24.8		0	25.7		19.7		0	20.3
				1	80		24.8		0	25.7		19.5		0	20.3
				1	160		25.2		0	25.7		19.8		0	20.3
				81	40		24.9		0	25.7		19.8		0	20.3
50	DFT-s	30	π/2 BPSK	1	1		25.0		0	25.7		19.6		0	20.3
				1	66		24.9		0	25.7		19.7		0	20.3
				1	131		25.2		0	25.7		19.5		0	20.3
				64	32		24.8		0	25.7		19.7		0	20.3
			QPSK	1	1		24.9		0	25.7		19.7		0	20.3
				1	66		24.8		0	25.7		19.8		0	20.3
				1	131		24.9		0	25.7		19.5		0	20.3
				64	32		24.9		0	25.7		19.8		0	20.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						503196	510900	518598	526296	533994			503196	510900	518598	526296	533994		
						2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	25.0	25.0	24.8	24.7	24.7	0	25.7	19.6	19.5	19.5	19.7	19.7	0	20.3
				1	52	24.9	24.7	24.7	24.7	24.9	0	25.7	19.7	19.7	19.5	19.7	19.7	0	20.3
				1	104	24.8	24.9	25.0	24.9	24.7	0	25.7	19.6	19.6	19.7	19.7	19.7	0	20.3
				50	25	24.7	25.0	24.7	24.7	24.8	0	25.7	19.8	19.7	19.5	19.7	19.7	0	20.3
			QPSK	1	1	25.0	25.0	24.8	24.8	25.0	0	25.7	19.6	19.6	19.5	19.7	19.5	0	20.3
				1	52	24.7	24.7	24.8	24.9	24.9	0	25.7	19.6	19.8	19.8	19.6	19.6	0	20.3
				1	104	24.9	24.9	24.9	25.0	24.8	0	25.7	19.6	19.7	19.5	19.6	19.6	0	20.3
				50	25	25.0	25.0	24.8	25.0	24.8	0	25.7	19.6	19.6	19.6	19.6	19.7	0	20.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						502200	510396	518598	526800	534996			502200	510396	518598	526800	534996		
						2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz			2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	24.9	24.9	24.8	25.0	25.0	0	25.7	19.4	19.5	19.4	19.4	19.4	0	20.3
				1	38	24.9	24.9	24.8	24.9	24.9	0	25.7	19.8	19.8	19.7	19.4	19.4	0	20.3
				1	76	25.0	25.1	24.8	25.0	25.0	0	25.7	19.4	19.8	19.8	19.4	19.4	0	20.3
				36	18	24.8	24.9	24.8	24.9	24.9	0	25.7	19.4	19.4	19.8	19.4	19.4	0	20.3
			QPSK	1	1	24.9	24.9	24.9	24.9	24.9	0	25.7	19.5	19.4	19.8	19.4	19.4	0	20.3
				1	38	24.8	24.8	24.8	24.9	24.9	0	25.7	19.8	19.4	19.8	19.4	19.4	0	20.3
				1	76	24.9	25.0	25.1	25.0	25.0	0	25.7	19.8	19.4	19.4	19.4	19.4	0	20.3
				36	18	24.9	24.8	24.8	24.8	24.8	0	25.7	19.4	19.8	19.7	19.4	19.4	0	20.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						501198	509898	518598	527298	535998			501198	509898	518598	527298	535998		
						2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz			2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	24.8	24.9	25.0	24.8	24.9	0	25.7	19.5	19.6	19.7	19.6	19.6	0	20.3
				1	25	24.9	24.9	25.0	24.8	25.0	0	25.7	19.8	19.6	19.7	19.6	19.8	0	20.3
				1	49	24.7	24.7	24.9	24.8	24.8	0	25.7	19.7	19.5	19.7	19.7	19.6	0	20.3
				25	12	24.7	24.7	24.8	25.0	25.0	0	25.7	19.5	19.5	19.6	19.8	19.6	0	20.3
			QPSK	1	1	24.8	24.8	24.8	24.8	24.9	0	25.7	19.7	19.6	19.7	19.8	19.7	0	20.3
				1	25	24.7	24.8	24.7	24.8	24.8	0	25.7	19.5	19.8	19.6	19.5	19.7	0	20.3
				1	49	24.7	25.0	24.9	25.0	24.8	0	25.7	19.8	19.6	19.7	19.5	19.7	0	20.3
				25	12	24.8	24.8	24.9	25.0	24.9	0	25.7	19.8	19.8	19.6	19.6	19.8	0	20.3

NR Band 41 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598	MPR	Tune-up Limit		518598	MPR	Tune-up Limit	
						2592.99 MHz				2592.99 MHz			
100	DFT-s	30	π/2 BPSK	1	1	16.2	0	16.7		17.2	0	17.8	
				1	136	16.2	0	16.7		17.3	0	17.8	
				1	271	16.2	0	16.7		17.2	0	17.8	
				135	67	16.2	0	16.7		17.2	0	17.8	
			QPSK	1	1	16.2	0	16.7		17.3	0	17.8	
				1	136	16.2	0	16.7		17.3	0	17.8	
				1	271	16.2	0	16.7		17.3	0	17.8	
				135	67	16.2	0	16.7		17.3	0	17.8	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598	MPR	Tune-up Limit		518598	MPR	Tune-up Limit	
						2592.99 MHz				2592.99 MHz			
90	DFT-s	30	π/2 BPSK	1	1	16.2	0	16.7		17.3	0	17.8	
				1	122	16.2	0	16.7		17.3	0	17.8	
				1	243	16.2	0	16.7		17.3	0	17.8	
				121	60	16.2	0	16.7		17.3	0	17.8	
			QPSK	1	1	16.2	0	16.7		17.3	0	17.8	
				1	122	16.2	0	16.7		17.3	0	17.8	
				1	243	16.2	0	16.7		17.3	0	17.8	
				121	60	16.2	0	16.7		17.3	0	17.8	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598	MPR	Tune-up Limit		518598	MPR	Tune-up Limit	
						2592.99 MHz				2592.99 MHz			
80	DFT-s	30	π/2 BPSK	1	1	16.2	0	16.7		17.3	0	17.8	
				1	108	16.2	0	16.7		17.3	0	17.8	
				1	215	16.2	0	16.7		17.3	0	17.8	
				108	54	16.2	0	16.7		17.3	0	17.8	
			QPSK	1	1	16.2	0	16.7		17.3	0	17.8	
				1	108	16.2	0	16.7		17.3	0	17.8	
				1	215	16.2	0	16.7		17.3	0	17.8	
				108	54	16.2	0	16.7		17.3	0	17.8	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598	MPR	Tune-up Limit		518598	MPR	Tune-up Limit	
						2592.99 MHz				2592.99 MHz			
70	DFT-s	30	π/2 BPSK	1	1	16.2	0	16.7		17.3	0	17.8	
				1	91	16.2	0	16.7		17.3	0	17.8	
				1	187	16.2	0	16.7		17.3	0	17.8	
				94	47	16.2	0	16.7		17.3	0	17.8	
			QPSK	1	1	16.2	0	16.7		17.3	0	17.8	
				1	91	16.2	0	16.7		17.3	0	17.8	
				1	187	16.2	0	16.7		17.3	0	17.8	
				94	47	16.2	0	16.7		17.3	0	17.8	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598	MPR	Tune-up Limit		518598	MPR	Tune-up Limit	
						2592.99 MHz				2592.99 MHz			
60	DFT-s	30	π/2 BPSK	1	1	16.2	0	16.7		17.3	0	17.8	
				1	80	16.2	0	16.7		17.3	0	17.8	
				1	160	16.2	0	16.7		17.3	0	17.8	
				81	40	16.2	0	16.7		17.3	0	17.8	
			QPSK	1	1	16.2	0	16.7		17.3	0	17.8	
				1	80	16.2	0	16.7		17.3	0	17.8	
				1	160	16.2	0	16.7		17.3	0	17.8	
				81	40	16.2	0	16.7		17.3	0	17.8	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598	MPR	Tune-up Limit		518598	MPR	Tune-up Limit	
						2592.99 MHz				2592.99 MHz			
50	DFT-s	30	π/2 BPSK	1	1	16.2	0	16.7		17.3	0	17.8	
				1	66	16.2	0	16.7		17.3	0	17.8	
				1	131	16.2	0	16.7		17.3	0	17.8	
				64	32	16.2	0	16.7		17.3	0	17.8	
			QPSK	1	1	16.2	0	16.7		17.3	0	17.8	
				1	66	16.2	0	16.7		17.3	0	17.8	
				1	131	16.2	0	16.7		17.3	0	17.8	
				64	32	16.2	0	16.7		17.3	0	17.8	
BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)							
						503196	510900	518598	526296	533994	MPR	Tune-up Limit	503196	510900	518598	526296	533994	MPR	Tune-up Limit
						2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				1	52	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.2	0	17.8
				1	104	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				50	25	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.2	17.3	17.3	17.2	0	17.8
			QPSK	1	1	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				1	52	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.2	0	17.8
				1	104	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				50	25	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)							
						502200	510396	518598	526800	534996	MPR	Tune-up Limit	502200	510396	518598	526800	534996	MPR	Tune-up Limit
						2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz			2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				1	38	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				1	76	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				36	18	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
			QPSK	1	1	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.2	0	17.8
				1	38	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				1	76	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				36	18	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)							
						501198	509898	518598	527298	535998	MPR	Tune-up Limit	501198	509898	518598	527298	535998	MPR	Tune-up Limit
						2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz			2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.2	17.3	17.3	17.3	0	17.8
				1	25	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				1	49	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				25	12	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.2	17.3	0	17.8
			QPSK	1	1	16.2	16.2	16.2	16.1	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				1	25	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				1	49	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.3	17.3	0	17.8
				25	12	16.2	16.2	16.2	16.2	16.2	0	16.7	17.3	17.3	17.3	17.2	17.3	0	17.8

NR Band 41 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	518598	MPR	Tune-up Limit	[redacted]	518598	MPR	Tune-up Limit
							2592.99 MHz				2592.99 MHz		
100	DFT-s	30	π/2 BPSK	1	1		22.8	0	23.4		18.4	0	18.8
				1	136		23.0	0	23.4		18.5	0	18.8
				1	271		22.7	0	23.4		18.2	0	18.8
				135	67		23.0	0	23.4		18.5	0	18.8
			QPSK	1	1		23.0	0	23.4		18.5	0	18.8
				1	136		22.7	0	23.4		18.3	0	18.8
				1	271		22.8	0	23.4		18.3	0	18.8
				135	67		22.5	0	23.4		18.0	0	18.8
90	DFT-s	30	π/2 BPSK	1	1		22.7	0	23.4		18.5	0	18.8
				1	122		22.8	0	23.4		18.1	0	18.8
				1	243		22.8	0	23.4		18.1	0	18.8
				121	60		23.0	0	23.4		18.2	0	18.8
			QPSK	1	1		22.8	0	23.4		18.5	0	18.8
				1	122		22.8	0	23.4		18.1	0	18.8
				1	243		23.0	0	23.4		18.1	0	18.8
				121	60		23.0	0	23.4		18.2	0	18.8
80	DFT-s	30	π/2 BPSK	1	1		23.0	0	23.4		18.3	0	18.8
				1	108		23.0	0	23.4		18.2	0	18.8
				1	215		23.0	0	23.4		18.2	0	18.8
				108	54		22.9	0	23.4		18.3	0	18.8
			QPSK	1	1		23.0	0	23.4		18.3	0	18.8
				1	108		22.9	0	23.4		18.1	0	18.8
				1	215		22.9	0	23.4		18.5	0	18.8
				108	54		23.0	0	23.4		18.5	0	18.8
70	DFT-s	30	π/2 BPSK	1	1		23.0	0	23.4		18.1	0	18.8
				1	91		23.0	0	23.4		18.3	0	18.8
				1	187		23.0	0	23.4		18.3	0	18.8
				94	47		22.9	0	23.4		18.5	0	18.8
			QPSK	1	1		23.0	0	23.4		18.2	0	18.8
				1	91		23.0	0	23.4		18.3	0	18.8
				1	187		22.9	0	23.4		18.3	0	18.8
				94	47		23.0	0	23.4		18.2	0	18.8
60	DFT-s	30	π/2 BPSK	1	1		23.0	0	23.4		18.2	0	18.8
				1	80		23.0	0	23.4		18.2	0	18.8
				1	160		22.9	0	23.4		18.3	0	18.8
				81	40		22.8	0	23.4		18.2	0	18.8
			QPSK	1	1		23.0	0	23.4		18.4	0	18.8
				1	80		23.0	0	23.4		18.2	0	18.8
				1	160		22.8	0	23.4		18.3	0	18.8
				81	40		22.8	0	23.4		18.4	0	18.8
50	DFT-s	30	π/2 BPSK	1	1		23.0	0	23.4		18.4	0	18.8
				1	66		23.0	0	23.4		18.3	0	18.8
				1	131		22.9	0	23.4		18.5	0	18.8
				64	32		23.0	0	23.4		18.5	0	18.8
			QPSK	1	1		23.0	0	23.4		18.2	0	18.8
				1	66		22.8	0	23.4		18.3	0	18.8
				1	131		22.8	0	23.4		18.2	0	18.8
				64	32		22.9	0	23.4		18.4	0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						503196	510900	518598	526296	533994	MPR	Tune-up Limit	503196	510900	518598	526296	533994	MPR	Tune-up Limit
						2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	23.0	23.0	23.0	23.0	23.0	0	23.4	18.4	18.4	18.4	18.2	18.5	0	18.8
				1	52	22.9	23.0	22.9	23.0	23.0	0	23.4	18.2	18.4	18.4	18.2	18.3	0	18.8
				1	104	23.0	23.0	23.0	22.9	22.9	0	23.4	18.4	18.4	18.3	18.4	18.2	0	18.8
				50	25	23.0	22.9	23.0	23.0	23.0	0	23.4	18.3	18.3	18.1	18.3	18.3	0	18.8
			QPSK	1	1	23.0	23.0	22.9	22.9	23.0	0	23.4	18.4	18.3	18.3	18.4	18.4	0	18.8
				1	52	22.9	23.0	23.0	23.0	23.0	0	23.4	18.3	18.5	18.3	18.4	18.2	0	18.8
				1	104	23.0	22.9	23.0	23.0	22.9	0	23.4	18.2	18.4	18.1	18.5	18.5	0	18.8
				50	25	23.0	23.0	23.0	23.0	23.0	0	23.4	18.1	18.4	18.5	18.4	18.2	0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						502200	510396	518598	526800	534996	MPR	Tune-up Limit	502200	510396	518598	526800	534996	MPR	Tune-up Limit
						2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz			2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	22.9	22.8	22.9	22.8	22.8	0	23.4	18.3	18.3	18.4	18.2	18.3	0	18.8
				1	38	22.8	22.8	22.8	22.9	22.7	0	23.4	18.3	18.4	18.1	18.4	18.4	0	18.8
				1	76	22.8	22.8	22.7	22.9	22.9	0	23.4	18.4	18.3	18.2	18.3	18.2	0	18.8
				36	18	22.8	22.8	22.9	23.0	22.9	0	23.4	18.3	18.3	18.4	18.4	18.3	0	18.8
			QPSK	1	1	22.9	22.7	23.0	22.8	23.0	0	23.4	18.2	18.2	18.2	18.3	18.4	0	18.8
				1	38	22.7	22.9	22.8	22.8	22.8	0	23.4	18.5	18.5	18.4	18.1	18.3	0	18.8
				1	76	22.7	22.8	22.7	22.7	23.0	0	23.4	18.4	18.4	18.2	18.2	18.2	0	18.8
				36	18	22.8	22.9	22.8	23.0	22.9	0	23.4	18.4	18.3	18.5	18.1	18.4	0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						501198	509898	518598	527298	535998	MPR	Tune-up Limit	501198	509898	518598	527298	535998	MPR	Tune-up Limit
						2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz			2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	23.0	22.8	22.9	23.0	22.7	0	23.4	18.3	18.2	18.3	18.2	18.4	0	18.8
				1	25	22.9	22.9	22.8	22.9	23.0	0	23.4	18.3	18.2	18.5	18.2	18.4	0	18.8
				1	49	22.9	22.7	22.7	23.0	22.9	0	23.4	18.1	18.2	18.5	18.4	18.4	0	18.8
				25	12	22.9	22.9	22.7	22.7	22.8	0	23.4	18.4	18.2	18.2	18.3	18.2	0	18.8
			QPSK	1	1	22.9	22.8	22.8	23.0	22.8	0	23.4	18.5	18.3	18.4	18.1	18.2	0	18.8
				1	25	22.7	22.7	22.8	22.9	22.8	0	23.4	18.2	18.3	18.3	18.3	18.3	0	18.8
				1	49	22.8	22.7	22.8	22.7	22.7	0	23.4	18.2	18.4	18.5	18.5	18.3	0	18.8
				25	12	22.7	22.9	22.9	22.9	22.9	0	23.4	18.5	18.2	18.1	18.4	18.5	0	18.8

NR Band 41 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	518598	[redacted]			[redacted]	518598	[redacted]		
							2592.99 MHz					2592.99 MHz			
100	DFT-s	30	π/2 BPSK	1	1		17.4		0	17.7		18.5		0	19
				1	136		17.4		0	17.7		18.5		0	19
				1	271		17.4		0	17.7		18.5		0	19
				135	67		17.4		0	17.7		18.5		0	19
			QPSK	1	1		17.4		0	17.7		18.5		0	19
				1	136		17.4		0	17.7		18.5		0	19
				1	271		17.4		0	17.7		18.5		0	19
				135	67		17.4		0	17.7		18.5		0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	518598	[redacted]			[redacted]	518598	[redacted]		
							2592.99 MHz					2592.99 MHz			
90	DFT-s	30	π/2 BPSK	1	1		17.1		0	17.7		18.4		0	19
				1	122		17.3		0	17.7		18.2		0	19
				1	243		17.3		0	17.7		18.3		0	19
				121	60		17.2		0	17.7		18.3		0	19
			QPSK	1	1		17.3		0	17.7		18.4		0	19
				1	122		17.3		0	17.7		18.2		0	19
				1	243		17.3		0	17.7		18.5		0	19
				121	60		17.1		0	17.7		18.4		0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	518598	[redacted]			[redacted]	518598	[redacted]		
							2592.99 MHz					2592.99 MHz			
80	DFT-s	30	π/2 BPSK	1	1		17.2		0	17.7		18.1		0	19
				1	108		17.1		0	17.7		18.2		0	19
				1	215		17.4		0	17.7		18.4		0	19
				108	54		17.2		0	17.7		18.3		0	19
			QPSK	1	1		17.2		0	17.7		18.2		0	19
				1	108		17.2		0	17.7		18.4		0	19
				1	215		17.2		0	17.7		18.3		0	19
				108	54		17.2		0	17.7		18.4		0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	518598	[redacted]			[redacted]	518598	[redacted]		
							2592.99 MHz					2592.99 MHz			
70	DFT-s	30	π/2 BPSK	1	1		17.2		0	17.7		18.2		0	19
				1	91		17.2		0	17.7		18.1		0	19
				1	187		17.4		0	17.7		18.1		0	19
				94	47		17.2		0	17.7		18.4		0	19
			QPSK	1	1		17.3		0	17.7		18.4		0	19
				1	91		17.2		0	17.7		18.3		0	19
				1	187		17.3		0	17.7		18.5		0	19
				94	47		17.1		0	17.7		18.3		0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	518598	[redacted]			[redacted]	518598	[redacted]		
							2592.99 MHz					2592.99 MHz			
60	DFT-s	30	π/2 BPSK	1	1		17.3		0	17.7		18.2		0	19
				1	80		17.3		0	17.7		18.3		0	19
				1	160		17.2		0	17.7		18.2		0	19
				81	40		17.3		0	17.7		18.4		0	19
			QPSK	1	1		17.3		0	17.7		18.3		0	19
				1	80		17.2		0	17.7		18.1		0	19
				1	160		17.1		0	17.7		18.4		0	19
				81	40		17.3		0	17.7		18.3		0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	518598	[redacted]			[redacted]	518598	[redacted]		
							2592.99 MHz					2592.99 MHz			
50	DFT-s	30	π/2 BPSK	1	1		17.2		0	17.7		18.5		0	19
				1	66		17.2		0	17.7		18.3		0	19
				1	131		17.3		0	17.7		18.3		0	19
				64	32		17.2		0	17.7		18.4		0	19
			QPSK	1	1		17.3		0	17.7		18.3		0	19
				1	66		17.2		0	17.7		18.2		0	19
				1	131		17.3		0	17.7		18.5		0	19
				64	32		17.3		0	17.7		18.5		0	19

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						503196	510900	518598	526296	533994			503196	510900	518598	526296	533994		
						2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	17.3	17.3	17.3	17.3	17.3	0	17.7	18.1	18.4	18.3	18.5	18.1	0	19
				1	52	17.1	17.2	17.2	17.2	17.2	0	17.7	18.1	18.4	18.4	18.4	18.2	0	19
				1	104	17.2	17.3	17.4	17.3	17.4	0	17.7	18.4	18.2	18.3	18.3	18.4	0	19
				50	25	17.4	17.4	17.1	17.3	17.4	0	17.7	18.4	18.2	18.2	18.2	18.4	0	19
			QPSK	1	1	17.1	17.3	17.1	17.1	17.2	0	17.7	18.5	18.3	18.3	18.5	18.3	0	19
				1	52	17.1	17.3	17.2	17.4	17.4	0	17.7	18.4	18.2	18.4	18.2	18.2	0	19
				1	104	17.2	17.3	17.2	17.2	17.2	0	17.7	18.3	18.4	18.1	18.3	18.5	0	19
				50	25	17.4	17.3	17.3	17.4	17.3	0	17.7	18.2	18.2	18.3	18.1	18.1	0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						502200	510396	518598	526800	534996			502200	510396	518598	526800	534996		
						2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz			2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	17.1	17.2	17.3	17.2	17.2	0	17.7	18.4	18.2	18.4	18.3	18.1	0	19
				1	38	17.3	17.3	17.3	17.4	17.2	0	17.7	18.2	18.1	18.2	18.4	18.5	0	19
				1	76	17.3	17.1	17.4	17.1	17.4	0	17.7	18.1	18.2	18.3	18.2	18.5	0	19
				36	18	17.2	17.1	17.4	17.3	17.2	0	17.7	18.5	18.1	18.3	18.4	18.1	0	19
			QPSK	1	1	17.4	17.3	17.4	17.2	17.2	0	17.7	18.2	18.4	18.3	18.3	18.2	0	19
				1	38	17.1	17.2	17.3	17.4	17.4	0	17.7	18.3	18.1	18.3	18.5	18.2	0	19
				1	76	17.1	17.2	17.3	17.2	17.3	0	17.7	18.2	18.4	18.4	18.4	18.2	0	19
				36	18	17.2	17.3	17.3	17.1	17.2	0	17.7	18.3	18.2	18.5	18.3	18.1	0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						501198	509898	518598	527298	535998			501198	509898	518598	527298	535998		
						2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz			2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	17.3	17.3	17.4	17.1	17.3	0	17.7	18.3	18.2	18.1	18.4	18.4	0	19
				1	25	17.3	17.2	17.4	17.3	17.2	0	17.7	18.3	18.5	18.3	18.4	18.4	0	19
				1	49	17.3	17.2	17.2	17.2	17.2	0	17.7	18.4	18.5	18.2	18.4	18.2	0	19
				25	12	17.4	17.2	17.2	17.3	17.3	0	17.7	18.4	18.3	18.1	18.1	18.3	0	19
			QPSK	1	1	17.3	17.4	17.4	17.3	17.3	0	17.7	18.5	18.4	18.5	18.2	18.2	0	19
				1	25	17.3	17.1	17.3	17.1	17.3	0	17.7	18.3	18.1	18.3	18.3	18.3	0	19
				1	49	17.4	17.3	17.1	17.2	17.3	0	17.7	18.2	18.3	18.3	18.3	18.1	0	19
				25	12	17.3	17.3	17.3	17.3	17.1	0	17.7	18.1	18.1	18.5	18.3	18.5	0	19

NR Band 53 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	497860 / 2489.3 MHz	[redacted]	MPR / Tune-up Limit	[redacted]	497860 / 2489.3 MHz	[redacted]	MPR / Tune-up Limit
10	DFT-s	30	π/2 BPSK	1	1		19.8		0 / 20.7		18.3		0 / 18.9
				1	11		20.0		0 / 20.7		18.4		0 / 18.9
				1	22		19.9		0 / 20.7		18.4		0 / 18.9
				12	6		19.9		0 / 20.7		18.3		0 / 18.9
			QPSK	1	1		19.9		0 / 20.7		18.3		0 / 18.9
				1	11		19.9		0 / 20.7		18.4		0 / 18.9
				1	22		19.9		0 / 20.7		18.3		0 / 18.9
				12	6		19.8		0 / 20.7		18.3		0 / 18.9

NR Band 53 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	497860 / 2489.3 MHz	[redacted]	MPR / Tune-up Limit	[redacted]	497860 / 2489.3 MHz	[redacted]	MPR / Tune-up Limit
10	DFT-s	30	π/2 BPSK	1	1		15.0		0 / 15.6		17.0		0 / 17.5
				1	11		15.1		0 / 15.6		17.2		0 / 17.5
				1	22		15.1		0 / 15.6		17.1		0 / 17.5
				12	6		15.0		0 / 15.6		17.1		0 / 17.5
			QPSK	1	1		15.1		0 / 15.6		17.0		0 / 17.5
				1	11		15.1		0 / 15.6		17.1		0 / 17.5
				1	22		15.1		0 / 15.6		17.2		0 / 17.5
				12	6		15.0		0 / 15.6		17.1		0 / 17.5

NR Band 66 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	349000	[redacted]	MPR	Tune-up Limit	[redacted]	349000	[redacted]	MPR	Tune-up Limit
							1745 MHz					1745 MHz			
40	DFT-s	15	π/2 BPSK	1	1		23.5		0	23.7		17.1		0	17.4
				1	107		23.5		0	23.7		17.2		0	17.4
				1	214		23.4		0	23.7		17.1		0	17.4
				108	54		23.5		0	23.7		17.2		0	17.4
			QPSK	1	1		23.4		0	23.7		17.2		0	17.4
				1	107		23.5		0	23.7		17.2		0	17.4
				1	214		23.4		0	23.7		17.1		0	17.4
				108	54		23.5		0	23.7		17.2		0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	349000	[redacted]	MPR	Tune-up Limit	[redacted]	349000	[redacted]	MPR	Tune-up Limit
							1745 MHz					1745 MHz			
30	DFT-s	15	π/2 BPSK	1	1		23.1		0	23.7		16.6		0	17.4
				1	79		23.3		0	23.7		16.9		0	17.4
				1	158		23.3		0	23.7		16.7		0	17.4
				80	40		23.1		0	23.7		16.8		0	17.4
			QPSK	1	1		23.1		0	23.7		16.5		0	17.4
				1	79		23.3		0	23.7		16.5		0	17.4
				1	158		23.3		0	23.7		16.7		0	17.4
				80	40		23.2		0	23.7		16.8		0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Tune-up Limit	344000	349000	354000	MPR	Tune-up Limit
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	1	23.2	23.1	23.0	0	23.7	16.9	16.9	16.8	0	17.4
				1	52	23.2	23.2	23.2	0	23.7	16.8	16.9	16.8	0	17.4
				1	104	23.2	23.1	23.1	0	23.7	16.8	16.9	16.7	0	17.4
				50	25	23.0	23.2	23.1	0	23.7	16.9	16.8	16.7	0	17.4
			QPSK	1	1	23.3	23.1	23.0	0	23.7	16.9	16.8	16.9	0	17.4
				1	52	23.2	23.0	23.0	0	23.7	16.8	16.7	16.7	0	17.4
				1	104	23.1	23.1	23.0	0	23.7	16.7	16.7	16.7	0	17.4
				50	25	23.2	23.1	23.2	0	23.7	16.9	16.7	16.7	0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Tune-up Limit	343500	349000	354500	MPR	Tune-up Limit
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	23.0	23.1	23.1	0	23.7	16.9	16.9	16.9	0	17.4
				1	39	23.2	23.1	23.1	0	23.7	16.7	16.9	16.9	0	17.4
				1	77	23.2	23.0	23.2	0	23.7	16.7	16.9	16.9	0	17.4
				36	18	23.2	23.0	23.0	0	23.7	16.7	16.9	16.9	0	17.4
			QPSK	1	1	23.2	23.1	23.0	0	23.7	16.9	16.7	16.9	0	17.4
				1	39	23.0	23.2	23.0	0	23.7	16.7	16.7	16.8	0	17.4
				1	77	23.1	23.1	23.2	0	23.7	16.8	16.9	16.8	0	17.4
				36	18	23.1	23.0	23.2	0	23.7	16.7	16.9	16.8	0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Tune-up Limit	343000	349000	355000	MPR	Tune-up Limit
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	1	23.1	23.1	23.1	0	23.7	16.8	16.9	16.8	0	17.4
				1	25	23.2	23.2	23.0	0	23.7	16.8	16.9	16.8	0	17.4
				1	50	23.0	23.2	23.2	0	23.7	16.7	16.9	16.9	0	17.4
				25	12	23.0	23.0	23.2	0	23.7	16.7	16.9	16.9	0	17.4
			QPSK	1	1	23.2	23.2	23.0	0	23.7	16.7	16.8	16.7	0	17.4
				1	25	23.2	23.2	23.2	0	23.7	16.8	16.9	16.9	0	17.4
				1	50	23.0	23.2	23.0	0	23.7	16.7	16.8	16.8	0	17.4
				25	12	23.1	23.0	23.2	0	23.7	16.8	16.8	16.9	0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Tune-up Limit	342500	349000	355500	MPR	Tune-up Limit
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	23.2	23.1	23.2	0	23.7	16.7	16.8	16.8	0	17.4
				1	12	23.2	23.2	23.0	0	23.7	16.7	16.9	16.8	0	17.4
				1	23	23.2	23.2	23.2	0	23.7	16.9	16.9	16.9	0	17.4
				12	6	23.1	23.2	23.2	0	23.7	16.9	16.7	16.8	0	17.4
			QPSK	1	1	23.2	23.2	23.1	0	23.7	16.7	16.9	16.7	0	17.4
				1	12	23.0	23.0	23.1	0	23.7	16.7	16.8	16.7	0	17.4
				1	23	23.0	23.1	23.0	0	23.7	16.7	16.7	16.7	0	17.4
				12	6	23.2	23.0	23.0	0	23.7	16.8	16.7	16.7	0	17.4

NR Band 66 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	349000	[redacted]			[redacted]	349000	[redacted]		
							1745 MHz					1745 MHz			
40	DFT-s	15	π/2 BPSK	1	1		20.1		0	20.5		20.2		0	20.7
				1	107		20.1		0	20.5		20.3		0	20.7
				1	214		20.0		0	20.5		20.2		0	20.7
				108	54		20.1		0	20.5		20.2		0	20.7
			QPSK	1	1		20.1		0	20.5		20.1		0	20.7
				1	107		20.0		0	20.5		20.3		0	20.7
				1	214		19.9		0	20.5		20.2		0	20.7
				108	54		19.9		0	20.5		20.1		0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	349000	[redacted]			[redacted]	349000	[redacted]		
							1745 MHz					1745 MHz			
30	DFT-s	15	π/2 BPSK	1	1		20.0		0	20.5		20.2		0	20.7
				1	79		20.1		0	20.5		20.3		0	20.7
				1	158		20.0		0	20.5		20.2		0	20.7
				80	40		20.1		0	20.5		20.0		0	20.7
			QPSK	1	1		20.1		0	20.5		20.1		0	20.7
				1	79		19.9		0	20.5		20.3		0	20.7
				1	158		19.9		0	20.5		20.2		0	20.7
				80	40		20.0		0	20.5		20.1		0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						344000	349000	354000			344000	349000	354000		
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	1	20.0	19.9	20.0	0	20.5	20.1	20.1	20.2	0	20.7
				1	52	20.1	19.9	19.9	0	20.5	20.2	20.0	20.2	0	20.7
				1	104	19.9	20.0	20.0	0	20.5	20.1	20.3	20.2	0	20.7
				50	25	20.0	20.0	19.9	0	20.5	20.1	20.1	20.2	0	20.7
			QPSK	1	1	20.0	19.9	19.9	0	20.5	20.1	20.1	20.0	0	20.7
				1	52	20.0	20.1	20.0	0	20.5	20.0	20.1	20.1	0	20.7
				1	104	20.0	19.9	20.1	0	20.5	20.1	20.1	20.1	0	20.7
				50	25	20.0	19.9	20.0	0	20.5	20.1	20.1	20.3	0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						343500	349000	354500			343500	349000	354500		
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	19.9	20.1	19.9	0	20.5	20.1	20.0	20.2	0	20.7
				1	39	20.1	19.9	20.0	0	20.5	20.2	20.0	20.2	0	20.7
				1	77	20.1	20.1	20.0	0	20.5	20.3	20.1	20.0	0	20.7
				36	18	20.0	20.0	20.0	0	20.5	20.0	20.1	20.0	0	20.7
			QPSK	1	1	19.9	20.0	20.0	0	20.5	20.3	20.1	20.0	0	20.7
				1	39	19.9	19.9	20.0	0	20.5	20.0	20.3	20.2	0	20.7
				1	77	20.1	20.1	20.1	0	20.5	20.1	20.0	20.1	0	20.7
				36	18	19.9	20.1	20.1	0	20.5	20.1	20.1	20.2	0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						343000	349000	355000			343000	349000	355000		
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	1	19.9	19.9	20.0	0	20.5	20.2	20.1	20.3	0	20.7
				1	25	20.1	20.0	20.0	0	20.5	20.1	20.1	20.2	0	20.7
				1	50	20.1	19.9	20.0	0	20.5	20.0	20.1	20.1	0	20.7
				25	12	20.0	20.0	19.9	0	20.5	20.1	20.3	20.2	0	20.7
			QPSK	1	1	20.1	20.0	19.9	0	20.5	20.2	20.1	20.3	0	20.7
				1	25	20.0	20.0	20.0	0	20.5	20.1	20.0	20.2	0	20.7
				1	50	20.0	19.9	20.1	0	20.5	20.2	20.1	20.0	0	20.7
				25	12	20.0	20.1	20.0	0	20.5	20.2	20.2	20.0	0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						342500	349000	355500			342500	349000	355500		
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	20.0	19.9	20.1	0	20.5	20.1	20.2	20.0	0	20.7
				1	12	20.0	20.0	19.9	0	20.5	20.2	20.2	20.1	0	20.7
				1	23	20.0	20.0	20.1	0	20.5	20.0	20.2	20.2	0	20.7
				12	6	20.0	19.9	20.0	0	20.5	20.1	20.3	20.3	0	20.7
			QPSK	1	1	20.0	19.9	20.0	0	20.5	20.2	20.2	20.2	0	20.7
				1	12	20.1	20.0	20.1	0	20.5	20.0	20.1	20.1	0	20.7
				1	23	20.0	20.0	20.1	0	20.5	20.2	20.3	20.1	0	20.7
				12	6	20.0	19.9	20.0	0	20.5	20.2	20.1	20.2	0	20.7

NR Band 66 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	349000	[redacted]			[redacted]	349000	[redacted]		
							1745 MHz					1745 MHz			
40	DFT-s	15	π/2 BPSK	1	1		24.3		0	24.8		20.7		0	21
				1	107		24.3		0	24.8		20.7		0	21
				1	214		24.3		0	24.8		20.6		0	21
				108	54		24.3		0	24.8		20.7		0	21
			QPSK	1	1		24.3		0	24.8		20.7		0	21
				1	107		24.3		0	24.8		20.7		0	21
				1	214		24.3		0	24.8		20.6		0	21
				108	54		24.3		0	24.8		20.7		0	21

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	349000	[redacted]			[redacted]	349000	[redacted]		
							1745 MHz					1745 MHz			
30	DFT-s	15	π/2 BPSK	1	1		24.3		0	24.8		20.7		0	21
				1	79		24.3		0	24.8		20.7		0	21
				1	158		24.3		0	24.8		20.7		0	21
				80	40		24.3		0	24.8		20.7		0	21
			QPSK	1	1		24.3		0	24.8		20.7		0	21
				1	79		24.3		0	24.8		20.6		0	21
				1	158		24.3		0	24.8		20.7		0	21
				80	40		24.3		0	24.8		20.7		0	21

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						344000	349000	354000			344000	349000	354000		
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	1	24.3	24.3	24.3	0	24.8	20.6	20.5	20.5	0	21
				1	52	24.3	24.3	24.3	0	24.8	20.5	20.5	20.5	0	21
				1	104	24.3	24.3	24.3	0	24.8	20.5	20.5	20.5	0	21
				50	25	24.3	24.3	24.3	0	24.8	20.5	20.5	20.5	0	21
			QPSK	1	1	24.3	24.3	24.2	0	24.8	20.7	20.6	20.6	0	21
				1	52	24.3	24.3	24.3	0	24.8	20.5	20.5	20.6	0	21
				1	104	24.3	24.3	24.3	0	24.8	20.5	20.6	20.6	0	21
				50	25	24.3	24.3	24.3	0	24.8	20.5	20.6	20.5	0	21

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						343500	349000	354500			343500	349000	354500		
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	24.1	24.2	24.1	0	24.8	20.6	20.7	20.7	0	21
				1	39	24.1	24.1	24.1	0	24.8	20.6	20.7	20.6	0	21
				1	77	24.2	24.2	24.2	0	24.8	20.6	20.7	20.7	0	21
				36	18	24.1	24.2	24.1	0	24.8	20.5	20.7	20.6	0	21
			QPSK	1	1	24.1	24.2	24.2	0	24.8	20.6	20.7	20.7	0	21
				1	39	24.0	24.2	24.1	0	24.8	20.5	20.7	20.6	0	21
				1	77	24.2	24.2	24.2	0	24.8	20.6	20.7	20.7	0	21
				36	18	24.0	24.2	24.1	0	24.8	20.6	20.6	20.6	0	21

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						343000	349000	355000			343000	349000	355000		
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	1	24.2	24.2	24.2	0	24.8	20.7	20.6	20.7	0	21
				1	25	24.2	24.2	24.2	0	24.8	20.7	20.6	20.7	0	21
				1	50	24.2	24.2	24.1	0	24.8	20.7	20.7	20.6	0	21
				25	12	24.2	24.1	24.2	0	24.8	20.7	20.7	20.7	0	21
			QPSK	1	1	24.2	24.2	24.2	0	24.8	20.7	20.6	20.7	0	21
				1	25	24.2	24.1	24.2	0	24.8	20.7	20.6	20.7	0	21
				1	50	24.2	24.1	24.2	0	24.8	20.7	20.7	20.6	0	21
				25	12	24.2	24.1	24.2	0	24.8	20.7	20.6	20.7	0	21

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						342500	349000	355500			342500	349000	355500		
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	24.2	24.1	24.0	0	24.8	20.7	20.6	20.6	0	21
				1	12	24.2	24.1	24.0	0	24.8	20.7	20.6	20.6	0	21
				1	23	24.1	24.1	24.0	0	24.8	20.7	20.6	20.7	0	21
				12	6	24.1	24.1	24.0	0	24.8	20.7	20.6	20.6	0	21
			QPSK	1	1	24.2	24.1	24.0	0	24.8	20.7	20.6	20.6	0	21
				1	12	24.2	24.1	24.0	0	24.8	20.7	20.6	20.6	0	21
				1	23	24.1	24.0	24.0	0	24.8	20.7	20.6	20.6	0	21
				12	6	24.1	24.0	24.1	0	24.8	20.6	20.6	20.6	0	21

NR Band 66 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	349000	[redacted]	MPR	Tune-up Limit	[redacted]	349000	[redacted]	MPR	Tune-up Limit
							1745 MHz					1745 MHz			
40	DFT-s	15	π/2 BPSK	1	1		19.4		0	20		20.7		0	21.1
				1	107		19.5		0	20		20.8		0	21.1
				1	214		19.5		0	20		20.7		0	21.1
				108	54		19.4		0	20		20.8		0	21.1
			QPSK	1	1		19.4		0	20		20.8		0	21.1
				1	107		19.4		0	20		20.8		0	21.1
				1	214		19.4		0	20		20.8		0	21.1
				108	54		19.3		0	20		20.8		0	21.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	349000	[redacted]	MPR	Tune-up Limit	[redacted]	349000	[redacted]	MPR	Tune-up Limit
							1745 MHz					1745 MHz			
30	DFT-s	15	π/2 BPSK	1	1		19.3		0	20		20.7		0	21.1
				1	79		19.3		0	20		20.7		0	21.1
				1	158		19.3		0	20		20.7		0	21.1
				80	40		19.3		0	20		20.7		0	21.1
			QPSK	1	1		19.3		0	20		20.7		0	21.1
				1	79		19.2		0	20		20.7		0	21.1
				1	158		19.3		0	20		20.7		0	21.1
				80	40		19.3		0	20		20.7		0	21.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Tune-up Limit	344000	349000	354000	MPR	Tune-up Limit
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	1	19.2	19.3	19.2	0	20	20.7	20.7	20.7	0	21.1
				1	52	19.2	19.3	19.3	0	20	20.6	20.7	20.6	0	21.1
				1	104	19.2	19.3	19.3	0	20	20.5	20.7	20.6	0	21.1
				50	25	19.2	19.3	19.3	0	20	20.6	20.7	20.6	0	21.1
			QPSK	1	1	19.3	19.3	19.3	0	20	20.7	20.7	20.7	0	21.1
				1	52	19.2	19.2	19.3	0	20	20.6	20.7	20.6	0	21.1
				1	104	19.3	19.3	19.4	0	20	20.7	20.8	20.7	0	21.1
				50	25	19.2	19.2	19.3	0	20	20.7	20.7	20.7	0	21.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Tune-up Limit	343500	349000	354500	MPR	Tune-up Limit
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	19.3	19.3	19.2	0	20	20.8	20.8	20.6	0	21.1
				1	39	19.2	19.2	19.2	0	20	20.6	20.7	20.6	0	21.1
				1	77	19.3	19.3	19.2	0	20	20.7	20.7	20.7	0	21.1
				36	18	19.2	19.3	19.2	0	20	20.6	20.7	20.6	0	21.1
			QPSK	1	1	19.3	19.3	19.3	0	20	20.7	20.7	20.7	0	21.1
				1	39	19.3	19.2	19.2	0	20	20.7	20.7	20.7	0	21.1
				1	77	19.3	19.3	19.3	0	20	20.7	20.7	20.7	0	21.1
				36	18	19.3	19.3	19.2	0	20	20.6	20.6	20.6	0	21.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Tune-up Limit	343000	349000	355000	MPR	Tune-up Limit
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	1	19.3	19.3	19.3	0	20	20.8	20.7	20.7	0	21.1
				1	25	19.3	19.3	19.3	0	20	20.7	20.7	20.7	0	21.1
				1	50	19.3	19.3	19.3	0	20	20.7	20.7	20.7	0	21.1
				25	12	19.3	19.3	19.2	0	20	20.7	20.6	20.7	0	21.1
			QPSK	1	1	19.3	19.3	19.3	0	20	20.7	20.7	20.7	0	21.1
				1	25	19.3	19.3	19.3	0	20	20.7	20.6	20.7	0	21.1
				1	50	19.3	19.3	19.3	0	20	20.7	20.6	20.7	0	21.1
				25	12	19.3	19.3	19.3	0	20	20.7	20.6	20.7	0	21.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Tune-up Limit	342500	349000	355500	MPR	Tune-up Limit
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	19.3	19.2	19.3	0	20	20.7	20.7	20.7	0	21.1
				1	12	19.4	19.2	19.2	0	20	20.7	20.7	20.7	0	21.1
				1	23	19.3	19.2	19.2	0	20	20.7	20.6	20.6	0	21.1
				12	6	19.3	19.3	19.2	0	20	20.7	20.8	20.6	0	21.1
			QPSK	1	1	19.3	19.2	19.2	0	20	20.7	20.7	20.7	0	21.1
				1	12	19.3	19.2	19.3	0	20	20.7	20.8	20.7	0	21.1
				1	23	19.3	19.3	19.3	0	20	20.7	20.8	20.7	0	21.1
				12	6	19.3	19.3	19.3	0	20	20.7	20.7	20.7	0	21.1

NR Band 70 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	340500	[redacted]	MPR	Tune-up Limit	[redacted]	340500	[redacted]	MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		23.6		0	23.7		17.2		0	17.4
				1	39		23.6		0	23.7		17.2		0	17.4
				1	77		23.5		0	23.7		17.2		0	17.4
				36	18		23.5		0	23.7		17.1		0	17.4
			QPSK	1	1		23.5		0	23.7		17.0		0	17.4
				1	39		23.4		0	23.7		17.2		0	17.4
				1	77		23.4		0	23.7		17.0		0	17.4
				36	18		23.4		0	23.7		17.2		0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	340500	[redacted]	MPR	Tune-up Limit	[redacted]	340500	[redacted]	MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1		23.2		0	23.7		17.2		0	17.4
				1	25		23.2		0	23.7		17.1		0	17.4
				1	50		23.1		0	23.7		17.1		0	17.4
				25	12		23.0		0	23.7		17.1		0	17.4
			QPSK	1	1		23.0		0	23.7		17.1		0	17.4
				1	25		23.0		0	23.7		17.2		0	17.4
				1	50		22.9		0	23.7		17.1		0	17.4
				25	12		23.1		0	23.7		17.1		0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Tune-up Limit	339500	340500	341500	MPR	Tune-up Limit
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	23.2	23.2	23.2	0	23.7	17.2	17.2	17.2	0	17.4
				1	12	23.2	23.2	23.2	0	23.7	17.1	17.1	17.1	0	17.4
				1	23	23.1	23.1	23.1	0	23.7	17.1	17.1	17.1	0	17.4
				12	6	23.0	23.0	23.0	0	23.7	17.1	17.1	17.1	0	17.4
			QPSK	1	1	23.0	23.0	23.0	0	23.7	17.1	17.1	17.1	0	17.4
				1	12	23.0	23.0	23.0	0	23.7	17.2	17.2	17.2	0	17.4
				1	23	22.9	22.9	22.9	0	23.7	17.1	17.1	17.1	0	17.4
				12	6	23.1	23.1	23.1	0	23.7	17.1	17.1	17.1	0	17.4

NR Band 70 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	340500	[redacted]	MPR	Tune-up Limit	[redacted]	340500	[redacted]	MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		19.9		0	20.5		20.3		0	20.7
				1	39		20.0		0	20.5		20.3		0	20.7
				1	77		19.8		0	20.5		20.3		0	20.7
				36	18		19.9		0	20.5		20.2		0	20.7
			QPSK	1	1		19.9		0	20.5		20.2		0	20.7
				1	39		19.9		0	20.5		20.2		0	20.7
				1	77		19.8		0	20.5		20.2		0	20.7
				36	18		19.9		0	20.5		20.2		0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	340500	[redacted]	MPR	Tune-up Limit	[redacted]	340500	[redacted]	MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1		19.9		0	20.5		20.2		0	20.7
				1	25		19.8		0	20.5		20.2		0	20.7
				1	50		19.7		0	20.5		20.1		0	20.7
				25	12		19.9		0	20.5		20.2		0	20.7
			QPSK	1	1		19.9		0	20.5		20.2		0	20.7
				1	25		19.8		0	20.5		20.2		0	20.7
				1	50		19.8		0	20.5		20.2		0	20.7
				25	12		19.7		0	20.5		20.2		0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Tune-up Limit	339500	340500	341500	MPR	Tune-up Limit
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	19.9	19.9	19.9	0	20.5	20.1	20.1	20.1	0	20.7
				1	12	19.9	19.8	19.8	0	20.5	20.2	20.2	20.2	0	20.7
				1	23	20.0	19.7	19.7	0	20.5	20.2	20.2	20.2	0	20.7
				12	6	19.9	19.9	19.9	0	20.5	20.2	20.2	20.2	0	20.7
			QPSK	1	1	19.9	19.9	19.9	0	20.5	20.2	20.2	20.2	0	20.7
				1	12	19.8	19.8	19.8	0	20.5	20.2	20.2	20.2	0	20.7
				1	23	19.9	19.9	19.8	0	20.5	20.2	20.2	20.2	0	20.7
				12	6	19.9	19.9	19.7	0	20.5	20.1	20.1	20.1	0	20.7

NR Band 70 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							340500		MPR	Tune-up Limit		340500		MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		23.9		0	24.8		20.9		0	21
				1	39		23.9		0	24.8		20.9		0	21
				1	77		23.9		0	24.8		20.8		0	21
				36	18		23.8		0	24.8		20.8		0	21
			QPSK	1	1		23.9		0	24.8		20.9		0	21
				1	39		23.9		0	24.8		20.9		0	21
				1	77		23.9		0	24.8		20.9		0	21
				36	18		23.7		0	24.8		20.8		0	21
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							340500		MPR	Tune-up Limit		340500		MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1		23.8		0	24.8		20.8		0	21
				1	25		23.8		0	24.8		20.8		0	21
				1	50		23.9		0	24.8		20.9		0	21
				25	12		23.8		0	24.8		20.8		0	21
			QPSK	1	1		23.8		0	24.8		20.9		0	21
				1	25		23.8		0	24.8		20.9		0	21
				1	50		23.8		0	24.8		20.8		0	21
				25	12		23.8		0	24.8		20.8		0	21
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Tune-up Limit	339500	340500	341500	MPR	Tune-up Limit
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	23.8	23.8	23.9	0	24.8	20.8	20.8	20.8	0	21
				1	12	23.8	23.8	23.8	0	24.8	20.9	20.9	20.9	0	21
				1	23	23.8	23.7	23.8	0	24.8	20.8	20.8	20.9	0	21
				12	6	23.9	23.9	23.7	0	24.8	20.7	20.7	20.8	0	21
			QPSK	1	1	23.9	23.9	23.9	0	24.8	20.9	20.7	20.7	0	21
				1	12	23.8	23.7	23.9	0	24.8	20.9	20.8	20.9	0	21
				1	23	23.8	23.8	23.8	0	24.8	20.9	20.7	20.8	0	21
				12	6	23.7	23.9	23.7	0	24.8	20.8	20.9	20.9	0	21

NR Band 70 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							340500		MPR	Tune-up Limit		340500		MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		19.9		0	20		21.0		0	21.1
				1	39		20.0		0	20		21.0		0	21.1
				1	77		19.9		0	20		20.8		0	21.1
				36	18		19.9		0	20		20.9		0	21.1
			QPSK	1	1		19.9		0	20		20.8		0	21.1
				1	39		20.0		0	20		20.8		0	21.1
				1	77		19.9		0	20		21.0		0	21.1
				36	18		19.9		0	20		20.9		0	21.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							340500		MPR	Tune-up Limit		340500		MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1		19.9		0	20		21.0		0	21.1
				1	25		19.9		0	20		20.8		0	21.1
				1	50		19.9		0	20		21.0		0	21.1
				25	12		19.9		0	20		20.8		0	21.1
			QPSK	1	1		19.8		0	20		20.9		0	21.1
				1	25		19.9		0	20		20.9		0	21.1
				1	50		20.0		0	20		20.9		0	21.1
				25	12		19.9		0	20		20.9		0	21.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Tune-up Limit	339500	340500	341500	MPR	Tune-up Limit
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	19.9	20.0	19.9	0	20	19.8	21.0	19.8	0	21.1
				1	12	19.8	19.9	20.0	0	20	20.0	21.0	20.0	0	21.1
				1	23	19.8	19.9	20.0	0	20	20.0	20.8	20.0	0	21.1
				12	6	19.9	19.8	19.8	0	20	19.9	20.9	19.9	0	21.1
			QPSK	1	1	19.9	19.9	19.8	0	20	19.8	20.8	19.9	0	21.1
				1	12	19.8	20.0	19.9	0	20	19.8	20.8	19.8	0	21.1
				1	23	19.9	19.9	19.8	0	20	19.8	21.0	19.9	0	21.1
				12	6	19.8	19.9	20.0	0	20	19.9	20.9	20.0	0	21.1

NR Band 71 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	136100	[redacted]	MPR	Tune-up Limit	[redacted]	136100	[redacted]	MPR	Tune-up Limit
							680.5 MHz					680.5 MHz			
20	DFT-s	15	π/2 BPSK	1	1		25.5		0	25.7		25.5		0	25.7
				1	52		25.5		0	25.7		25.5		0	25.7
				1	104		25.3		0	25.7		25.3		0	25.7
				50	25		25.4		0	25.7		25.4		0	25.7
			QPSK	1	1		25.5		0	25.7		25.5		0	25.7
				1	52		25.5		0	25.7		25.5		0	25.7
				1	104		25.3		0	25.7		25.3		0	25.7
				50	25		25.5		0	25.7		25.5		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	136100	[redacted]	MPR	Tune-up Limit	[redacted]	136100	[redacted]	MPR	Tune-up Limit
							680.5 MHz					680.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		25.4		0	25.7		25.4		0	25.7
				1	39		25.5		0	25.7		25.5		0	25.7
				1	77		25.4		0	25.7		25.4		0	25.7
				36	18		25.5		0	25.7		25.5		0	25.7
			QPSK	1	1		25.5		0	25.7		25.5		0	25.7
				1	39		25.4		0	25.7		25.4		0	25.7
				1	77		25.4		0	25.7		25.4		0	25.7
				36	18		25.4		0	25.7		25.4		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133600	136100	138600	MPR	Tune-up Limit	133600	136100	138600	MPR	Tune-up Limit
						668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	DFT-s	15	π/2 BPSK	1	1	25.3	25.4	25.4	0	25.7	25.3	25.4	25.4	0	25.7
				1	25	25.5	25.4	25.5	0	25.7	25.5	25.4	25.5	0	25.7
				1	50	25.5	25.3	25.4	0	25.7	25.5	25.3	25.4	0	25.7
				25	12	25.4	25.4	25.5	0	25.7	25.4	25.4	25.5	0	25.7
			QPSK	1	1	25.4	25.4	25.4	0	25.7	25.4	25.4	25.4	0	25.7
				1	25	25.4	25.4	25.5	0	25.7	25.4	25.4	25.5	0	25.7
				1	50	25.3	25.4	25.4	0	25.7	25.3	25.4	25.4	0	25.7
				25	12	25.4	25.5	25.4	0	25.7	25.4	25.5	25.4	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133100	136100	139100	MPR	Tune-up Limit	133100	136100	139100	MPR	Tune-up Limit
						665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
				1	12	25.4	25.5	25.4	0	25.7	25.4	25.5	25.4	0	25.7
				1	23	25.4	25.3	25.5	0	25.7	25.4	25.3	25.5	0	25.7
				12	6	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
			QPSK	1	1	25.5	25.4	25.3	0	25.7	25.5	25.4	25.3	0	25.7
				1	12	25.4	25.5	25.4	0	25.7	25.4	25.5	25.4	0	25.7
				1	23	25.3	25.5	25.4	0	25.7	25.3	25.5	25.4	0	25.7
				12	6	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7

NR Band 71 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	136100	[redacted]	MPR	Tune-up Limit	[redacted]	136100	[redacted]	MPR	Tune-up Limit
							680.5 MHz					680.5 MHz			
20	DFT-s	15	π/2 BPSK	1	1		24.3		0	24.7		24.3		0	24.7
				1	52		24.5		0	24.7		24.5		0	24.7
				1	104		24.3		0	24.7		24.3		0	24.7
				50	25		24.5		0	24.7		24.5		0	24.7
			QPSK	1	1		24.3		0	24.7		24.3		0	24.7
				1	52		24.4		0	24.7		24.4		0	24.7
				1	104		24.4		0	24.7		24.4		0	24.7
				50	25		24.4		0	24.7		24.4		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	136100	[redacted]	MPR	Tune-up Limit	[redacted]	136100	[redacted]	MPR	Tune-up Limit
							680.5 MHz					680.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		24.1		0	24.7		24.1		0	24.7
				1	39		24.2		0	24.7		24.2		0	24.7
				1	77		24.3		0	24.7		24.3		0	24.7
				36	18		24.3		0	24.7		24.3		0	24.7
			QPSK	1	1		24.2		0	24.7		24.2		0	24.7
				1	39		24.4		0	24.7		24.4		0	24.7
				1	77		24.3		0	24.7		24.3		0	24.7
				36	18		24.4		0	24.7		24.4		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133600	136100	138600	MPR	Tune-up Limit	133600	136100	138600	MPR	Tune-up Limit
						668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	DFT-s	15	π/2 BPSK	1	1	24.3	24.3	24.3	0	24.7	24.3	24.3	24.3	0	24.7
				1	25	24.2	24.3	24.1	0	24.7	24.2	24.3	24.1	0	24.7
				1	50	24.2	24.1	24.1	0	24.7	24.2	24.1	24.1	0	24.7
				25	12	24.3	24.2	24.2	0	24.7	24.3	24.2	24.2	0	24.7
			QPSK	1	1	24.2	24.4	24.1	0	24.7	24.2	24.4	24.1	0	24.7
				1	25	24.2	24.2	24.2	0	24.7	24.2	24.2	24.2	0	24.7
				1	50	24.2	24.4	24.2	0	24.7	24.2	24.4	24.2	0	24.7
				25	12	24.3	24.3	24.2	0	24.7	24.3	24.3	24.2	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133100	136100	139100	MPR	Tune-up Limit	133100	136100	139100	MPR	Tune-up Limit
						665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	24.3	24.1	24.1	0	24.7	24.3	24.1	24.1	0	24.7
				1	12	24.3	24.2	24.3	0	24.7	24.3	24.2	24.3	0	24.7
				1	23	24.3	24.2	24.3	0	24.7	24.3	24.2	24.3	0	24.7
				12	6	24.4	24.3	24.3	0	24.7	24.4	24.3	24.3	0	24.7
			QPSK	1	1	24.3	24.4	24.3	0	24.7	24.3	24.4	24.3	0	24.7
				1	12	24.3	24.1	24.2	0	24.7	24.3	24.1	24.2	0	24.7
				1	23	24.2	24.3	24.3	0	24.7	24.2	24.3	24.3	0	24.7
				12	6	24.2	24.2	24.3	0	24.7	24.2	24.2	24.3	0	24.7

NR Band 77 (Block A) Measured Results (ANT7)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
100	DFT-s	30	π/2 BPSK	1	1	23.2	0	24	19.6	0	19.6
				1	136	23.2	0	24	19.6	0	19.6
				1	271	23.2	0	24	19.6	0	19.6
				135	67	23.1	0	24	19.6	0	19.6
			QPSK	1	1	23.2	0	24	19.4	0	19.6
				1	136	23.1	0	24	19.3	0	19.6
				1	271	23.1	0	24	19.5	0	19.6
				135	67	23.0	0	24	19.6	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
90	DFT-s	30	π/2 BPSK	1	1	23.2	0	24	19.4	0	19.6
				1	122	23.1	0	24	19.4	0	19.6
				1	243	23.1	0	24	19.3	0	19.6
				121	60	22.9	0	24	19.4	0	19.6
			QPSK	1	1	23.1	0	24	19.6	0	19.6
				1	122	23.1	0	24	19.3	0	19.6
				1	243	23.1	0	24	19.3	0	19.6
				121	60	23.0	0	24	19.4	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
80	DFT-s	30	π/2 BPSK	1	1	23.1	0	24	19.4	0	19.6
				1	108	23.1	0	24	19.4	0	19.6
				1	215	23.0	0	24	19.3	0	19.6
				108	54	23.1	0	24	19.4	0	19.6
			QPSK	1	1	23.2	0	24	19.4	0	19.6
				1	108	23.1	0	24	19.5	0	19.6
				1	215	23.0	0	24	19.4	0	19.6
				108	54	23.1	0	24	19.3	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
70	DFT-s	30	π/2 BPSK	1	1	23.2	0	24	19.6	0	19.6
				1	91	23.0	0	24	19.3	0	19.6
				1	187	23.0	0	24	19.3	0	19.6
				94	47	23.1	0	24	19.4	0	19.6
			QPSK	1	1	23.1	0	24	19.3	0	19.6
				1	91	23.1	0	24	19.4	0	19.6
				1	187	23.1	0	24	19.3	0	19.6
				94	47	23.1	0	24	19.5	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
60	DFT-s	30	π/2 BPSK	1	1	23.2	0	24	19.4	0	19.6
				1	80	23.1	0	24	19.4	0	19.6
				1	160	23.1	0	24	19.3	0	19.6
				81	40	23.1	0	24	19.4	0	19.6
			QPSK	1	1	23.0	0	24	19.5	0	19.6
				1	80	23.0	0	24	19.5	0	19.6
				1	160	23.1	0	24	19.4	0	19.6
				81	40	23.0	0	24	19.3	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
50	DFT-s	30	π/2 BPSK	1	1	23.2	0	24	19.4	0	19.6
				1	66	23.0	0	24	19.5	0	19.6
				1	131	23.1	0	24	19.4	0	19.6
				64	32	23.1	0	24	19.3	0	19.6
			QPSK	1	1	23.0	0	24	19.4	0	19.6
				1	66	23.0	0	24	19.4	0	19.6
				1	131	23.1	0	24	19.6	0	19.6
				64	32	23.1	0	24	19.5	0	19.6
BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
40	DFT-s	30	π/2 BPSK	1	1	23.0	0	24	19.6	0	19.6
				1	52	23.1	0	24	19.4	0	19.6
				1	104	23.0	0	24	19.4	0	19.6
				50	25	23.1	0	24	19.5	0	19.6
			QPSK	1	1	23.1	0	24	19.5	0	19.6
				1	52	23.2	0	24	19.4	0	19.6
				1	104	23.2	0	24	19.5	0	19.6
				50	25	23.1	0	24	19.4	0	19.6

NR Band 77 (Block A) Measured Results (ANT7) (continued)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)				
						[redacted]	633332	[redacted]	MPR	Tune-up Limit	[redacted]	633332	[redacted]	MPR	Tune-up Limit
							3499.98 MHz					3499.98 MHz			
30	DFT-s	30	π/2 BPSK	1	1		23.0		0	24		19.6		0	19.6
				1	38		23.2		0	24		19.4		0	19.6
				1	76		23.2		0	24		19.6		0	19.6
				36	18		23.2		0	24		19.3		0	19.6
			QPSK	1	1		23.0		0	24		19.4		0	19.6
				1	38		23.1		0	24		19.3		0	19.6
				1	76		23.1		0	24		19.5		0	19.6
				36	18		23.1		0	24		19.6		0	19.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630832	633332	635832	MPR	Tune-up Limit	630832	633332	635832	MPR	Tune-up Limit
						3462.48 MHz	3499.98 MHz	3537.48 MHz			3462.48 MHz	3499.98 MHz	3537.48 MHz		
25	DFT-s	30	π/2 BPSK	1	1	23.1	23.2	23.1	0	24	19.4	19.4	19.5	0	19.6
				1	32	23.0	23.2	23.0	0	24	19.4	19.4	19.5	0	19.6
				1	63	23.0	23.1	23.0	0	24	19.3	19.5	19.5	0	19.6
				32	16	23.1	23.1	23.1	0	24	19.3	19.4	19.3	0	19.6
			QPSK	1	1	23.1	23.0	23.1	0	24	19.5	19.6	19.5	0	19.6
				1	32	23.0	23.1	23.1	0	24	19.6	19.4	19.4	0	19.6
				1	63	23.0	23.1	23.0	0	24	19.6	19.5	19.4	0	19.6
				32	16	23.1	23.1	23.0	0	24	19.4	19.5	19.3	0	19.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630666	633332	635998	MPR	Tune-up Limit	630666	633332	635998	MPR	Tune-up Limit
						3459.99 MHz	3499.98 MHz	3539.97 MHz			3459.99 MHz	3499.98 MHz	3539.97 MHz		
20	DFT-s	30	π/2 BPSK	1	1	23.2	23.2	23.1	0	24	19.5	19.4	19.4	0	19.6
				1	25	23.2	23.2	23.0	0	24	19.5	19.6	19.4	0	19.6
				1	49	23.2	23.1	23.1	0	24	19.4	19.6	19.5	0	19.6
				25	12	23.1	23.1	23.0	0	24	19.4	19.3	19.5	0	19.6
			QPSK	1	1	23.1	23.2	23.1	0	24	19.3	19.5	19.4	0	19.6
				1	25	23.0	23.1	23.1	0	24	19.5	19.3	19.5	0	19.6
				1	49	23.2	23.0	23.0	0	24	19.5	19.4	19.4	0	19.6
				25	12	23.0	23.0	23.1	0	24	19.4	19.4	19.5	0	19.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630500	633332	636166	MPR	Tune-up Limit	630500	633332	636166	MPR	Tune-up Limit
						3457.5 MHz	3499.98 MHz	3542.49 MHz			3457.5 MHz	3499.98 MHz	3542.49 MHz		
15	DFT-s	30	π/2 BPSK	1	1	23.1	23.2	23.1	0	24	19.4	19.3	19.4	0	19.6
				1	18	23.2	23.2	23.2	0	24	19.4	19.5	19.5	0	19.6
				1	36	23.1	23.2	23.0	0	24	19.4	19.4	19.4	0	19.6
				18	9	23.2	23.1	23.1	0	24	19.6	19.5	19.3	0	19.6
			QPSK	1	1	23.1	23.2	23.2	0	24	19.4	19.6	19.3	0	19.6
				1	18	23.0	23.1	23.2	0	24	19.5	19.4	19.5	0	19.6
				1	36	23.2	23.2	23.1	0	24	19.4	19.4	19.6	0	19.6
				18	9	23.1	23.1	23.2	0	24	19.6	19.5	19.3	0	19.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630332	633332	636332	MPR	Tune-up Limit	630332	633332	636332	MPR	Tune-up Limit
						3454.98 MHz	3499.98 MHz	3544.98 MHz			3454.98 MHz	3499.98 MHz	3544.98 MHz		
10	DFT-s	30	π/2 BPSK	1	1	23.2	23.1	23.2	0	24	19.4	19.3	19.4	0	19.6
				1	11	23.1	23.2	23.0	0	24	19.4	19.4	19.3	0	19.6
				1	22	23.2	23.2	23.1	0	24	19.5	19.4	19.4	0	19.6
				12	6	23.1	23.2	23.2	0	24	19.4	19.4	19.6	0	19.6
			QPSK	1	1	23.0	23.0	23.0	0	24	19.4	19.3	19.3	0	19.6
				1	11	23.1	23.1	23.0	0	24	19.4	19.5	19.5	0	19.6
				1	22	23.2	23.2	23.2	0	24	19.4	19.5	19.5	0	19.6
				12	6	23.1	23.1	23.1	0	24	19.3	19.4	19.4	0	19.6

NR Band 77 (Block C) Measured Results (ANT7)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit	[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit
100	DFT-s	30	π/2 BPSK	1	1		23.3	0	24		19.4	0	19.6
				1	136		23.3	0	24		19.6	0	19.6
				1	271		23.1	0	24		19.6	0	19.6
				135	67		23.2	0	24		19.6	0	19.6
			QPSK	1	1		23.1	0	24		19.4	0	19.6
				1	136		23.1	0	24		19.4	0	19.6
				1	271		23.0	0	24		19.5	0	19.6
				135	67		22.9	0	24		19.3	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit	[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit
90	DFT-s	30	π/2 BPSK	1	1		23.3	0	24		19.6	0	19.6
				1	122		23.0	0	24		19.5	0	19.6
				1	243		23.2	0	24		19.4	0	19.6
				121	60		23.2	0	24		19.6	0	19.6
			QPSK	1	1		23.0	0	24		19.5	0	19.6
				1	122		23.1	0	24		19.3	0	19.6
				1	243		23.1	0	24		19.5	0	19.6
				121	60		23.2	0	24		19.6	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit	[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit
80	DFT-s	30	π/2 BPSK	1	1		23.3	0	24		19.5	0	19.6
				1	108		23.2	0	24		19.4	0	19.6
				1	215		23.2	0	24		19.4	0	19.6
				108	54		23.1	0	24		19.6	0	19.6
			QPSK	1	1		23.3	0	24		19.5	0	19.6
				1	108		23.2	0	24		19.5	0	19.6
				1	215		23.1	0	24		19.5	0	19.6
				108	54		23.1	0	24		19.6	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit	[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit
70	DFT-s	30	π/2 BPSK	1	1		23.1	0	24		19.4	0	19.6
				1	91		23.0	0	24		19.6	0	19.6
				1	187		23.2	0	24		19.6	0	19.6
				94	47		23.2	0	24		19.4	0	19.6
			QPSK	1	1		23.1	0	24		19.4	0	19.6
				1	91		23.3	0	24		19.4	0	19.6
				1	187		23.3	0	24		19.5	0	19.6
				94	47		23.2	0	24		19.3	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit	[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit
60	DFT-s	30	π/2 BPSK	1	1		23.0	0	24		19.3	0	19.6
				1	80		23.1	0	24		19.3	0	19.6
				1	160		23.3	0	24		19.6	0	19.6
				81	40		23.1	0	24		19.4	0	19.6
			QPSK	1	1		23.1	0	24		19.5	0	19.6
				1	80		23.0	0	24		19.3	0	19.6
				1	160		23.3	0	24		19.4	0	19.6
				81	40		23.2	0	24		19.5	0	19.6

NR Band 77 (Block C) Measured Results (ANT7) (continued)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						648332	652166	656000	659832	663666			648332	652166	656000	659832	663666		
						3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz			3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	1	23.2	23.3	23.0	23.2	23.0	0	24	19.5	19.4	19.6	19.4	19.3	0	19.6
				1	66	23.3	23.2	23.0	23.0	23.3	0	24	19.5	19.6	19.4	19.3	19.4	0	19.6
				1	131	23.2	23.0	23.3	23.2	23.1	0	24	19.5	19.5	19.4	19.6	19.6	0	19.6
				64	32	23.2	23.3	23.0	23.3	23.3	0	24	19.3	19.5	19.4	19.5	19.5	0	19.6
			QPSK	1	1	23.2	23.0	23.0	23.1	23.3	0	24	19.6	19.5	19.3	19.4	19.4	0	19.6
				1	66	23.3	23.3	23.1	23.2	23.2	0	24	19.4	19.6	19.5	19.4	19.5	0	19.6
				1	131	23.1	23.0	23.2	23.0	23.1	0	24	19.5	19.6	19.6	19.3	19.5	0	19.6
				64	32	23.1	23.1	23.1	23.2	23.1	0	24	19.6	19.6	19.5	19.4	19.3	0	19.6
BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647998	651998	656000	659998	663998			647998	651998	656000	659998	663998		
						3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz			3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	23.2	23.1	23.2	23.2	23.1	0	24	19.3	19.6	19.5	19.6	19.5	0	19.6
				1	52	23.1	23.0	23.0	23.1	23.2	0	24	19.6	19.3	19.4	19.4	19.5	0	19.6
				1	104	23.2	23.0	23.1	23.2	23.3	0	24	19.4	19.5	19.6	19.5	19.4	0	19.6
				50	25	23.3	23.0	23.1	23.2	23.2	0	24	19.4	19.3	19.5	19.3	19.4	0	19.6
			QPSK	1	1	23.3	23.3	23.0	23.3	23.3	0	24	19.6	19.5	19.4	19.5	19.4	0	19.6
				1	52	23.1	23.2	23.2	23.2	23.0	0	24	19.3	19.4	19.4	19.5	19.6	0	19.6
				1	104	23.1	23.0	23.2	23.1	23.1	0	24	19.3	19.3	19.5	19.3	19.4	0	19.6
				50	25	23.1	23.1	23.0	23.1	23.2	0	24	19.4	19.5	19.5	19.3	19.4	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647666	651832	656000	660166	664332			647666	651832	656000	660166	664332		
						3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz			3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	23.1	23.1	23.0	23.2	23.0	0	24	19.5	19.5	19.5	19.3	19.6	0	19.6
				1	38	23.1	23.3	23.0	23.3	23.1	0	24	19.5	19.5	19.3	19.5	19.3	0	19.6
				1	76	23.1	23.2	23.2	23.2	23.2	0	24	19.3	19.4	19.6	19.4	19.5	0	19.6
				36	18	23.1	23.1	23.1	23.3	23.1	0	24	19.5	19.4	19.5	19.4	19.4	0	19.6
			QPSK	1	1	23.1	23.1	23.3	23.1	23.0	0	24	19.5	19.4	19.4	19.5	19.4	0	19.6
				1	38	23.1	23.2	23.3	23.0	23.2	0	24	19.4	19.5	19.3	19.6	19.4	0	19.6
				1	76	23.1	23.3	23.3	23.1	23.1	0	24	19.4	19.5	19.4	19.5	19.5	0	19.6
				36	18	23.3	23.2	23.3	23.2	23.2	0	24	19.5	19.4	19.6	19.5	19.4	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647498	651748	656000	660248	664498			647498	651748	656000	660248	664498		
						3712.47 MHz	3776.22 MHz	3840 MHz	3903.72 MHz	3967.47 MHz			3712.47 MHz	3776.22 MHz	3840 MHz	3903.72 MHz	3967.47 MHz		
25	DFT-s	30	π/2 BPSK	1	1	23.1	23.2	23.3	23.2	23.3	0	24	19.5	19.4	19.5	19.3	19.4	0	19.6
				1	32	23.0	23.2	23.2	23.1	23.2	0	24	19.5	19.4	19.4	19.6	19.4	0	19.6
				1	63	23.2	23.1	23.1	23.0	23.1	0	24	19.4	19.4	19.4	19.5	19.6	0	19.6
				32	16	23.2	23.1	23.2	23.1	23.1	0	24	19.5	19.3	19.6	19.4	19.5	0	19.6
			QPSK	1	1	23.2	23.2	23.2	23.1	23.1	0	24	19.6	19.5	19.5	19.4	19.5	0	19.6
				1	32	23.1	23.2	23.0	23.2	23.3	0	24	19.3	19.5	19.4	19.5	19.5	0	19.6
				1	63	23.1	23.2	23.2	23.0	23.1	0	24	19.5	19.5	19.4	19.4	19.5	0	19.6
				32	16	23.2	23.0	23.3	23.1	23.2	0	24	19.3	19.3	19.4	19.5	19.3	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647332	651666	656000	660332	664666			647332	651666	656000	660332	664666		
						3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz			3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	23.3	23.3	23.1	23.0	23.1	0	24	19.5	19.3	19.4	19.4	19.3	0	19.6
				1	25	23.3	23.0	23.1	23.2	23.2	0	24	19.6	19.3	19.4	19.5	19.3	0	19.6
				1	49	23.1	23.1	23.2	23.3	23.0	0	24	19.5	19.5	19.4	19.3	19.5	0	19.6
				25	12	23.1	23.2	23.2	23.1	23.0	0	24	19.5	19.6	19.5	19.6	19.6	0	19.6
			QPSK	1	1	23.1	23.2	23.1	23.1	23.0	0	24	19.5	19.3	19.3	19.4	19.3	0	19.6
				1	25	23.0	23.2	23.1	23.3	23.1	0	24	19.5	19.5	19.3	19.3	19.5	0	19.6
				1	49	23.1	23.1	23.1	23.1	23.1	0	24	19.6	19.5	19.6	19.5	19.4	0	19.6
				25	12	23.2	23.3	23.1	23.0	23.0	0	24	19.4	19.5	19.5	19.6	19.5	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647166	651582	656000	660416	664832			647166	651582	656000	660416	664832		
						3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz			3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	1	23.1	23.2	23.3	23.1	23.1	0	24	19.3	19.3	19.5	19.3	19.5	0	19.6
				1	18	23.1	23.2	23.3	23.2	23.0	0	24	19.4	19.6	19.3	19.4	19.5	0	19.6
				1	36	23.1	23.0	23.2	23.2	23.1	0	24	19.6	19.4	19.3	19.4	19.4	0	19.6
				18	9	23.0	23.3	23.2	23.2	23.0	0	24	19.5	19.5	19.6	19.4	19.6	0	19.6
			QPSK	1	1	23.0	23.1	23.2	23.2	23.2	0	24	19.5	19.3	19.3	19.4	19.5	0	19.6
				1	18	23.3	23.3	23.2	23.2	23.2	0	24	19.4	19.4	19.5	19.3	19.5	0	19.6
				1	36	23.3	23.2	23.2	23.0	23.1	0	24	19.6	19.6	19.5	19.3	19.4	0	19.6
				18	9	23.2	23.2	23.3	23.1	23.2	0	24	19.4	19.5	19.4	19.4	19.4	0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						646998	651498	656000	660498	664998			646998	651498	656000	660498	664998		
						3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz			3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz		
10	DFT-s	30	π/2 BPSK	1	1	23.0	23.2	23.1	23.0	23.1	0	24	19.3	19.5	19.4	19.6	19.5	0	19.6
				1	11	23.3	23.2	23.1	23.2	23.1	0	24	19.6	19.3	19.6	19.4	19.5	0	19.6
				1	22	23.1	23.2	23.3	23.1	23.2	0	24	19.5	19.5	19.4	19.3	19.6	0	19.6
				12	6	23.2	23.0	23.2	23.2	23.2	0	24	19.5	19.4	19.5	19.5	19.4	0	19.6
			QPSK	1	1	23.2	23.1	23.2	23.0	23.3	0	24	19.4	19.5	19.5	19.6	19.5	0	19.6
				1	11	23.0	23.3	23.2	23.1	23.3	0	24	19.3	19.5	19.5	19.5	19.4	0	19.6
				1	22	23.2	23.1	23.2	23.2	23.1	0	24	19.5	19.5	19.4	19.3	19.6	0	19.6
				12	6	23.1	23.1	23.2	23.3	23.3	0	24	19.5	19.4	19.4	19.5	19.5	0	19.6

NR Band 77 (Block A) Measured Results (ANT8)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						633332	MPR	Tune-up Limit	633332	MPR	Tune-up Limit
						3499.98 MHz			3499.98 MHz		
100	DFT-s	30	π/2 BPSK	1	1	20.8	0	21.6	16.9	0	17.1
				1	136	21.0	0	21.6	17.1	0	17.1
				1	271	20.9	0	21.6	16.7	0	17.1
				135	67	21.0	0	21.6	17.1	0	17.1
			QPSK	1	1	20.9	0	21.6	17.0	0	17.1
				1	136	20.8	0	21.6	16.8	0	17.1
				1	271	20.7	0	21.6	16.8	0	17.1
				135	67	20.6	0	21.6	16.7	0	17.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						633332	MPR	Tune-up Limit	633332	MPR	Tune-up Limit
						3499.98 MHz			3499.98 MHz		
90	DFT-s	30	π/2 BPSK	1	1	20.8	0	21.6	17.0	0	17.1
				1	122	20.8	0	21.6	17.0	0	17.1
				1	243	20.8	0	21.6	16.7	0	17.1
				121	60	20.8	0	21.6	17.0	0	17.1
			QPSK	1	1	20.9	0	21.6	17.0	0	17.1
				1	122	20.8	0	21.6	16.8	0	17.1
				1	243	20.7	0	21.6	16.7	0	17.1
				121	60	20.7	0	21.6	16.7	0	17.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						633332	MPR	Tune-up Limit	633332	MPR	Tune-up Limit
						3499.98 MHz			3499.98 MHz		
80	DFT-s	30	π/2 BPSK	1	1	20.8	0	21.6	17.0	0	17.1
				1	108	20.9	0	21.6	16.8	0	17.1
				1	215	20.9	0	21.6	16.6	0	17.1
				108	54	20.9	0	21.6	16.7	0	17.1
			QPSK	1	1	20.8	0	21.6	17.0	0	17.1
				1	108	20.6	0	21.6	16.9	0	17.1
				1	215	20.5	0	21.6	16.7	0	17.1
				108	54	20.5	0	21.6	16.8	0	17.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						633332	MPR	Tune-up Limit	633332	MPR	Tune-up Limit
						3499.98 MHz			3499.98 MHz		
70	DFT-s	30	π/2 BPSK	1	1	20.7	0	21.6	17.0	0	17.1
				1	91	20.5	0	21.6	16.9	0	17.1
				1	187	20.4	0	21.6	16.7	0	17.1
				94	47	20.4	0	21.6	16.7	0	17.1
			QPSK	1	1	20.9	0	21.6	17.0	0	17.1
				1	91	20.7	0	21.6	16.8	0	17.1
				1	187	20.5	0	21.6	16.7	0	17.1
				94	47	20.5	0	21.6	16.7	0	17.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						633332	MPR	Tune-up Limit	633332	MPR	Tune-up Limit
						3499.98 MHz			3499.98 MHz		
60	DFT-s	30	π/2 BPSK	1	1	20.8	0	21.6	17.1	0	17.1
				1	80	20.8	0	21.6	17.0	0	17.1
				1	160	20.7	0	21.6	16.8	0	17.1
				81	40	20.5	0	21.6	17.0	0	17.1
			QPSK	1	1	20.8	0	21.6	17.1	0	17.1
				1	80	20.8	0	21.6	17.0	0	17.1
				1	160	20.6	0	21.6	16.8	0	17.1
				81	40	20.6	0	21.6	16.8	0	17.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						633332	MPR	Tune-up Limit	633332	MPR	Tune-up Limit
						3499.98 MHz			3499.98 MHz		
50	DFT-s	30	π/2 BPSK	1	1	20.7	0	21.6	17.1	0	17.1
				1	66	20.6	0	21.6	16.8	0	17.1
				1	131	20.5	0	21.6	16.8	0	17.1
				64	32	20.6	0	21.6	16.9	0	17.1
			QPSK	1	1	20.9	0	21.6	17.1	0	17.1
				1	66	20.7	0	21.6	16.9	0	17.1
				1	131	20.6	0	21.6	16.8	0	17.1
				64	32	20.6	0	21.6	16.8	0	17.1

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						633332	MPR	Tune-up Limit	633332	MPR	Tune-up Limit
						3499.98 MHz			3499.98 MHz		
40	DFT-s	30	π/2 BPSK	1	1	21.0	0	21.6	17.1	0	17.1
				1	52	20.7	0	21.6	17.0	0	17.1
				1	104	20.8	0	21.6	17.1	0	17.1
				50	25	20.7	0	21.6	17.0	0	17.1
			QPSK	1	1	21.0	0	21.6	17.1	0	17.1
				1	52	20.9	0	21.6	17.0	0	17.1
				1	104	20.9	0	21.6	17.1	0	17.1
				50	25	20.7	0	21.6	17.0	0	17.1

NR Band 77 (Block A) Measured Results (ANT8) (continued)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	633332	[redacted]			[redacted]	633332	[redacted]		
							3499.98 MHz					3499.98 MHz			
30	DFT-s	30	π/2 BPSK	1	1		20.9		0	21.6		17.1		0	17.1
				1	38		20.7		0	21.6		17.0		0	17.1
				1	76		20.7		0	21.6		17.0		0	17.1
				36	18		20.6		0	21.6		17.0		0	17.1
			QPSK	1	1		21.0		0	21.6		17.1		0	17.1
				1	38		20.8		0	21.6		17.0		0	17.1
				1	76		20.8		0	21.6		17.1		0	17.1
				36	18		20.7		0	21.6		17.0		0	17.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630666	633332	635998			630666	633332	635998		
						3459.99 MHz	3499.98 MHz	3539.97 MHz			3459.99 MHz	3499.98 MHz	3539.97 MHz		
20	DFT-s	30	π/2 BPSK	1	1	20.8	20.9	20.9	0	21.6	17.1	17.1	17.0	0	17.1
				1	25	21.0	21.0	20.9	0	21.6	17.1	17.0	17.0	0	17.1
				1	49	20.7	21.0	20.8	0	21.6	17.0	17.1	16.9	0	17.1
				25	12	20.8	21.0	20.9	0	21.6	17.1	17.1	16.9	0	17.1
			QPSK	1	1	20.7	20.8	20.8	0	21.6	17.1	17.1	17.0	0	17.1
				1	25	21.0	20.9	20.9	0	21.6	17.1	17.1	16.8	0	17.1
				1	49	20.9	21.0	20.8	0	21.6	17.1	17.1	17.0	0	17.1
				25	12	20.9	20.9	20.8	0	21.6	17.1	17.0	16.9	0	17.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630500	633332	636166			630500	633332	636166		
						3457.5 MHz	3499.98 MHz	3542.49 MHz			3457.5 MHz	3499.98 MHz	3542.49 MHz		
15	DFT-s	30	π/2 BPSK	1	1	20.7	20.9	20.7	0	21.6	17.1	17.1	17.0	0	17.1
				1	18	20.9	20.8	20.9	0	21.6	17.1	17.1	16.9	0	17.1
				1	36	21.0	20.9	20.7	0	21.6	17.1	17.1	17.0	0	17.1
				18	9	20.9	20.8	20.9	0	21.6	17.1	17.1	16.9	0	17.1
			QPSK	1	1	20.7	20.9	20.9	0	21.6	17.1	17.1	17.0	0	17.1
				1	18	20.7	20.9	21.0	0	21.6	17.1	17.1	16.9	0	17.1
				1	36	20.9	20.8	20.8	0	21.6	17.1	17.1	17.0	0	17.1
				18	9	20.8	21.0	20.9	0	21.6	17.1	17.1	16.9	0	17.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630332	633332	636332			630332	633332	636332		
						3454.98 MHz	3499.98 MHz	3544.98 MHz			3454.98 MHz	3499.98 MHz	3544.98 MHz		
10	DFT-s	30	π/2 BPSK	1	1	20.9	20.9	20.8	0	21.6	17.1	17.0	16.8	0	17.1
				1	11	20.8	20.7	21.0	0	21.6	17.1	17.0	16.8	0	17.1
				1	22	20.8	20.8	21.0	0	21.6	17.1	16.9	16.9	0	17.1
				12	6	20.9	20.9	20.9	0	21.6	17.0	16.8	16.8	0	17.1
			QPSK	1	1	21.0	20.8	20.8	0	21.6	17.1	16.9	16.8	0	17.1
				1	11	20.7	21.0	20.8	0	21.6	17.0	16.9	16.8	0	17.1
				1	22	20.8	20.7	20.8	0	21.6	17.1	16.9	16.8	0	17.1
				12	6	20.8	20.7	20.7	0	21.6	17.0	16.8	16.7	0	17.1

NR Band 77 (Block C) Measured Results (ANT8)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit	[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit
100	DFT-s	30	π/2 BPSK	1	1		21.0	0	21.6		16.4	0	17.1
				1	136		21.1	0	21.6		16.4	0	17.1
				1	271		21.1	0	21.6		16.3	0	17.1
				135	67		21.1	0	21.6		16.4	0	17.1
			QPSK	1	1		21.1	0	21.6		16.4	0	17.1
				1	136		21.1	0	21.6		16.4	0	17.1
				1	271		21.1	0	21.6		16.4	0	17.1
				135	67		21.1	0	21.6		16.4	0	17.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit	[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit
90	DFT-s	30	π/2 BPSK	1	1		21.1	0	21.6		16.4	0	17.1
				1	122		21.1	0	21.6		16.4	0	17.1
				1	243		21.1	0	21.6		16.3	0	17.1
				121	60		21.0	0	21.6		16.3	0	17.1
			QPSK	1	1		21.1	0	21.6		16.4	0	17.1
				1	122		21.1	0	21.6		16.4	0	17.1
				1	243		21.1	0	21.6		16.4	0	17.1
				121	60		21.0	0	21.6		16.4	0	17.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit	[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit
80	DFT-s	30	π/2 BPSK	1	1		21.0	0	21.6		16.4	0	17.1
				1	108		21.1	0	21.6		16.4	0	17.1
				1	215		21.0	0	21.6		16.3	0	17.1
				108	54		21.1	0	21.6		16.4	0	17.1
			QPSK	1	1		21.1	0	21.6		16.4	0	17.1
				1	108		21.0	0	21.6		16.4	0	17.1
				1	215		21.1	0	21.6		16.4	0	17.1
				108	54		21.0	0	21.6		16.4	0	17.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit	[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit
70	DFT-s	30	π/2 BPSK	1	1		21.0	0	21.6		16.4	0	17.1
				1	91		21.1	0	21.6		16.4	0	17.1
				1	187		21.1	0	21.6		16.4	0	17.1
				94	47		21.1	0	21.6		16.4	0	17.1
			QPSK	1	1		21.1	0	21.6		16.4	0	17.1
				1	91		21.1	0	21.6		16.4	0	17.1
				1	187		21.1	0	21.6		16.3	0	17.1
				94	47		21.1	0	21.6		16.4	0	17.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit	[redacted]	656000 / 3840 MHz	MPR	Tune-up Limit
60	DFT-s	30	π/2 BPSK	1	1		21.1	0	21.6		16.4	0	17.1
				1	80		21.1	0	21.6		16.4	0	17.1
				1	160		21.1	0	21.6		16.4	0	17.1
				81	40		21.1	0	21.6		16.4	0	17.1
			QPSK	1	1		21.1	0	21.6		16.4	0	17.1
				1	80		21.1	0	21.6		16.4	0	17.1
				1	160		21.1	0	21.6		16.4	0	17.1
				81	40		21.1	0	21.6		16.4	0	17.1

NR Band 77 (Block C) Measured Results (ANT8) (continued)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						648332	652166	656000	659832	663666			648332	652166	656000	659832	663666		
						3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz			3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	1	21.1	21.1	21.1	21.1	21.1	0	21.6	16.3	16.4	16.4	16.4	16.4	0	17.1
				1	66	21.1	21.1	21.1	21.0	21.1	0	21.6	16.3	16.4	16.4	16.4	16.4	0	17.1
				1	131	21.0	21.1	21.1	21.0	21.1	0	21.6	16.4	16.3	16.3	16.4	16.4	0	17.1
				64	32	21.1	21.0	21.0	21.1	21.0	0	21.6	16.4	16.4	16.3	16.4	16.4	0	17.1
			QPSK	1	1	21.1	21.1	21.0	21.1	21.1	0	21.6	16.4	16.4	16.4	16.4	16.4	0	17.1
				1	66	21.1	21.1	21.1	21.1	21.1	0	21.6	16.3	16.4	16.4	16.4	16.4	0	17.1
				1	131	21.0	21.0	21.1	21.1	21.0	0	21.6	16.4	16.4	16.3	16.3	16.4	0	17.1
				64	32	21.1	21.0	21.1	21.1	21.0	0	21.6	16.4	16.3	16.3	16.4	16.4	0	17.1
BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647998	651998	656000	659998	663998			647998	651998	656000	659998	663998		
						3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz			3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	21.1	21.1	21.1	21.1	21.0	0	21.6	16.4	16.4	16.4	16.4	16.4	0	17.1
				1	52	21.0	21.0	21.0	21.1	21.1	0	21.6	16.3	16.3	16.4	16.3	16.3	0	17.1
				1	104	21.1	21.1	21.1	21.1	21.1	0	21.6	16.4	16.4	16.4	16.4	16.4	0	17.1
				50	25	21.1	21.0	21.1	21.1	21.1	0	21.6	16.4	16.4	16.4	16.4	16.4	0	17.1
			QPSK	1	1	21.1	21.0	21.1	21.0	21.1	0	21.6	16.4	16.4	16.4	16.4	16.4	0	17.1
				1	52	21.0	21.0	21.0	21.1	21.0	0	21.6	16.4	16.3	16.3	16.4	16.3	0	17.1
				1	104	21.0	21.1	21.1	21.1	21.1	0	21.6	16.3	16.4	16.4	16.4	16.4	0	17.1
				50	25	21.1	21.0	21.1	21.1	21.1	0	21.6	16.4	16.3	16.4	16.4	16.4	0	17.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647666	651832	656000	660166	664332			647666	651832	656000	660166	664332		
						3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz			3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	21.1	21.1	21.0	21.1	21.1	0	21.6	16.4	16.4	16.4	16.4	16.4	0	17.1
				1	38	21.1	21.1	21.1	21.0	21.1	0	21.6	16.4	16.3	16.4	16.3	16.4	0	17.1
				1	76	21.1	21.1	21.1	21.1	21.1	0	21.6	16.4	16.4	16.4	16.4	16.4	0	17.1
				36	18	21.1	21.0	21.0	21.0	21.1	0	21.6	16.4	16.4	16.4	16.3	16.4	0	17.1
			QPSK	1	1	21.1	21.1	21.1	21.1	21.1	0	21.6	16.4	16.3	16.3	16.4	16.4	0	17.1
				1	38	21.1	21.0	21.0	21.1	21.0	0	21.6	16.4	16.4	16.3	16.3	16.4	0	17.1
				1	76	21.1	21.1	21.1	21.1	21.1	0	21.6	16.4	16.4	16.4	16.3	16.4	0	17.1
				36	18	21.1	21.0	21.1	21.1	21.0	0	21.6	16.4	16.3	16.3	16.3	16.4	0	17.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647332	651666	656000	660332	664666			647332	651666	656000	660332	664666		
						3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz			3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	21.1	21.1	21.1	21.1	21.1	0	21.6	16.4	16.4	16.3	16.3	16.4	0	17.1
				1	25	21.1	21.1	21.1	21.1	21.0	0	21.6	16.3	16.4	16.4	16.3	16.3	0	17.1
				1	49	21.0	21.1	21.1	21.1	21.0	0	21.6	16.3	16.4	16.3	16.4	16.4	0	17.1
				25	12	21.0	21.0	21.1	21.1	21.0	0	21.6	16.3	16.3	16.4	16.4	16.3	0	17.1
			QPSK	1	1	21.1	21.1	21.1	21.1	21.1	0	21.6	16.4	16.4	16.4	16.4	16.4	0	17.1
				1	25	21.0	21.1	21.1	21.1	21.0	0	21.6	16.3	16.4	16.4	16.4	16.3	0	17.1
				1	49	21.1	21.1	21.1	21.1	21.1	0	21.6	16.4	16.4	16.4	16.4	16.4	0	17.1
				25	12	21.1	21.1	21.0	21.0	21.1	0	21.6	16.3	16.4	16.4	16.4	16.4	0	17.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647166	651582	656000	660416	664832			647166	651582	656000	660416	664832		
						3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz			3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	1	21.1	21.1	21.1	21.1	21.0	0	21.6	16.4	16.3	16.4	16.3	16.4	0	17.1
				1	18	21.0	21.1	21.1	21.1	21.1	0	21.6	16.3	16.4	16.4	16.4	16.3	0	17.1
				1	36	21.1	21.1	21.1	21.1	21.1	0	21.6	16.3	16.4	16.4	16.4	16.4	0	17.1
				18	9	21.0	21.1	21.1	21.1	21.1	0	21.6	16.4	16.4	16.3	16.4	16.3	0	17.1
			QPSK	1	1	21.1	21.1	21.1	21.1	21.1	0	21.6	16.4	16.4	16.4	16.4	16.4	0	17.1
				1	18	21.0	21.1	21.1	21.0	21.1	0	21.6	16.3	16.3	16.4	16.4	16.3	0	17.1
				1	36	21.1	21.1	21.1	21.1	21.1	0	21.6	16.4	16.3	16.4	16.3	16.4	0	17.1
				18	9	21.1	21.0	21.0	21.1	21.1	0	21.6	16.3	16.4	16.3	16.3	16.4	0	17.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						646998	651498	656000	660498	664998			646998	651498	656000	660498	664998		
						3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz			3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz		
10	DFT-s	30	π/2 BPSK	1	1	21.1	21.1	21.1	21.1	21.1	0	21.6	16.3	16.3	16.3	16.4	16.3	0	17.1
				1	11	21.1	21.1	21.1	21.1	21.1	0	21.6	16.4	16.4	16.4	16.4	16.3	0	17.1
				1	22	21.1	21.1	21.1	21.0	21.1	0	21.6	16.4	16.4	16.4	16.4	16.3	0	17.1
				12	6	21.0	21.1	21.1	21.0	21.1	0	21.6	16.4	16.3	16.3	16.4	16.4	0	17.1
			QPSK	1	1	21.1	21.1	21.1	21.1	21.1	0	21.6	16.4	16.4	16.4	16.4	16.4	0	17.1
				1	11	21.1	21.1	21.1	21.1	21.1	0	21.6	16.4	16.4	16.4	16.4	16.4	0	17.1
				1	22	21.1	21.0	21.1	21.0	21.0	0	21.6	16.4	16.4	16.3	16.3	16.3	0	17.1
				12	6	21.1	21.0	21.1	21.1	21.1	0	21.6	16.4	16.3	16.4	16.4	16.4	0	17.1

NR Band 77 (Block A) Measured Results (ANT9)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
100	DFT-s	30	π/2 BPSK	1	1	21.0	0	21.9	15.8	0	15.8
				1	136	21.0	0	21.9	15.8	0	15.8
				1	271	20.8	0	21.9	15.8	0	15.8
				135	67	20.9	0	21.9	15.8	0	15.8
			QPSK	1	1	20.9	0	21.9	15.7	0	15.8
				1	136	20.8	0	21.9	15.7	0	15.8
				1	271	20.8	0	21.9	15.7	0	15.8
				135	67	20.8	0	21.9	15.5	0	15.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
90	DFT-s	30	π/2 BPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	122	20.7	0	21.9	15.7	0	15.8
				1	243	20.8	0	21.9	15.7	0	15.8
				121	60	20.7	0	21.9	15.7	0	15.8
			QPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	122	20.8	0	21.9	15.7	0	15.8
				1	243	20.8	0	21.9	15.7	0	15.8
				121	60	20.7	0	21.9	15.7	0	15.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
80	DFT-s	30	π/2 BPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	108	20.8	0	21.9	15.6	0	15.8
				1	215	20.7	0	21.9	15.7	0	15.8
				108	54	20.7	0	21.9	15.7	0	15.8
			QPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	108	20.8	0	21.9	15.6	0	15.8
				1	215	20.8	0	21.9	15.7	0	15.8
				108	54	20.8	0	21.9	15.7	0	15.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
70	DFT-s	30	π/2 BPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	91	20.7	0	21.9	15.6	0	15.8
				1	187	20.7	0	21.9	15.6	0	15.8
				94	47	20.8	0	21.9	15.6	0	15.8
			QPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	91	20.8	0	21.9	15.7	0	15.8
				1	187	20.8	0	21.9	15.7	0	15.8
				94	47	20.7	0	21.9	15.7	0	15.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
60	DFT-s	30	π/2 BPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	80	20.8	0	21.9	15.7	0	15.8
				1	160	20.8	0	21.9	15.7	0	15.8
				81	40	20.8	0	21.9	15.7	0	15.8
			QPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	80	20.8	0	21.9	15.7	0	15.8
				1	160	20.8	0	21.9	15.7	0	15.8
				81	40	20.8	0	21.9	15.7	0	15.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
50	DFT-s	30	π/2 BPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	66	20.8	0	21.9	15.7	0	15.8
				1	131	20.8	0	21.9	15.6	0	15.8
				64	32	20.8	0	21.9	15.6	0	15.8
			QPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	66	20.8	0	21.9	15.6	0	15.8
				1	131	20.8	0	21.9	15.7	0	15.8
				64	32	20.7	0	21.9	15.7	0	15.8

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
40	DFT-s	30	π/2 BPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	52	20.7	0	21.9	15.7	0	15.8
				1	104	20.8	0	21.9	15.7	0	15.8
				50	25	20.8	0	21.9	15.6	0	15.8
			QPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	52	20.8	0	21.9	15.6	0	15.8
				1	104	20.8	0	21.9	15.7	0	15.8
				50	25	20.7	0	21.9	15.6	0	15.8

NR Band 77 (Block A) Measured Results (ANT9) (continued)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	633332	[redacted]			[redacted]	633332	[redacted]		
							3499.98 MHz					3499.98 MHz			
30	DFT-s	30	π/2 BPSK	1	1		20.8		0	21.9		15.7		0	15.8
				1	38		20.7		0	21.9		15.6		0	15.8
				1	76		20.8		0	21.9		15.7		0	15.8
				36	18		20.8		0	21.9		15.6		0	15.8
			QPSK	1	1		20.8		0	21.9		15.7		0	15.8
				1	38		20.7		0	21.9		15.6		0	15.8
				1	76		20.8		0	21.9		15.7		0	15.8
				36	18		20.7		0	21.9		15.6		0	15.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630832	633332	635832			630832	633332	635832		
						3462.48 MHz	3499.98 MHz	3537.48 MHz			3462.48 MHz	3499.98 MHz	3537.48 MHz		
25	DFT-s	30	π/2 BPSK	1	1	20.8	20.8	20.8	0	21.9	15.7	15.6	15.6	0	15.8
				1	32	20.8	20.8	20.8	0	21.9	15.6	15.6	15.6	0	15.8
				1	63	20.8	20.8	20.8	0	21.9	15.7	15.7	15.7	0	15.8
				32	16	20.7	20.8	20.7	0	21.9	15.7	15.6	15.6	0	15.8
			QPSK	1	1	20.8	20.8	20.7	0	21.9	15.7	15.7	15.7	0	15.8
				1	32	20.7	20.8	20.8	0	21.9	15.7	15.6	15.6	0	15.8
				1	63	20.8	20.8	20.7	0	21.9	15.7	15.7	15.7	0	15.8
				32	16	20.7	20.7	20.7	0	21.9	15.7	15.6	15.6	0	15.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630666	633332	635998			630666	633332	635998		
						3459.99 MHz	3499.98 MHz	3539.97 MHz			3459.99 MHz	3499.98 MHz	3539.97 MHz		
20	DFT-s	30	π/2 BPSK	1	1	20.8	20.7	20.8	0	21.9	15.7	15.6	15.6	0	15.8
				1	25	20.7	20.8	20.7	0	21.9	15.6	15.6	15.7	0	15.8
				1	49	20.8	20.8	20.7	0	21.9	15.6	15.7	15.7	0	15.8
				25	12	20.7	20.8	20.7	0	21.9	15.6	15.6	15.6	0	15.8
			QPSK	1	1	20.8	20.8	20.7	0	21.9	15.7	15.7	15.7	0	15.8
				1	25	20.8	20.8	20.8	0	21.9	15.7	15.6	15.6	0	15.8
				1	49	20.8	20.8	20.7	0	21.9	15.7	15.7	15.7	0	15.8
				25	12	20.8	20.8	20.7	0	21.9	15.7	15.6	15.5	0	15.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630500	633332	636166			630500	633332	636166		
						3457.5 MHz	3499.98 MHz	3542.49 MHz			3457.5 MHz	3499.98 MHz	3542.49 MHz		
15	DFT-s	30	π/2 BPSK	1	1	20.8	20.7	20.8	0	21.9	15.7	15.7	15.6	0	15.8
				1	18	20.8	20.6	20.7	0	21.9	15.6	15.6	15.6	0	15.8
				1	36	20.8	20.7	20.8	0	21.9	15.6	15.7	15.7	0	15.8
				18	9	20.8	20.6	20.6	0	21.9	15.6	15.6	15.6	0	15.8
			QPSK	1	1	20.8	20.8	20.8	0	21.9	15.7	15.7	15.7	0	15.8
				1	18	20.8	20.7	20.7	0	21.9	15.6	15.6	15.6	0	15.8
				1	36	20.8	20.7	20.8	0	21.9	15.7	15.7	15.7	0	15.8
				18	9	20.7	20.6	20.7	0	21.9	15.6	15.6	15.7	0	15.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630332	633332	636332			630332	633332	636332		
						3454.98 MHz	3499.98 MHz	3544.98 MHz			3454.98 MHz	3499.98 MHz	3544.98 MHz		
10	DFT-s	30	π/2 BPSK	1	1	20.7	20.7	20.7	0	21.9	15.6	15.5	15.5	0	15.8
				1	11	20.8	20.7	20.7	0	21.9	15.6	15.5	15.5	0	15.8
				1	22	20.7	20.7	20.7	0	21.9	15.6	15.5	15.5	0	15.8
				12	6	20.7	20.7	20.8	0	21.9	15.5	15.5	15.5	0	15.8
			QPSK	1	1	20.8	20.7	20.8	0	21.9	15.5	15.6	15.5	0	15.8
				1	11	20.7	20.7	20.8	0	21.9	15.6	15.6	15.6	0	15.8
				1	22	20.7	20.8	20.8	0	21.9	15.6	15.6	15.6	0	15.8
				12	6	20.7	20.7	20.8	0	21.9	15.5	15.5	15.6	0	15.8

NR Band 77 (Block C) Measured Results (ANT9)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
100	DFT-s	30	π/2 BPSK	1	1	21.0	0	21.9	15.7	0	15.8
				1	136	21.0	0	21.9	15.8	0	15.8
				1	271	21.0	0	21.9	15.6	0	15.8
				135	67	21.0	0	21.9	15.8	0	15.8
			QPSK	1	1	21.0	0	21.9	15.6	0	15.8
				1	136	21.0	0	21.9	15.7	0	15.8
				1	271	21.0	0	21.9	15.7	0	15.8
				135	67	21.0	0	21.9	15.6	0	15.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
90	DFT-s	30	π/2 BPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	122	20.8	0	21.9	15.7	0	15.8
				1	243	20.9	0	21.9	15.7	0	15.8
				121	60	20.7	0	21.9	15.7	0	15.8
			QPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	122	20.8	0	21.9	15.7	0	15.8
				1	243	20.7	0	21.9	15.7	0	15.8
				121	60	20.8	0	21.9	15.7	0	15.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
80	DFT-s	30	π/2 BPSK	1	1	20.7	0	21.9	15.7	0	15.8
				1	108	20.8	0	21.9	15.7	0	15.8
				1	215	20.8	0	21.9	15.7	0	15.8
				108	54	21.0	0	21.9	15.7	0	15.8
			QPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	108	20.8	0	21.9	15.7	0	15.8
				1	215	20.9	0	21.9	15.7	0	15.8
				108	54	20.9	0	21.9	15.7	0	15.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
70	DFT-s	30	π/2 BPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	91	20.8	0	21.9	15.7	0	15.8
				1	187	20.8	0	21.9	15.7	0	15.8
				94	47	20.7	0	21.9	15.7	0	15.8
			QPSK	1	1	20.8	0	21.9	15.7	0	15.8
				1	91	21.0	0	21.9	15.7	0	15.8
				1	187	20.9	0	21.9	15.7	0	15.8
				94	47	20.8	0	21.9	15.7	0	15.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
60	DFT-s	30	π/2 BPSK	1	1	20.9	0	21.9	15.7	0	15.8
				1	80	21.0	0	21.9	15.7	0	15.8
				1	160	20.8	0	21.9	15.7	0	15.8
				81	40	20.9	0	21.9	15.7	0	15.8
			QPSK	1	1	20.9	0	21.9	15.7	0	15.8
				1	80	20.8	0	21.9	15.7	0	15.8
				1	160	21.0	0	21.9	15.7	0	15.8
				81	40	20.9	0	21.9	15.7	0	15.8

NR Band 77 (Block C) Measured Results (ANT9) (continued)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						648332	652166	656000	659832	663666			648332	652166	656000	659832	663666		
						3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz			3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	1	20.9	21.0	20.8	20.9	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	66	20.9	20.8	20.8	20.8	20.7	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	131	21.0	20.8	20.8	20.9	20.7	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				64	32	21.0	20.9	20.8	20.8	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
			QPSK	1	1	20.9	20.9	20.9	20.8	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	66	20.7	20.9	20.7	21.0	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	131	20.8	20.9	20.8	20.7	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				64	32	21.0	20.9	20.7	20.9	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647998	651998	656000	659998	663998			647998	651998	656000	659998	663998		
						3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz			3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	20.9	21.0	20.8	20.9	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	52	20.7	20.7	20.9	20.8	20.7	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	104	20.7	21.0	21.0	20.9	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				50	25	21.0	20.9	21.0	20.9	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
			QPSK	1	1	20.7	20.7	20.8	20.8	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	52	20.9	20.8	20.9	20.8	21.0	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	104	20.9	21.0	20.7	20.9	20.7	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				50	25	20.7	20.8	20.8	20.9	21.0	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647666	651832	656000	660166	664332			647666	651832	656000	660166	664332		
						3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz			3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	20.8	20.9	20.7	20.7	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	38	20.9	21.0	20.7	20.8	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	76	20.9	20.9	20.8	20.9	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				36	18	20.7	20.9	20.7	20.8	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
			QPSK	1	1	21.0	20.8	20.8	20.9	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	38	20.8	20.7	20.9	20.9	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	76	20.9	20.7	20.9	21.0	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				36	18	20.9	20.7	20.9	21.0	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647498	651748	656000	660248	664498			647498	651748	656000	660248	664498		
						3712.47 MHz	3776.22 MHz	3840 MHz	3903.72 MHz	3967.47 MHz			3712.47 MHz	3776.22 MHz	3840 MHz	3903.72 MHz	3967.47 MHz		
25	DFT-s	30	π/2 BPSK	1	1	20.9	21.0	20.7	20.7	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	32	20.8	20.9	20.8	20.8	20.7	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	63	21.0	20.8	21.0	20.9	20.7	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				32	16	20.7	20.8	20.9	20.9	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
			QPSK	1	1	20.8	20.9	20.8	20.7	21.0	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	32	20.7	20.9	20.7	21.0	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	63	20.9	20.9	20.8	20.8	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				32	16	20.9	20.8	21.0	20.9	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647332	651666	656000	660332	664666			647332	651666	656000	660332	664666		
						3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz			3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	20.9	20.8	21.0	20.8	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	25	20.7	21.0	21.0	20.9	20.7	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	49	20.7	21.0	21.0	20.9	20.7	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				25	12	21.0	21.0	20.9	20.8	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
			QPSK	1	1	20.9	20.7	20.7	20.9	20.7	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	25	21.0	20.8	20.9	20.8	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	49	21.0	20.9	20.8	20.9	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				25	12	20.8	21.0	20.9	21.0	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647166	651582	656000	660416	664832			647166	651582	656000	660416	664832		
						3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz			3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	1	20.7	20.9	20.8	20.7	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	18	20.8	20.8	20.7	20.9	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	36	20.8	20.8	20.8	20.9	21.0	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				18	9	20.9	20.9	20.9	20.9	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
			QPSK	1	1	20.8	20.7	20.9	21.0	21.0	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	18	21.0	20.8	20.9	20.9	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	36	20.8	20.9	20.9	20.8	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				18	9	21.0	20.9	20.7	20.7	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						646998	651498	656000	660498	664998			646998	651498	656000	660498	664998		
						3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz			3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz		
10	DFT-s	30	π/2 BPSK	1	1	20.9	20.8	20.9	20.8	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	11	20.9	20.8	20.8	20.8	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	22	20.9	20.8	20.8	20.8	21.0	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				12	6	20.7	20.9	20.8	21.0	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
			QPSK	1	1	20.8	21.0	20.8	20.9	20.8	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	11	20.7	20.8	20.7	20.8	20.9	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				1	22	20.8	20.8	20.9	20.8	20.7	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8
				12	6	20.8	21.0	20.8	20.8	21.0	0	21.9	15.7	15.7	15.7	15.7	15.7	0	15.8

NR Band 77 (Block A) Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit
100	DFT-s	30	π/2 BPSK	1	1	19.5	0	19.7	18.0	0	18.5
				1	136	19.6	0	19.7	18.1	0	18.5
				1	271	19.3	0	19.7	17.8	0	18.5
				135	67	19.6	0	19.7	18.0	0	18.5
			QPSK	1	1	19.5	0	19.7	18.0	0	18.5
				1	136	19.4	0	19.7	17.8	0	18.5
				1	271	19.4	0	19.7	17.8	0	18.5
				135	67	19.3	0	19.7	17.8	0	18.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit
90	DFT-s	30	π/2 BPSK	1	1	19.2	0	19.7	17.9	0	18.5
				1	122	19.2	0	19.7	17.9	0	18.5
				1	243	19.2	0	19.7	17.9	0	18.5
				121	60	19.2	0	19.7	17.9	0	18.5
			QPSK	1	1	19.2	0	19.7	17.9	0	18.5
				1	122	19.3	0	19.7	17.9	0	18.5
				1	243	19.2	0	19.7	17.9	0	18.5
				121	60	19.3	0	19.7	17.9	0	18.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit
80	DFT-s	30	π/2 BPSK	1	1	19.3	0	19.7	17.9	0	18.5
				1	108	19.2	0	19.7	17.9	0	18.5
				1	215	19.2	0	19.7	18.0	0	18.5
				108	54	19.2	0	19.7	17.9	0	18.5
			QPSK	1	1	19.3	0	19.7	17.9	0	18.5
				1	108	19.2	0	19.7	17.9	0	18.5
				1	215	19.3	0	19.7	17.9	0	18.5
				108	54	19.2	0	19.7	17.9	0	18.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit
70	DFT-s	30	π/2 BPSK	1	1	19.3	0	19.7	17.9	0	18.5
				1	91	19.2	0	19.7	17.9	0	18.5
				1	187	19.2	0	19.7	17.8	0	18.5
				94	47	19.2	0	19.7	18.0	0	18.5
			QPSK	1	1	19.2	0	19.7	17.9	0	18.5
				1	91	19.3	0	19.7	18.0	0	18.5
				1	187	19.2	0	19.7	17.9	0	18.5
				94	47	19.3	0	19.7	18.0	0	18.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit
60	DFT-s	30	π/2 BPSK	1	1	19.3	0	19.7	18.0	0	18.5
				1	80	19.3	0	19.7	18.0	0	18.5
				1	160	19.2	0	19.7	17.9	0	18.5
				81	40	19.3	0	19.7	18.0	0	18.5
			QPSK	1	1	19.4	0	19.7	18.0	0	18.5
				1	80	19.3	0	19.7	18.1	0	18.5
				1	160	19.2	0	19.7	17.9	0	18.5
				81	40	19.3	0	19.7	18.0	0	18.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit
50	DFT-s	30	π/2 BPSK	1	1	19.3	0	19.7	18.1	0	18.5
				1	66	19.3	0	19.7	17.9	0	18.5
				1	131	19.2	0	19.7	17.8	0	18.5
				64	32	19.2	0	19.7	17.9	0	18.5
			QPSK	1	1	19.4	0	19.7	18.0	0	18.5
				1	66	19.2	0	19.7	18.0	0	18.5
				1	131	19.2	0	19.7	17.9	0	18.5
				64	32	19.3	0	19.7	17.9	0	18.5

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 / 3499.98 MHz	MPR	Tune-up Limit
40	DFT-s	30	π/2 BPSK	1	1	19.4	0	19.7	18.0	0	18.5
				1	52	19.3	0	19.7	17.9	0	18.5
				1	104	19.3	0	19.7	18.0	0	18.5
				50	25	19.2	0	19.7	18.0	0	18.5
			QPSK	1	1	19.3	0	19.7	18.0	0	18.5
				1	52	19.3	0	19.7	18.0	0	18.5
				1	104	19.2	0	19.7	18.0	0	18.5
				50	25	19.2	0	19.7	18.0	0	18.5

NR Band 77 (Block A) Measured Results (ANT4) (continued)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	633332	[redacted]			[redacted]	633332	[redacted]		
							3499.98 MHz					3499.98 MHz			
30	DFT-s	30	π/2 BPSK	1	1		19.3		0	19.7		18.0		0	18.5
				1	38		19.2		0	19.7		17.9		0	18.5
				1	76		19.2		0	19.7		18.0		0	18.5
				36	18		19.2		0	19.7		17.9		0	18.5
			QPSK	1	1		19.2		0	19.7		18.0		0	18.5
				1	38		19.3		0	19.7		17.9		0	18.5
				1	76		19.3		0	19.7		18.0		0	18.5
				36	18		19.2		0	19.7		17.9		0	18.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630666	633332	635998			630666	633332	635998		
						3459.99 MHz	3499.98 MHz	3539.97 MHz			3459.99 MHz	3499.98 MHz	3539.97 MHz		
20	DFT-s	30	π/2 BPSK	1	1	19.2	19.2	19.3	0	19.7	17.9	17.9	18.0	0	18.5
				1	25	19.3	19.2	19.2	0	19.7	18.0	17.8	17.9	0	18.5
				1	49	19.3	19.2	19.2	0	19.7	18.0	17.9	17.9	0	18.5
				25	12	19.3	19.2	19.2	0	19.7	17.8	17.8	17.9	0	18.5
			QPSK	1	1	19.2	19.2	19.3	0	19.7	18.0	17.9	18.0	0	18.5
				1	25	19.2	19.2	19.2	0	19.7	17.9	17.8	17.9	0	18.5
				1	49	19.3	19.2	19.3	0	19.7	18.0	17.9	17.9	0	18.5
				25	12	19.2	19.3	19.2	0	19.7	17.9	17.9	17.9	0	18.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630500	633332	636166			630500	633332	636166		
						3457.5 MHz	3499.98 MHz	3542.49 MHz			3457.5 MHz	3499.98 MHz	3542.49 MHz		
15	DFT-s	30	π/2 BPSK	1	1	19.2	19.2	19.3	0	19.7	17.9	17.8	17.9	0	18.5
				1	18	19.2	19.2	19.2	0	19.7	17.9	17.8	17.9	0	18.5
				1	36	19.3	19.2	19.3	0	19.7	18.0	17.9	18.0	0	18.5
				18	9	19.2	19.1	19.2	0	19.7	17.9	17.8	18.0	0	18.5
			QPSK	1	1	19.3	19.2	19.3	0	19.7	18.0	17.8	18.0	0	18.5
				1	18	19.3	19.2	19.2	0	19.7	17.9	17.9	18.0	0	18.5
				1	36	19.3	19.3	19.3	0	19.7	18.0	17.9	18.0	0	18.5
				18	9	19.3	19.2	19.2	0	19.7	18.0	17.8	17.9	0	18.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630332	633332	636332			630332	633332	636332		
						3454.98 MHz	3499.98 MHz	3544.98 MHz			3454.98 MHz	3499.98 MHz	3544.98 MHz		
10	DFT-s	30	π/2 BPSK	1	1	19.2	19.2	19.2	0	19.7	18.0	17.9	17.8	0	18.5
				1	11	19.2	19.2	19.2	0	19.7	17.9	17.9	17.9	0	18.5
				1	22	19.2	19.2	19.2	0	19.7	17.9	17.9	17.9	0	18.5
				12	6	19.2	19.2	19.2	0	19.7	17.9	17.9	17.9	0	18.5
			QPSK	1	1	19.3	19.2	19.2	0	19.7	17.9	17.9	17.9	0	18.5
				1	11	19.2	19.2	19.2	0	19.7	18.0	17.9	17.9	0	18.5
				1	22	19.3	19.2	19.2	0	19.7	17.9	17.8	17.8	0	18.5
				12	6	19.3	19.2	19.2	0	19.7	17.9	17.9	17.8	0	18.5

NR Band 77 (Block C) Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						656000		MPR	Tune-up Limit	656000		MPR	Tune-up Limit
						3840 MHz				3840 MHz			
100	DFT-s	30	π/2 BPSK	1	1	19.4		0	19.7	17.9		0	18.5
				1	136	19.4		0	19.7	17.9		0	18.5
				1	271	19.3		0	19.7	17.7		0	18.5
				135	67	19.3		0	19.7	17.8		0	18.5
			QPSK	1	1	19.4		0	19.7	17.9		0	18.5
				1	136	19.4		0	19.7	17.9		0	18.5
				1	271	19.3		0	19.7	17.7		0	18.5
				135	67	19.3		0	19.7	17.8		0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						656000		MPR	Tune-up Limit	656000		MPR	Tune-up Limit
						3840 MHz				3840 MHz			
90	DFT-s	30	π/2 BPSK	1	1	19.2		0	19.7	17.8		0	18.5
				1	122	19.2		0	19.7	17.8		0	18.5
				1	243	19.2		0	19.7	17.8		0	18.5
				121	60	19.2		0	19.7	17.8		0	18.5
			QPSK	1	1	19.2		0	19.7	17.8		0	18.5
				1	122	19.2		0	19.7	17.8		0	18.5
				1	243	19.2		0	19.7	17.8		0	18.5
				121	60	19.2		0	19.7	17.8		0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						656000		MPR	Tune-up Limit	656000		MPR	Tune-up Limit
						3840 MHz				3840 MHz			
80	DFT-s	30	π/2 BPSK	1	1	19.2		0	19.7	17.8		0	18.5
				1	108	19.2		0	19.7	17.8		0	18.5
				1	215	19.2		0	19.7	17.8		0	18.5
				108	54	19.2		0	19.7	17.8		0	18.5
			QPSK	1	1	19.2		0	19.7	17.8		0	18.5
				1	108	19.2		0	19.7	17.8		0	18.5
				1	215	19.2		0	19.7	17.8		0	18.5
				108	54	19.2		0	19.7	17.8		0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						656000		MPR	Tune-up Limit	656000		MPR	Tune-up Limit
						3840 MHz				3840 MHz			
70	DFT-s	30	π/2 BPSK	1	1	19.2		0	19.7	17.8		0	18.5
				1	91	19.2		0	19.7	17.8		0	18.5
				1	187	19.2		0	19.7	17.8		0	18.5
				94	47	19.2		0	19.7	17.8		0	18.5
			QPSK	1	1	19.2		0	19.7	17.8		0	18.5
				1	91	19.2		0	19.7	17.8		0	18.5
				1	187	19.2		0	19.7	17.8		0	18.5
				94	47	19.2		0	19.7	17.8		0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						656000		MPR	Tune-up Limit	656000		MPR	Tune-up Limit
						3840 MHz				3840 MHz			
60	DFT-s	30	π/2 BPSK	1	1	19.2		0	19.7	17.8		0	18.5
				1	80	19.2		0	19.7	17.8		0	18.5
				1	160	19.2		0	19.7	17.8		0	18.5
				81	40	19.2		0	19.7	17.8		0	18.5
			QPSK	1	1	19.2		0	19.7	17.8		0	18.5
				1	80	19.2		0	19.7	17.8		0	18.5
				1	160	19.2		0	19.7	17.8		0	18.5
				81	40	19.2		0	19.7	17.8		0	18.5

NR Band 77 (Block C) Measured Results (ANT4) (continued)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						648332	652166	656000	659832	663666			648332	652166	656000	659832	663666		
						3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz			3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	1	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	66	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	131	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				64	32	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
			QPSK	1	1	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	66	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	131	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				64	32	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647998	651998	656000	659998	663998			647998	651998	656000	659998	663998		
						3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz			3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	52	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	104	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				50	25	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
			QPSK	1	1	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	52	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	104	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				50	25	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647666	651832	656000	660166	664332			647666	651832	656000	660166	664332		
						3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz			3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	38	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	76	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				36	18	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
			QPSK	1	1	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	38	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	76	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				36	18	19.2	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647332	651666	656000	660332	664666			647332	651666	656000	660332	664666		
						3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz			3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	25	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	49	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				25	12	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
			QPSK	1	1	19.2	19.1	19.2	19.0	19.1	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	25	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	49	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				25	12	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647166	651582	656000	660416	664832			647166	651582	656000	660416	664832		
						3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz			3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	1	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	18	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	36	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				18	9	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
			QPSK	1	1	19.2	19.2	19.2	19.0	19.1	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	18	19.0	19.2	19.0	19.2	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	36	19.2	19.0	19.0	19.2	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				18	9	19.0	19.0	19.0	19.2	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						646998	651498	656000	660498	664998			646998	651498	656000	660498	664998		
						3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz			3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz		
10	DFT-s	30	π/2 BPSK	1	1	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	11	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	22	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				12	6	19.0	19.0	19.0	19.0	19.0	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
			QPSK	1	1	19.2	19.2	19.2	19.0	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	11	19.0	19.2	19.2	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				1	22	19.2	19.2	19.0	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5
				12	6	19.0	19.0	19.0	19.2	19.2	0	19.7	17.8	17.8	17.8	17.8	17.8	0	18.5

9.7. Wi-Fi 2.4GHz (DTS Band)

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

Inspection of the SAR plots has shown that there is no overlap of hotspots and the center of antennas is over 100 mm apart. Using the guidance in KDB 248227 section 6.1, no evaluation of MIMO is required and SAR compliance for simultaneous transmission is determined separately for each individual antenna.

Tune-up Output Power for Wi-Fi 2.4 GHz

The table below is the Maximum power for this device. The highlighted values indicates what the overall worst case transmission mode will be required for SAR testing per channel. In the Wi-Fi 2.4 GHz(P_{Cell_OFF} and P_{Cell_ON}) table, the highlighted worst case Low/Mid/High channels are selected for Mode A and Mode B.

Channel	Frequency (MHz)	Tune-up Output Power (dBm)																								
		ANT3 / ANT4																								
		SISO														MIMO										
		b (SISO)	g (SISO) Low Rate	g (SISO) Mid Rate	g (SISO) High Rate	11n/11ac HT20 (SISO) Low Rate	11n/11ac HT20 (SISO) Mid Rate	11n/11ac HT20 (SISO) High Rate	11ax HE20 (SISO) Low Rate	11ax HE20 (SISO) Mid Rate	11ax HE20 (SISO) High Rate	11ax HE20 RU242 (SISO)	11ax HE20 RU106 (SISO)	11ax HE20 RU52 (SISO)	11ax HE20 RU26 (SISO)	11n/11ac HT20 (2Tx, nonTXBF) Low Rate	11n/11ac HT20 (2Tx, nonTXBF) Mid Rate	11n/11ac HT20 (2Tx, nonTXBF) High Rate	11ax HE20 (2Tx, nonTXBF) Low Rate	11ax HE20 (2Tx, nonTXBF) Mid Rate	11ax HE20 (2Tx, nonTXBF) High Rate	11ax HE20 RU242 (2Tx, nonTxBF)	11ax HE20 RU106 (2Tx, nonTxBF)	11ax HE20 RU52 (2Tx, nonTxBF)	11ax HE20 RU26 (2Tx, nonTxBF)
1	2412	**20.5**	18.0	17.8	17.5	18.0	17.8	17.5	17.0	16.5	16.0	16.0	16.0	15.0	12.0	17.5	17.0	16.5	16.0	15.5	15.0	15.0	15.0	15.0	12.0
2	2417	**21.5**	19.5	19.5	19.5	19.5	19.5	19.5	18.0	18.0	18.0	18.0	18.0	15.0	12.0	18.5	18.5	18.5	17.0	17.0	17.0	17.0	17.0	15.0	12.0
3	2422	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	20.0	20.0	20.0	19.0	19.0	19.0	19.0	18.0	15.0	12.0
4	2427	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
5	2432	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
6	2437	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
7	2442	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
8	2447	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
9	2452	**21.5**	21.0	21.0	21.0	21.0	21.0	21.0	21.5	21.5	21.5	21.5	18.0	15.0	12.0	19.5	19.5	19.5	18.5	18.5	18.5	18.5	18.0	15.0	12.0
10	2457	**21.5**	19.5	19.5	19.5	19.5	19.5	19.5	18.0	18.0	18.0	18.0	18.0	15.0	12.0	18.5	18.5	18.5	17.0	17.0	17.0	17.0	17.0	15.0	12.0
11	2462	**21.5**	18.5	18.0	17.5	18.5	18.0	17.5	17.0	16.5	16.0	16.0	16.0	15.0	12.0	17.5	17.0	16.5	16.0	15.5	15.0	15.0	15.0	15.0	12.0
12	2467	**20.5**	16.0	15.8	15.5	16.0	15.8	15.5	15.0	14.5	14.0	14.0	14.0	14.0	12.0	15.0	14.5	14.0	14.0	13.5	13.0	13.0	13.0	13.0	12.0
13	2472	**18.0**	13.0	12.5	12.0	13.0	12.5	12.0	9.0	8.8	8.5	8.5	3.0	0.0	0.0	12.0	11.8	11.5	8.5	8.3	8.0	8.0	2.5	0.0	0.0

Wi-Fi 2.4 GHz(P_{Cell_OFF} and P_{Cell_ON})

For 2.4 GHz band, there are three use cases:

- $P_{Cell\ OFF}$: This will be used when only Wi-Fi radio is ON and WWAN (Sub-6 GHz) is OFF.
- $P_{Cell\ ON}$: This will be used when Wi-Fi radio and Sub 6GHz are ON and 5G FR2 is OFF.
- $P_{Cell\ ON\ (5G\ FR2\ ON)}$: This will be used when the Wi-Fi radio and only 5G FR2 are ON.[3]

Mode	Channel	Frequency (MHz)	Tune-up Output Power (dBm) $P_{Cell\ OFF}$				Tune-up Output Power (dBm) $P_{Cell\ ON}$				Tune-up Output Power (dBm) $P_{Cell\ ON\ (5G\ FR2\ ON)}$			
			ANT3		ANT4		ANT3		ANT4		ANT3		ANT4	
			Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
802.11b DSSS (SISO)	1	2412	20.50	20.00	19.75	20.50	20.50	16.75	15.25	17.25	20.50	15.75	15.25	16.25
	2	2417	21.50	20.00	19.75	20.50	21.00	16.75	15.25	17.25	21.00	15.75	15.25	16.25
	3	2422	21.50	20.00	19.75	20.50	21.00	16.75	15.25	17.25	21.00	15.75	15.25	16.25
	4	2427	21.50	20.00	19.75	20.50	21.00	16.75	15.25	17.25	21.00	15.75	15.25	16.25
	5	2432	21.50	20.00	19.75	20.50	21.00	16.75	15.25	17.25	21.00	15.75	15.25	16.25
	6	2437	21.50	20.00	19.75	20.50	21.00	16.75	15.25	17.25	21.00	15.75	15.25	16.25
	7	2442	21.50	20.00	19.75	20.50	21.00	16.75	15.25	17.25	21.00	15.75	15.25	16.25
	8	2447	21.50	20.00	19.75	20.50	21.00	16.75	15.25	17.25	21.00	15.75	15.25	16.25
	9	2452	21.50	20.00	19.75	20.50	21.00	16.75	15.25	17.25	21.00	15.75	15.25	16.25
	10	2457	21.50	20.00	19.75	20.50	21.00	16.75	15.25	17.25	21.00	15.75	15.25	16.25
	11	2462	21.50	20.00	19.75	20.50	21.00	16.75	15.25	17.25	21.00	15.75	15.25	16.25
	12	2467	20.50	20.00	19.75	20.50	20.50	16.75	15.25	17.25	20.50	15.75	15.25	16.25
	13	2472	18.00	18.00	18.00	18.00	18.00	16.75	15.25	17.25	18.00	15.75	15.25	16.25

3 Refer to the accompanied Part 1 report for TER analysis. The SAR report will not include this power state for its Simultaneous Transmission scenario.

Wi-Fi 2.4GHz Measured Results

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

SAR Test reduction was applied from KDB 248227 guidance, Sec. 2.1, b), 1) when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11g/n/ac/ax mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, for each frequency band. Additional output power measurements were not deemed necessary.

SAR testing is not required for OFDM mode(s) when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.

Power Mode	Antenna	Mode	Power Mode A					Power Mode B				
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)
P_{Cell_OFF}	ANT3	DSSS 802.11b	2	2417	20.19	21.50	Yes	1	2412	19.47	20.00	Yes
			6	2437	20.19	21.50		6	2437	19.54	20.00	
			11	2462	20.10	21.50		11	2462	19.51	20.00	
	ANT4	DSSS 802.11b	1	2412	17.88	19.75	Yes	1	2412	19.65	20.50	Yes
			6	2437	17.92	19.75		6	2437	19.99	20.50	
			11	2462	17.51	19.75		11	2462	19.22	20.50	
Power Mode	Antenna	Mode	Power Mode A					Power Mode B				
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)
P_{Cell_ON}	ANT3	DSSS 802.11b	2	2417	18.92	21.00	Yes	1	2412	15.88	16.75	Yes
			6	2437	19.04	21.00		6	2437	15.64	16.75	
			11	2462	19.00	21.00		11	2462	15.66	16.75	
	ANT4	DSSS 802.11b	1	2412	14.03	15.25	Yes	1	2412	15.94	17.25	Yes
			6	2437	14.11	15.25		6	2437	16.14	17.25	
			11	2462	13.54	15.25		11	2462	15.33	17.25	

Note(s):

1. SAR is not required for channel 12 and 13 because the tune-up limit and the measured output power for these two channels are not greater than those for the default test channels. Refer to KDB 248227 D01 section 3.1.
2. $P_{Cell\ ON\ (5G\ FR2\ ON)}$ and $P_{Cell\ ON}$ share the same measured power. Power for both power modes were measured using the same setting. With power being within 2 dB of both tune-up limits, $P_{Cell\ ON}$ will experience greater scaling, thus representing a more conservative value.

9.8. Wi-Fi 5GHz (U-NII Bands)

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

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

Inspection of the SAR plots has shown that there is no overlap of hotspots and the center of antennas is over 100 mm apart. Using the guidance in KDB 248227 section 6.1, no evaluation of MIMO is required and SAR compliance for simultaneous transmission is determined separately for each individual antenna.

Tune-up Output Power for Wi-Fi 5 GHz

The table below is the Maximum power for this device. The highlighted values indicates what the overall worst case transmission mode will be required for SAR testing per channel. In the Wi-Fi 5 GHz(P_{Cell_OFF} and P_{Cell_ON}) table, the highlighted worst case Low/Mid/High channels are selected for Mode A and Mode B.

Tune-up Output Power (dBm) — ANT5 / ANT6 — SISO

Bandwidth	Band	Channel	Frequency (MHz)	a (SISO) Low Rate	a (SISO) Mid Rate	a (SISO) High Rate	11n/11ac HT20 (SISO) Low Rate	11n/11ac HT20 (SISO) Mid Rate	11n/11ac HT20 (SISO) High Rate	11ax HE20 (SISO) Low Rate	11ax HE20 (SISO) Mid Rate	11ax HE20 (SISO) High Rate	FCC 11ax HE20 RU242 (SISO)	FCC 11ax HE20 RU106 (SISO)	FCC 11ax HE20 RU52 (SISO)	FCC 11ax HE20 RU26 (SISO)
20 MHz	U-NII-1	36	5180	19.0	18.8	18.5	19.0	18.8	18.5	18.5	18.3	18.0	18.0	17.8	15.0	12.0
		40	5200	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		44	5220	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		48	5240	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
	U-NII-2A	52	5260	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		56	5280	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		60	5300	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		64	5320	19.0	18.8	18.5	19.0	18.8	18.5	18.5	18.3	18.0	18.0	17.8	15.0	12.0
	U-NII-2C	100	5500	18.8	18.5	18.3	18.8	18.5	18.3	18.5	18.3	18.0	18.0	17.8	15.0	12.0
		104	5520	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		108	5540	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		112	5560	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		116	5580	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		120	5600	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		124	5620	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		128	5640	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		132	5660	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		136	5680	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
		140	5700	18.5	18.0	17.5	18.5	18.0	17.5	16.5	16.3	16.0	16.0	17.8	15.0	12.0
		144	5720	19.5	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	17.8	15.0	12.0
	U-NII-3	149	5745	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		153	5765	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		157	5785	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		161	5805	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		165	5825	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
Bandwidth	Band	Channel	Frequency (MHz)	[redacted]			11n/11ac HT40 (SISO) Low Rate	11n/11ac HT40 (SISO) Mid Rate	11n/11ac HT40 (SISO) High Rate	11ax HE40 (SISO) Low Rate	11ax HE40 (SISO) Mid Rate	11ax HE40 (SISO) High Rate	FCC 11ax HE40 RU484 (SISO)	FCC 11ax HE40 RU106 (SISO)	FCC 11ax HE40 RU52 (SISO)	FCC 11ax HE40 RU26 (SISO)
40MHz	U-NII-1	38	5190				17.5	17.3	17.0	16.5	16.3	16.0	16.0	16.0	14.0	11.0
		46	5230				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
	U-NII-2A	54	5270				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		62	5310				17.5	17.3	17.0	16.5	16.3	16.0	16.0	16.0	14.0	11.0
	U-NII-2C	102	5510				16.5	16.3	16.0	16.0	15.8	15.5	16.0	16.0	14.0	11.0
		110	5550				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		118	5590				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		126	5630				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		134	5670				20.5	20.5	20.5	19.0	19.0	19.0	19.0	17.0	14.0	11.0
		142	5710				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
	U-NII-3	151	5755				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		159	5795				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
Bandwidth	Band	Channel	Frequency (MHz)				11ac VHT80 (SISO) Low Rate	11ac VHT80 (SISO) Mid Rate	11ac VHT80 (SISO) High Rate	11ax HE80 (SISO) Low Rate	11ax HE80 (SISO) Mid Rate	11ax HE80 (SISO) High Rate	FCC 11ax HE80 RU996 (SISO)	FCC 11ax HE80 RU106 (SISO)	FCC 11ax HE80 RU52 (SISO)	FCC 11ax HE80 RU26 (SISO)
80MHz	U-NII-1	42	5210				17.5	17.0	16.5	16.5	16.3	16.0	16.0	16.0	14.0	11.0
	U-NII-2A	58	5290				16.0	15.8	15.5	15.5	15.3	15.0	15.0	15.0	14.0	11.0
	U-NII-2C	106	5530				16.0	15.8	15.5	16.0	15.5	15.0	15.0	15.0	14.0	11.0
		122	5610				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		138	5690				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
	U-NII-3	155	5775				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0

Tune-up Output Power (dBm) — ANT5 / ANT6 — MIMO

Bandwidth	Band	Channel	Frequency (MHz)	11n/11ac HT20 (2Tx, CDD, nonTXBF) Low Rate	11n/11ac HT20 (2Tx, CDD, nonTXBF) Mid Rate	11n/11ac HT20 (2Tx, CDD, nonTXBF) High Rate	11ax HE20 (2Tx, CDD, nonTxBF) Low Rate	11ax HE20 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE20 (2Tx, CDD, nonTxBF) High Rate	11ax HE20 RU242 (2Tx, CDD, nonTxBF)	11ax HE20 RU106 (2Tx, CDD, nonTxBF)	11ax HE20 RU52 (2Tx, CDD, nonTxBF)	11ax HE20 RU26 (2Tx, CDD, nonTxBF)	11n/11ac HT20 (2Tx, SDM, nonTxBF) Low Rate	11n/11ac HT20 (2Tx, SDM, nonTxBF) Mid Rate	11n/11ac HT20 (2Tx, SDM, nonTxBF) High Rate	11ax HE20 (2Tx, SDM, nonTXBF) Low Rate	11ax HE20 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE20 (2Tx, SDM, nonTXBF) High Rate	11ax HE20 RU242 (2Tx, SDM, nonTxBF)	11ax HE20 RU106 (2Tx, SDM, nonTxBF)	11ax HE20 RU52 (2Tx, SDM, nonTxBF)	11ax HE20 RU26 (2Tx, SDM, nonTxBF)
20 MHz	U-NII-1	36	5180	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		40	5200	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		44	5220	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		48	5240	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
	U-NII-2A	52	5260	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		56	5280	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		60	5300	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		64	5320	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
	U-NII-2C	100	5500	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		104	5520	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		108	5540	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		112	5560	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		116	5580	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		120	5600	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		124	5620	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		128	5640	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		132	5660	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		136	5680	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
		140	5700	16.5	16.5	16.5	16.5	16.0	15.5	15.5	14.8	12.0	9.0	16.5	16.5	16.5	16.5	16.0	15.5	15.5	14.8	12.0	9.0
		144	5720	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0	16.5	16.5	16.5	17.0	17.0	17.0	17.0	14.8	12.0	9.0
	U-NII-3	149	5745	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		153	5765	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		157	5785	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		161	5805	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		165	5825	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
Bandwidth	Band	Channel	Frequency (MHz)	11n/11ac HT40 (2Tx, CDD, nonTXBF) Low Rate	11n/11ac HT40 (2Tx, CDD, nonTXBF) Mid Rate	11n/11ac HT40 (2Tx, CDD, nonTXBF) High Rate	11ax HE40 (2Tx, CDD, nonTxBF) Low Rate	11ax HE40 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE40 (2Tx, CDD, nonTxBF) High Rate	11ax HE40 RU484 (2Tx, CDD, nonTxBF)	11ax HE40 RU106 (2Tx, CDD, nonTxBF)	11ax HE40 RU52 (2Tx, CDD, nonTxBF)	11ax HE40 RU26 (2Tx, CDD, nonTxBF)	11n/11ac HT40 (2Tx, SDM, nonTxBF) Low Rate	11n/11ac HT40 (2Tx, SDM, nonTxBF) Mid Rate	11n/11ac HT40 (2Tx, SDM, nonTxBF) High Rate	11ax HE40 (2Tx, SDM, nonTXBF) Low Rate	11ax HE40 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE40 (2Tx, SDM, nonTXBF) High Rate	11ax HE40 RU484 (2Tx, SDM, nonTxBF)	11ax HE40 RU106 (2Tx, SDM, nonTxBF)	11ax HE40 RU52 (2Tx, SDM, nonTxBF)	11ax HE40 RU26 (2Tx, SDM, nonTxBF)
40MHz	U-NII-1	38	5190	16.0	15.8	15.5	16.0	15.8	15.5	15.5	15.0	12.0	9.0	16.0	15.8	15.5	16.0	15.8	15.5	15.5	15.0	12.0	9.0
		46	5230	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.0	12.0	9.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.0	12.0	9.0
	U-NII-2A	54	5270	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.0	12.0	9.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.0	12.0	9.0
		62	5310	16.0	15.8	15.5	16.0	15.8	15.5	15.5	15.0	12.0	9.0	16.0	15.8	15.5	16.0	15.8	15.5	15.5	15.0	12.0	9.0
	U-NII-2C	102	5510	15.5	15.3	15.0	15.5	15.3	15.0	15.5	15.0	12.0	9.0	15.5	15.3	15.0	15.5	15.3	15.0	15.5	15.0	12.0	9.0
		110	5550	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.0	12.0	9.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.0	12.0	9.0
		118	5590	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.0	12.0	9.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.0	12.0	9.0
		126	5630	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.0	12.0	9.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.0	12.0	9.0
		134	5670	19.5	19.5	19.5	18.5	18.5	18.5	18.5	15.0	12.0	9.0	19.5	19.5	19.5	18.5	18.5	18.5	18.5	15.0	12.0	9.0
		142	5710	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.0	12.0	9.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.0	12.0	9.0
	U-NII-3	151	5755	20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		159	5795	20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
Bandwidth	Band	Channel	Frequency (MHz)	11ac VHT80 (2Tx, CDD, nonTXBF) Low Rate	11ac VHT80 (2Tx, CDD, nonTXBF) Mid Rate	11ac VHT80 (2Tx, CDD, nonTXBF) High Rate	11ax HE80 (2Tx, CDD, nonTxBF) Low Rate	11ax HE80 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE80 (2Tx, CDD, nonTxBF) High Rate	11ax HE80 RU996 (2Tx, CDD, nonTxBF)	11ax HE80 RU106 (2Tx, CDD, nonTxBF)	11ax HE80 RU52 (2Tx, CDD, nonTxBF)	11ax HE80 RU26 (2Tx, CDD, nonTxBF)	11n/11ac HT80 (2Tx, SDM, nonTxBF) Low Rate	11n/11ac HT80 (2Tx, SDM, nonTxBF) Mid Rate	11n/11ac HT80 (2Tx, SDM, nonTxBF) High Rate	11ax HE80 (2Tx, SDM, nonTXBF) Low Rate	11ax HE80 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE80 (2Tx, SDM, nonTXBF) High Rate	11ax HE80 RU996 (2Tx, SDM, nonTxBF)	11ax HE80 RU106 (2Tx, SDM, nonTxBF)	11ax HE80 RU52 (2Tx, SDM, nonTxBF)	11ax HE80 RU26 (2Tx, SDM, nonTxBF)
80MHz	U-NII-1	42	5210	16.5	16.0	15.5	16.0	15.5	15.0	15.0	15.0	12.0	9.0	16.5	16.0	15.5	16.0	15.5	15.0	15.0	15.0	12.0	9.0
	U-NII-2A	58	5290	15.5	15.3	15.0	14.5	14.3	14.0	14.0	14.0	12.0	9.0	15.5	15.3	15.0	14.5	14.3	14.0	14.0	14.0	12.0	9.0
	U-NII-2C	106	5530	15.3	15.0	14.8	15.0	14.5	14.0	14.0	14.0	12.0	9.0	15.3	15.0	14.8	15.0	14.5	14.0	14.0	14.0	12.0	9.0
		122	5610	20.0	20.0	20.0	20.0	20.0	20.0	20.0	15.0	12.0	9.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	15.0	12.0	9.0
		138	5690	20.0	20.0	20.0	20.0	20.0	20.0	20.0	15.0	12.0	9.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	15.0	12.0	9.0
	U-NII-3	155	5775	20.5	20.3	20.0	20.5	20.3	20.0	20.0	17.0	14.0	11.0	20.5	20.3	20.0	20.5	20.3	20.0	20.0	17.0	14.0	11.0

Wi-Fi 5 GHz($P_{Cell\ OFF}$ and $P_{Cell\ ON}$)

For 5GHz band, there are three use cases:

- $P_{Cell\ OFF}$: This will be used when only Wi-Fi radio is ON and WWAN (Sub-6 GHz) is OFF.
- $P_{Cell\ ON}$: This will be used when Wi-Fi radio and Sub 6GHz are ON and 5G FR2 is OFF.
- $P_{Cell\ ON\ (5G\ FR2\ ON)}$: This will be used when the Wi-Fi radio and only 5G FR2 are ON.[4]

Mode	Bandwidth	Channel	Frequency	Tune-up Output Power (dBm) $P_{Cell\ OFF}$				Tune-up Output Power (dBm) $P_{Cell\ ON}$				Tune-up Output Power (dBm) $P_{Cell\ ON\ (5G\ FR2\ ON)}$			
				ANT5		ANT6		ANT5		ANT6		ANT5		ANT6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
U-NII-1 5.2 GHz (SISO)	802.11a 20 MHz	36	5180	19.00	17.50	19.00	19.00	18.00	13.50	14.50	15.75	18.00	12.25	14.50	14.50
		40	5200	19.50	17.50	19.50	19.50	18.00	13.50	14.50	15.75	18.00	12.25	14.50	14.50
		44	5220	19.50	17.50	19.50	19.50	18.00	13.50	14.50	15.75	18.00	12.25	14.50	14.50
		48	5240	19.50	17.50	19.50	19.50	18.00	13.50	14.50	15.75	18.00	12.25	14.50	14.50
	802.11n/ac 40 MHz	38	5190	17.50	17.50	17.50	17.50	17.50	13.50	14.50	15.75	17.50	12.25	14.50	14.50
		46	5230	20.50	17.50	20.00	20.00	18.00	13.50	14.50	15.75	18.00	12.25	14.50	14.50
	802.11n/ac 80 MHz	42	5210	17.50	17.50	17.50	17.50	17.50	13.50	14.50	15.75	17.50	12.25	14.50	14.50
U-NII-2A 5.3 GHz (SISO)	802.11ax 20 MHz	52	5260	19.50	17.50	19.50	19.50	18.00	14.00	14.75	15.75	18.00	12.75	14.75	14.50
		56	5280	19.50	17.50	19.50	19.50	18.00	14.00	14.75	15.75	18.00	12.75	14.75	14.50
		60	5300	19.50	17.50	19.50	19.50	18.00	14.00	14.75	15.75	18.00	12.75	14.75	14.50
		64	5320	19.00	17.50	19.00	19.00	18.00	14.00	14.75	15.75	18.00	12.75	14.75	14.50
	802.11n/ac 40 MHz	54	5270	20.50	17.50	20.00	20.25	18.00	14.00	14.75	15.75	18.00	12.75	14.75	14.50
		62	5310	17.50	17.50	17.50	17.50	17.50	14.00	14.75	15.75	17.50	12.75	14.75	14.50
	802.11n/ac 80 MHz	58	5290	16.00	16.00	16.00	16.00	16.00	14.00	14.75	15.75	16.00	12.75	14.75	14.50

Mode	Bandwidth	Channel	Frequency	Tune-up Output Power (dBm) $P_{Cell\ OFF}$				Tune-up Output Power (dBm) $P_{Cell\ ON}$				Tune-up Output Power (dBm) $P_{Cell\ ON\ (5G\ FR2\ ON)}$			
				ANT5		ANT6		ANT5		ANT6		ANT5		ANT6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	18.80	16.00	18.75	18.80	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		104	5520	19.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		108	5540	19.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		112	5560	19.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		116	5580	19.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		120	5600	19.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		124	5620	19.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		128	5640	19.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		132	5660	19.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		136	5680	19.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		140	5700	18.50	16.00	18.75	18.50	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		144	5720	19.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
	802.11n/ac 40 MHz	102	5510	16.50	16.00	16.50	16.50	16.50	12.25	13.50	15.00	16.50	11.00	13.50	13.75
		110	5550	20.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		118	5590	20.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		126	5630	20.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		134	5670	20.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		142	5710	20.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
	802.11n/ac 80 MHz	106	5530	16.00	16.00	16.00	16.00	16.00	12.25	13.50	15.00	16.00	11.00	13.50	13.75
		122	5610	20.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75
		138	5690	20.50	16.00	18.75	19.25	17.00	12.25	13.50	15.00	17.00	11.00	13.50	13.75

Mode	Bandwidth	Channel	Frequency	Tune-up Output Power (dBm) $P_{Cell\ OFF}$				Tune-up Output Power (dBm) $P_{Cell\ ON}$				Tune-up Output Power (dBm) $P_{Cell\ ON\ (5G\ FR2\ ON)}$			
				ANT5		ANT6		ANT5		ANT6		ANT5		ANT6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
U-NII-3 5.8 GHz (SISO)	802.11a/n/ac 20 MHz	149	5745	21.50	17.00	20.25	19.50	17.25	13.00	15.75	15.75	17.25	11.75	15.75	14.50
		153	5765	21.50	17.00	20.25	19.50	17.25	13.00	15.75	15.75	17.25	11.75	15.75	14.50
		157	5785	21.50	17.00	20.25	19.50	17.25	13.00	15.75	15.75	17.25	11.75	15.75	14.50
		161	5805	21.50	17.00	20.25	19.50	17.25	13.00	15.75	15.75	17.25	11.75	15.75	14.50
		165	5825	21.50	17.00	20.25	19.50	17.25	13.00	15.75	15.75	17.25	11.75	15.75	14.50
	802.11n/ac 40 MHz	151	5755	20.50	17.00	20.25	19.50	17.25	13.00	15.75	15.75	17.25	11.75	15.75	14.50
		159	5795	20.50	17.00	20.25	19.50	17.25	13.00	15.75	15.75	17.25	11.75	15.75	14.50
	802.11ac 80 MHz	155	5775	20.50	17.00	20.25	19.50	17.25	13.00	15.75	15.75	17.25	11.75	15.75	14.50

4 Refer to the accompanied Part 1 report for TER analysis. The SAR report will not include this power state for its Simultaneous Transmission scenario.

Wi-Fi 5 GHz Measured Results

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

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

SAR Test reduction was applied from KDB 248227 guidance, Sec. 2.1, b), 1) when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, for each frequency band. Additional output power measurements were not deemed necessary.

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)
P_{Cell_OFF}	ANT5	U-NII-2A	802.11n HT40	54	5270	19.56	20.50	Yes	U-NII-2A	802.11n HT40	54	5270	16.93	17.50	Yes
				62	5310	16.42	17.50				62	5310	16.42	17.50	
		U-NII-2C	802.11ac VHT80	106	5530	14.72	16.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	14.72	16.00	Yes
				122	5610	19.11	20.50				122	5610	14.82	16.00	
				138	5690	18.62	20.50				138	5690	14.61	16.00	
		U-NII-3	802.11a	149	5745	19.68	21.50	Yes	U-NII-3	802.11ac VHT80	155	5775	16.60	17.00	Yes
				157	5785	20.03	21.50								
				165	5825	20.00	21.50								
	ANT6	U-NII-2A	802.11n HT40	54	5270	18.71	20.00	Yes	U-NII-2A	802.11n HT40	54	5270	19.30	20.25	Yes
				62	5310	16.76	17.50				62	5310	16.76	17.50	
		U-NII-2C	802.11ac VHT80	106	5530	14.64	16.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	14.64	16.00	Yes
				122	5610	17.60	18.75				122	5610	18.87	19.25	
				138	5690	17.55	18.75				138	5690	18.74	19.25	
		U-NII-3	802.11ac VHT80	155	5775	18.96	20.25	Yes	U-NII-3	802.11ac VHT80	155	5775	18.07	19.50	Yes

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)
P_{Cell_ON}	ANT5	U-NII-2A	802.11n HT40	54	5270	17.98	18.00	Yes	U-NII-2A	802.11ac VHT80	58	5290	13.43	14.00	Yes
				62	5310	16.00	17.50								
		U-NII-2C	802.11ac VHT80	106	5530	14.72	16.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	11.94	12.25	Yes
				122	5610	16.91	17.00				122	5610	12.04	12.25	
				138	5690	16.86	17.00				138	5690	11.63	12.25	
		U-NII-3	802.11ac VHT80	155	5775	17.16	17.25	Yes	U-NII-3	802.11ac VHT80	155	5775	12.28	13.00	Yes
	ANT6	U-NII-2A	802.11ac VHT80	58	5290	13.52	14.75	Yes	U-NII-2A	802.11ac VHT80	58	5290	14.19	15.75	Yes
		U-NII-2C	802.11ac VHT80	106	5530	11.76	13.50	Yes	U-NII-2C	802.11ac VHT80	106	5530	13.65	15.00	Yes
				122	5610	11.91	13.50				122	5610	13.79	15.00	
				138	5690	11.78	13.50				138	5690	13.59	15.00	
		U-NII-3	802.11ac VHT80	155	5775	14.81	15.75	Yes	U-NII-3	802.11ac VHT80	155	5775	15.10	15.75	Yes

Note(s):

1. $P_{Cell\ ON\ (5G\ FR2\ ON)}$ and $P_{Cell\ ON}$ share the same measured power. Power for both power modes were measured using the same setting. With power being within 2 dB of both tune-up limits, $P_{Cell\ ON}$ will experience greater scaling, thus representing a more conservative value.

9.9. Bluetooth

From October 2016 TCB workshop, this device power and SAR measured is performed with test software, the duty cycle is 100%.

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

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

Tune-up Output Power for Bluetooth (P_{low}, P_{high}, and $P_{standalone}$)

For Bluetooth, there are three use cases:

- Bluetooth P_{low} is used with Wi-Fi and WWAN antennas are active.
- Bluetooth P_{high} is used when Wi-Fi antenna is active and WWAN antenna is inactive or with Wi-Fi inactive and WWAN antenna is active.
- Bluetooth $P_{standalone}$ is used with Wi-Fi and WWAN antennas are inactive.

Mode	Tune-up Output Power (dBm)											
	Bluetooth P_{low}				Bluetooth P_{high}				Bluetooth $P_{standalone}$			
	ANT3		ANT4		ANT3		ANT4		ANT3		ANT4	
	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
GFSK	16.75	10.25	9.50	10.25	20.00	16.50	15.25	16.00	20.00	20.00	19.75	20.00
EDR	16.50	10.25	9.50	10.25	16.50	16.50	15.25	16.00	16.50	16.50	16.50	16.50
LE1M	16.75	10.25	9.50	10.25	20.00	16.50	15.25	16.00	20.00	20.00	19.75	20.00
LE2M	16.75	10.25	9.50	10.25	20.00	16.50	15.25	16.00	20.00	20.00	19.75	20.00
HDR4	12.50	10.25	9.50	10.25	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
HDR8	13.50	10.25	9.50	10.25	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50

This device supports Bluetooth beamforming. SAR measurement is not required for Beamforming when the output power is equal or less than a single chain. Please refer to BT tune-up procedure.

Bluetooth Measured Results

SAR measurement is not required for the 8PSK, BLE, and HDR. When the secondary mode is ≤ ¼ dB higher than the primary mode.

Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A			Power Mode B		
					Meas Pwr	Tune-up	SAR Test (Yes/No)	Meas Pwr	Tune-up	SAR Test (Yes/No)
Bluetooth P_{low}	ANT3	GFSK	0	2402	15.31	16.75	Yes	9.17	10.25	Yes
			39	2441	15.35	16.75		9.51	10.25	
			78	2480	15.11	16.75		9.27	10.25	
	ANT4	GFSK	0	2402	8.24	9.50	Yes	9.39	10.25	Yes
			39	2441	8.32	9.50		9.47	10.25	
			78	2480	7.94	9.50		9.12	10.25	
Bluetooth P_{high}	ANT3	GFSK	0	2402	18.92	20.00	Yes	15.76	16.50	Yes
			39	2441	19.04	20.00		15.80	16.50	
			78	2480	19.00	20.00		15.78	16.50	
	ANT4	GFSK	0	2402	14.10	15.25	Yes	15.54	16.00	Yes
			39	2441	14.11	15.25		15.61	16.00	
			78	2480	13.84	15.25		15.23	16.00	
Bluetooth $P_{standalone}$	ANT3	GFSK	0	2402	18.65	20.00	Yes	18.89	20.00	Yes
			39	2441	18.69	20.00		19.07	20.00	
			78	2480	18.60	20.00		19.03	20.00	
	ANT4	GFSK	0	2402	18.38	19.75	Yes	18.98	20.00	Yes
			39	2441	18.42	19.75		19.00	20.00	
			78	2480	18.03	19.75		18.75	20.00	

Duty Factor Measured Results

Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
GFSK	DH5	0.4	0.4	100.00%	1.00

Note(s):

Duty Cycle = (T on / period) * 100%

Duty Cycle plots

GFSK

9.10. MSS (Mobile Satellite Service)

This device supports Mobile Satellite Service with Tx over L-Band (1610 – 1626.5 MHz) and Rx over S-Band (2483.5 – 2500 MHz).

Radio Astronomy Zone exclusion requirement is implemented by Geo-fencing in Software. Transmit frequency will be changed based on network direction when Astronomy site location is detected.

Output Power for MSS

Antenna	Mode	Power Mode B				
		Channel	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)
ANT1	1-PRB SC-FDMA	262316	1610.1	18.2	19.0	Yes
	1-PRB SC-FDMA	262391	1617.6	18.2	19.0	Yes
	1-PRB SC-FDMA	262466	1625.1	18.2	19.0	Yes
ANT4	1-PRB SC-FDMA	262316	1610.1	20.2	21.0	Yes
	1-PRB SC-FDMA	262391	1617.6	20.2	21.0	Yes
	1-PRB SC-FDMA	262466	1625.1	20.2	21.0	Yes

10. Measured and Reported (Scaled) SAR Results

SAR Test Reduction criteria are as follows:

- Reported SAR(W/kg) for WWAN = Measured SAR *Tune-up Scaling Factor
- Reported SAR(W/kg) for Wi-Fi and Bluetooth = Measured SAR * Tune-up scaling factor * Duty Cycle scaling factor
- Duty Cycle scaling factor = 1 / Duty cycle (%)

KDB 447498 D01 General RF Exposure Guidance:
Testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:

- ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
- ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
- ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz

KDB 648474 D04 Handset SAR:
With headset attached, when the reported SAR for body-worn accessory, measured without a headset connected to the handset, is > 1.2 W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for that body-worn accessory with a headset attached to the handset.

KDB 941225 D01 SAR test for 3G devices:
When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

KDB 941225 D05 SAR for LTE Devices:
SAR test reduction is applied using the following criteria:

- Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB, and 50% RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel.
- When the reported SAR is > 0.8 W/kg, testing for other Channels is performed at the highest output power level for 1RB, and 50% RB configuration for that channel.
- Testing for 100% RB configuration is performed at the highest output power level for 100% RB configuration across the Low, Mid and High Channel when the highest reported SAR for 1 RB and 50% RB are > 0.8 W/kg. Testing for the remaining required channels is not needed because the reported SAR for 100% RB Allocation < 1.45 W/kg.
- Testing for 16-QAM modulation is not required because the reported SAR for QPSK is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of QPSK.
- Testing for the other channel bandwidths is not required because the reported SAR for the highest channel bandwidth is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of the highest channel bandwidth.
- For LTE bands that do not support at least three non-overlapping channels in certain channel bandwidths, test the available non-overlapping channels instead. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing; therefore, the requirement for H, M and L channels may not fully apply.

KDB 248227 D01 SAR meas for 802.11:
SAR test reduction for 802.11 Wi-Fi transmission mode configurations are considered separately for DSSS and OFDM. An initial test position is determined to reduce the number of tests required for certain exposure configurations with multiple test positions. An initial test configuration is determined for each frequency band and aggregated band according to maximum output power, channel bandwidth, wireless mode configurations and other operating parameters to streamline the measurement requirements. For 2.4 GHz DSSS, either the initial test position or DSSS procedure is applied to reduce the number of SAR tests; these are mutually exclusive. For OFDM, an initial test position is only applicable to next to the ear, UMPC mini-tablet and hotspot mode configurations, which is tested using the initial test configuration to facilitate test reduction. For other exposure conditions with a fixed test position, SAR test reduction is determined using only the initial test configuration.

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

highest measured maximum output power channel in the required wireless mode test configuration(s). When the *reported* SAR for the *initial test position* is:

- ≤ 0.4 W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and wireless mode combination within the frequency band or aggregated band. DSSS and OFDM configurations are considered separately according to the required SAR procedures.
- > 0.4 W/kg, SAR is repeated using the same wireless mode test configuration tested in the *initial test position* to measure the subsequent next closet/smallest test separation distance and maximum coupling test position, on the highest maximum output power channel, until the *reported* SAR is ≤ 0.8 W/kg or all required test positions are tested.
  - For subsequent test positions with equivalent test separation distance or when exposure is dominated by coupling conditions, the position for maximum coupling condition should be tested.
  - When it is unclear, all equivalent conditions must be tested.
- For all positions/configurations tested using the *initial test position* and subsequent test positions, when the *reported* SAR is > 0.8 W/kg, measure the SAR for these positions/configurations on the subsequent next highest measured output power channel(s) until the *reported* SAR is ≤ 1.2 W/kg or all required test channels are considered.
  - The additional power measurements required for this step should be limited to those necessary for identifying subsequent highest output power channels to apply the test reduction.
- When the specified maximum output power is the same for both UNII 1 and UNII 2A, begin SAR measurements in UNII 2A with the channel with the highest measured output power. If the reported SAR for UNII 2A is ≤ 1.2 W/kg, SAR is not required for UNII 1; otherwise treat the remaining bands separately and test them independently for SAR.
- When the specified maximum output power is different between UNII 1 and UNII 2A, begin SAR with the band that has the higher specified maximum output. If the highest reported SAR for the band with the highest specified power is ≤ 1.2 W/kg, testing for the band with the lower specified output power is not required; otherwise test the remaining bands independently for SAR.

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

10.1. GSM850

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	GPRS 2 Slots	Mode A	0	Left Touch	190	836.6	32.5	31.7	0.201	0.243	0.156	0.189	
					Left Tilt	190	836.6	32.5	31.7	0.112	0.136	0.087	0.105	
					Right Touch	190	836.6	32.5	31.7	0.256	0.310	0.194	0.235	1
					Right Tilt	190	836.6	32.5	31.7	0.107	0.130	0.084	0.102	
	Body & Hotspot	GPRS 2 Slots	Mode B	5	Rear	128	824.4	32.0	30.8	0.647	0.853	0.325	0.428	
					Rear	190	836.6	32.0	31.0	0.689	0.869	0.352	0.444	
					Rear	251	848.8	32.0	31.0	0.748	0.942	0.384	0.483	2
					Front	190	836.6	32.0	31.0	0.354	0.447	0.198	0.250	
	Hotspot	GPRS 2 Slots	Mode B	5	Edge 2	128	824.4	32.0	30.8	0.538	0.709	0.352	0.464	
					Edge 2	190	836.6	32.0	31.0	0.699	0.882	0.454	0.573	
					Edge 2	251	848.8	32.0	31.0	0.648	0.816	0.422	0.531	
					Edge 3	190	836.6	32.0	31.0	0.442	0.558	0.191	0.241	
					Edge 4	190	836.6	32.0	31.0	0.271	0.342	0.176	0.222	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	GPRS 2 Slots	Mode A	0	Left Touch	190	836.6	29.1	28.1	0.590	0.748	0.373	0.473	
					Left Tilt	190	836.6	29.1	28.1	0.411	0.521	0.215	0.273	
					Right Touch	190	836.6	29.1	28.1	0.597	0.757	0.376	0.477	3
					Right Tilt	190	836.6	29.1	28.1	0.470	0.596	0.223	0.283	
	Body & Hotspot	GPRS 2 Slots	Mode B	5	Rear	190	836.6	31.5	30.3	0.568	0.744	0.340	0.445	4
					Front	190	836.6	31.5	30.3	0.414	0.542	0.244	0.319	
	Hotspot	GPRS 2 Slots	Mode B	5	Edge 1	190	836.6	31.5	30.3	0.243	0.318	0.120	0.157	
					Edge 2	190	836.6	31.5	30.3	0.255	0.334	0.164	0.215	
					Edge 4	190	836.6	31.5	30.3	0.284	0.372	0.182	0.238	

10.2. GSM1900

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	GPRS 2 Slots	Mode A	0	Left Touch	661	1880.0	31.0	30.4	0.137	0.156	0.089	0.101	5
					Left Tilt	661	1880.0	31.0	30.4	0.064	0.073	0.042	0.048	
					Right Touch	661	1880.0	31.0	30.4	0.127	0.145	0.082	0.093	
					Right Tilt	661	1880.0	31.0	30.4	0.085	0.097	0.055	0.063	
	Body & Hotspot	GPRS 2 Slots	Mode B	5	Rear	661	1880.0	23.7	23.5	0.496	0.519	0.256	0.268	6
					Front	661	1880.0	23.7	23.5	0.412	0.431	0.203	0.213	
	Hotspot	GPRS 2 Slots	Mode B	5	Edge 2	661	1880.0	23.7	23.5	0.133	0.139	0.065	0.068	
					Edge 3	512	1850.2	23.7	23.4	0.717	0.767	0.333	0.356	
					Edge 3	661	1880.0	23.7	23.5	0.831	0.870	0.385	0.403	7
					Edge 3	810	1909.8	23.7	23.5	0.826	0.867	0.381	0.400	
					Edge 4	661	1880.0	23.7	23.5	0.051	0.053	0.028	0.029	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	GPRS 2 Slots	Mode A	0	Left Touch	661	1880.0	26.7	25.5	0.218	0.287	0.127	0.167	
					Left Tilt	661	1880.0	26.7	25.5	0.178	0.235	0.094	0.124	
					Right Touch	512	1850.2	26.7	25.0	0.507	0.750	0.296	0.438	
					Right Touch	661	1880.0	26.7	25.5	0.619	0.816	0.336	0.443	8
					Right Touch	810	1909.8	26.7	25.4	0.547	0.738	0.317	0.428	
					Right Tilt	661	1880.0	26.7	25.5	0.490	0.646	0.242	0.319	
	Body & Hotspot	GPRS 2 Slots	Mode B	5	Rear	512	1850.2	28.2	26.7	0.515	0.727	0.244	0.345	
					Rear	661	1880.0	28.2	26.9	0.638	0.861	0.307	0.414	
					Rear	810	1909.8	28.2	26.9	0.693	0.935	0.338	0.456	9
					Front	661	1880.0	28.2	26.9	0.247	0.333	0.124	0.167	
	Hotspot	GPRS 2 Slots	Mode B	5	Edge 1	661	1880.0	28.2	26.9	0.429	0.579	0.184	0.248	
					Edge 2	661	1880.0	28.2	26.9	0.023	0.031	0.012	0.016	
					Edge 4	661	1880.0	28.2	26.9	0.533	0.719	0.271	0.366	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	GPRS 2 Slots	Mode A	0	Left Touch	661	1880.0	30.4	30.4	0.595	0.595	0.378	0.378	10
					Left Tilt	661	1880.0	30.4	30.4	0.349	0.349	0.211	0.211	
					Right Touch	661	1880.0	30.4	30.4	0.330	0.330	0.216	0.216	
					Right Tilt	661	1880.0	30.4	30.4	0.252	0.252	0.155	0.155	
	Body & Hotspot	GPRS 2 Slots	Mode B	5	Rear	512	1850.2	25.8	25.7	0.872	0.892	0.472	0.483	11
					Rear	661	1880.0	25.8	25.8	0.815	0.815	0.441	0.441	
					Rear	810	1909.8	25.8	25.7	0.810	0.829	0.446	0.456	
					Front	661	1880.0	25.8	25.8	0.588	0.588	0.313	0.313	
	Hotspot	GPRS 2 Slots	Mode B	5	Edge 3	661	1880.0	25.8	25.8	0.266	0.266	0.123	0.123	
					Edge 4	512	1850.2	25.8	25.7	0.909	0.930	0.462	0.473	12
					Edge 4	661	1880.0	25.8	25.8	0.879	0.879	0.443	0.443	
					Edge 4	810	1909.8	25.8	25.7	0.759	0.777	0.382	0.391	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	GPRS 2 Slots	Mode A	0	Left Touch	512	1850.2	24.2	23.7	0.718	0.806	0.363	0.407	
					Left Touch	661	1880.0	24.2	23.7	0.785	0.881	0.391	0.439	
					Left Touch	810	1909.8	24.2	23.5	0.758	0.891	0.368	0.432	13
					Left Tilt	661	1880.0	24.2	23.7	0.381	0.427	0.193	0.217	
					Right Touch	661	1880.0	24.2	23.7	0.305	0.342	0.169	0.190	
					Right Tilt	661	1880.0	24.2	23.7	0.192	0.215	0.108	0.121	
	Body & Hotspot	GPRS 2 Slots	Mode B	5	Rear	661	1880.0	25.7	25.1	0.664	0.762	0.322	0.370	14
					Front	661	1880.0	25.7	25.1	0.528	0.606	0.264	0.303	
	Hotspot	GPRS 2 Slots	Mode B	5	Edge 1	661	1880.0	25.7	25.1	0.281	0.323	0.148	0.170	
					Edge 2	512	1850.2	25.7	25.0	0.751	0.882	0.352	0.414	
					Edge 2	661	1880.0	25.7	25.1	0.777	0.892	0.361	0.414	15
					Edge 2	810	1909.8	25.7	25.0	0.734	0.862	0.340	0.399	

10.3. W-CDMA Band 2

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	9400	1880.0	25.3	25.1	0.177	0.187	0.117	0.123	16
					Left Tilt	9400	1880.0	25.3	25.1	0.084	0.088	0.056	0.059	
					Right Touch	9400	1880.0	25.3	25.1	0.151	0.159	0.100	0.105	
					Right Tilt	9400	1880.0	25.3	25.1	0.106	0.112	0.066	0.070	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	9400	1880.0	17.7	17.4	0.532	0.574	0.272	0.293	17
					Front	9400	1880.0	17.7	17.4	0.420	0.453	0.210	0.227	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 2	9400	1880.0	17.7	17.4	0.119	0.128	0.057	0.061	
					Edge 3	9262	1852.4	17.7	17.3	0.774	0.843	0.344	0.375	
					Edge 3	9400	1880.0	17.7	17.4	0.829	0.894	0.370	0.399	
					Edge 3	9538	1907.6	17.7	17.3	0.860	0.939	0.382	0.417	18
					Edge 4	9400	1880.0	17.7	17.4	0.062	0.067	0.058	0.062	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	9400	1880.0	20.7	20.5	0.261	0.273	0.161	0.169	
					Left Tilt	9400	1880.0	20.7	20.5	0.194	0.203	0.105	0.110	
					Right Touch	9262	1852.4	20.7	20.4	0.780	0.836	0.449	0.481	
					Right Touch	9400	1880.0	20.7	20.5	0.832	0.871	0.471	0.493	
					Right Touch	9538	1907.6	20.7	20.4	0.838	0.898	0.475	0.509	19
					Right Tilt	9400	1880.0	20.7	20.5	0.544	0.570	0.274	0.287	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	9262	1852.4	22.2	21.8	0.743	0.815	0.353	0.387	
					Rear	9400	1880.0	22.2	21.8	0.791	0.867	0.376	0.412	
					Rear	9538	1907.6	22.2	21.8	0.816	0.895	0.394	0.432	20
					Front	9400	1880.0	22.2	21.8	0.441	0.484	0.224	0.246	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 1	9400	1880.0	22.2	21.8	0.567	0.622	0.253	0.277	
					Edge 2	9400	1880.0	22.2	21.8	0.022	0.024	0.013	0.014	
					Edge 4	9400	1880.0	22.2	21.8	0.543	0.595	0.283	0.310	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	9262	1852.4	25.0	24.5	0.758	0.850	0.485	0.544	21
					Left Touch	9400	1880.0	25.0	24.5	0.723	0.811	0.460	0.516	
					Left Touch	9538	1907.6	25.0	24.4	0.664	0.762	0.412	0.473	
					Left Tilt	9400	1880.0	25.0	24.5	0.428	0.480	0.264	0.296	
					Right Touch	9400	1880.0	25.0	24.5	0.373	0.419	0.240	0.269	
					Right Tilt	9400	1880.0	25.0	24.5	0.316	0.355	0.197	0.221	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	9400	1880.0	20.2	19.7	0.695	0.780	0.375	0.421	22
					Front	9400	1880.0	20.2	19.7	0.523	0.587	0.276	0.310	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 3	9400	1880.0	20.2	19.7	0.236	0.265	0.115	0.129	
					Edge 4	9262	1852.4	20.2	19.7	0.760	0.853	0.394	0.442	23
					Edge 4	9400	1880.0	20.2	19.7	0.713	0.800	0.367	0.412	
					Edge 4	9538	1907.6	20.2	19.6	0.640	0.735	0.323	0.371	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	9400	1880.0	18.2	18.0	0.700	0.733	0.342	0.358	24
					Left Tilt	9400	1880.0	18.2	18.0	0.372	0.390	0.189	0.198	
					Right Touch	9400	1880.0	18.2	18.0	0.296	0.310	0.161	0.169	
					Right Tilt	9400	1880.0	18.2	18.0	0.179	0.187	0.101	0.106	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	9400	1880.0	19.7	19.5	0.625	0.654	0.300	0.314	25
					Front	9400	1880.0	19.7	19.5	0.414	0.434	0.207	0.217	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 1	9400	1880.0	19.7	19.5	0.213	0.223	0.106	0.111	
					Edge 2	9262	1852.4	19.7	19.4	0.725	0.777	0.341	0.365	
					Edge 2	9400	1880.0	19.7	19.5	0.864	0.905	0.402	0.421	
					Edge 2	9538	1907.6	19.7	19.5	0.892	0.934	0.414	0.434	26

10.4. W-CDMA Band 4

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	1413	1732.6	23.7	23.4	0.200	0.213	0.131	0.140	
					Left Tilt	1413	1732.6	23.7	23.4	0.131	0.140	0.079	0.084	
					Right Touch	1413	1732.6	23.7	23.4	0.391	0.417	0.245	0.261	27
					Right Tilt	1413	1732.6	23.7	23.4	0.106	0.113	0.070	0.075	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	1413	1732.6	17.4	16.6	0.412	0.495	0.207	0.249	28
					Front	1413	1732.6	17.4	16.6	0.243	0.292	0.126	0.151	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 2	1413	1732.6	17.4	16.6	0.174	0.209	0.088	0.106	
					Edge 3	1312	1712.4	17.4	16.6	0.762	0.916	0.350	0.421	29
					Edge 3	1413	1732.6	17.4	16.6	0.668	0.803	0.307	0.369	
					Edge 3	1513	1752.6	17.4	16.5	0.701	0.858	0.324	0.397	
					Edge 4	1413	1732.6	17.4	16.6	0.012	0.014	0.005	0.006	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	1413	1732.6	20.5	20.2	0.497	0.533	0.249	0.267	
					Left Tilt	1413	1732.6	20.5	20.2	0.503	0.539	0.237	0.254	
					Right Touch	1312	1712.4	20.5	20.2	0.835	0.895	0.444	0.476	30
					Right Touch	1413	1732.6	20.5	20.2	0.807	0.865	0.430	0.461	
					Right Touch	1513	1752.6	20.5	20.2	0.785	0.841	0.423	0.453	
					Right Tilt	1413	1732.6	20.5	20.2	0.736	0.789	0.362	0.388	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	1413	1732.6	20.7	20.2	0.627	0.704	0.310	0.348	31
					Front	1413	1732.6	20.7	20.2	0.559	0.627	0.278	0.312	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 1	1312	1712.4	20.7	20.2	0.719	0.807	0.326	0.366	
					Edge 1	1413	1732.6	20.7	20.2	0.747	0.838	0.343	0.385	32
					Edge 1	1513	1752.6	20.7	20.2	0.679	0.762	0.310	0.348	
					Edge 2	1413	1732.6	20.7	20.2	0.011	0.012	0.005	0.006	
					Edge 4	1413	1732.6	20.7	20.2	0.430	0.482	0.236	0.265	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	1413	1732.6	24.8	24.5	0.508	0.544	0.333	0.357	33
					Left Tilt	1413	1732.6	24.8	24.5	0.251	0.269	0.163	0.175	
					Right Touch	1413	1732.6	24.8	24.5	0.222	0.238	0.144	0.154	
					Right Tilt	1413	1732.6	24.8	24.5	0.193	0.207	0.124	0.133	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	1413	1732.6	21.0	20.5	0.686	0.770	0.357	0.401	34
					Front	1413	1732.6	21.0	20.5	0.482	0.541	0.266	0.298	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 3	1413	1732.6	21.0	20.5	0.296	0.332	0.145	0.163	
					Edge 4	1312	1712.4	21.0	20.5	0.796	0.893	0.404	0.453	35
					Edge 4	1413	1732.6	21.0	20.5	0.776	0.871	0.395	0.443	
					Edge 4	1513	1752.6	21.0	20.5	0.744	0.835	0.377	0.423	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	1312	1712.4	20.0	19.6	0.779	0.854	0.388	0.425	
					Left Touch	1413	1732.6	20.0	19.6	0.778	0.853	0.393	0.431	
					Left Touch	1513	1752.6	20.0	19.6	0.849	0.931	0.405	0.444	36
					Left Tilt	1413	1732.6	20.0	19.6	0.416	0.456	0.201	0.220	
					Right Touch	1413	1732.6	20.0	19.6	0.525	0.576	0.296	0.325	
					RighttTilt	1413	1732.6	20.0	19.6	0.174	0.191	0.097	0.106	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	1413	1732.6	21.1	20.7	0.560	0.614	0.273	0.299	37
					Front	1413	1732.6	21.1	20.7	0.352	0.386	0.194	0.213	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 1	1413	1732.6	21.1	20.7	0.285	0.312	0.139	0.152	
					Edge 2	1312	1712.4	21.1	20.6	0.750	0.842	0.363	0.407	
					Edge 2	1413	1732.6	21.1	20.7	0.777	0.852	0.376	0.412	
					Edge 2	1513	1752.6	21.1	20.7	0.846	0.928	0.403	0.442	38

10.5. W-CDMA Band 5

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	4183	836.6	25.7	25.2	0.209	0.234	0.160	0.179	
					Left Tilt	4183	836.6	25.7	25.2	0.127	0.142	0.098	0.110	
					Right Touch	4183	836.6	25.7	25.2	0.266	0.298	0.201	0.225	39
					RighttTilt	4183	836.6	25.7	25.2	0.142	0.159	0.109	0.122	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	4183	836.6	25.7	25.2	0.607	0.679	0.321	0.359	40
					Front	4183	836.6	25.7	25.2	0.525	0.588	0.287	0.321	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 2	4183	836.6	25.7	25.2	0.685	0.767	0.440	0.493	41
					Edge 3	4183	836.6	25.7	25.2	0.581	0.650	0.248	0.278	
					Edge 4	4183	836.6	25.7	25.2	0.220	0.246	0.140	0.157	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	4132	826.4	23.1	22.7	0.676	0.741	0.449	0.492	
					Left Touch	4183	836.6	23.1	22.7	0.812	0.890	0.512	0.561	
					Left Touch	4233	846.6	23.1	22.7	0.679	0.745	0.451	0.495	
					Left Tilt	4183	836.6	23.1	22.7	0.555	0.609	0.296	0.325	
					Right Touch	4132	826.4	23.1	22.7	0.842	0.923	0.546	0.599	
					Right Touch	4183	836.6	23.1	22.7	0.735	0.806	0.474	0.520	
					Right Touch	4233	846.6	23.1	22.7	0.856	0.939	0.561	0.615	42
					Right Tilt	4183	836.6	23.1	22.7	0.595	0.652	0.344	0.377	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	4183	836.6	24.7	24.1	0.574	0.659	0.353	0.405	43
					Front	4183	836.6	24.7	24.1	0.378	0.434	0.240	0.276	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 1	4183	836.6	24.7	24.1	0.265	0.304	0.131	0.150	
					Edge 2	4183	836.6	24.7	24.1	0.207	0.238	0.131	0.150	
					Edge 4	4183	836.6	24.7	24.1	0.225	0.258	0.144	0.165	

10.6. LTE Band 5 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	20525	836.5	1	25	25.7	25.4	0.210	0.228	0.160	0.173	
								25	12	24.7	24.4	0.168	0.180	0.127	0.136	
					Left Tilt	20525	836.5	1	25	25.7	25.4	0.115	0.125	0.090	0.098	
								25	12	24.7	24.4	0.114	0.122	0.087	0.093	
					Right Touch	20525	836.5	1	25	25.7	25.4	0.271	0.294	0.206	0.223	44
								25	12	24.7	24.4	0.210	0.225	0.158	0.169	
					Right Tilt	20525	836.5	1	25	25.7	25.4	0.149	0.162	0.114	0.124	
								25	12	24.7	24.4	0.106	0.114	0.081	0.087	
	Body & Hotspot	QPSK	Mode B	5	Rear	20525	836.5	1	25	25.7	25.4	0.710	0.770	0.371	0.402	45
								25	12	24.7	24.4	0.564	0.604	0.294	0.315	
					Front	20525	836.5	1	25	25.7	25.4	0.497	0.539	0.270	0.293	
								25	12	24.7	24.4	0.405	0.434	0.219	0.235	
	Hotspot	QPSK	Mode B	5	Edge 2	20525	836.5	1	25	25.7	25.4	0.675	0.732	0.434	0.470	
								25	12	24.7	24.4	0.546	0.585	0.350	0.375	
					Edge 3	20525	836.5	1	25	25.7	25.4	0.604	0.655	0.258	0.280	
								25	12	24.7	24.4	0.579	0.620	0.237	0.254	
					Edge 4	20525	836.5	1	25	25.7	25.4	0.251	0.272	0.158	0.171	
								25	12	24.7	24.4	0.196	0.210	0.125	0.134	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	20525	836.5	1	25	23.1	22.5	0.297	0.341	0.220	0.253	
								25	12	23.1	22.6	0.300	0.337	0.215	0.241	
					Left Tilt	20525	836.5	1	25	23.1	22.5	0.306	0.351	0.199	0.228	
								25	12	23.1	22.6	0.312	0.350	0.203	0.228	
					Right Touch	20525	836.5	1	25	23.1	22.5	0.799	0.917	0.500	0.574	
								25	12	23.1	22.6	0.825	0.926	0.516	0.579	
								50	0	23.1	22.6	0.828	0.929	0.507	0.569	46
					Right Tilt	20525	836.5	1	25	23.1	22.5	0.742	0.852	0.451	0.518	
								25	12	23.1	22.6	0.768	0.862	0.462	0.518	
								50	0	23.1	22.6	0.465	0.522	0.250	0.281	
	Body & Hotspot	QPSK	Mode B	5	Rear	20525	836.5	1	25	24.7	24.1	0.404	0.464	0.243	0.279	47
								25	12	23.7	23.2	0.329	0.371	0.197	0.222	
					Front	20525	836.5	1	25	24.7	24.1	0.301	0.346	0.195	0.224	
								25	12	23.7	23.2	0.296	0.334	0.190	0.214	
	Hotspot	QPSK	Mode B	5	Edge 1	20525	836.5	1	25	24.7	24.1	0.177	0.203	0.094	0.108	
								25	12	23.7	23.2	0.141	0.159	0.075	0.085	
					Edge 2	20525	836.5	1	25	24.7	24.1	0.192	0.220	0.125	0.144	
								25	12	23.7	23.2	0.178	0.201	0.115	0.130	
					Edge 4	20525	836.5	1	25	24.7	24.1	0.222	0.255	0.146	0.168	
								25	12	23.7	23.2	0.198	0.223	0.129	0.145	

UL CA 5B

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 1	Head	QPSK	Mode A	0	Right Touch	20476	831.6	1	49	20575	841.5	1	0	25.7	24.7	0.140	0.176	0.105	0.132	
	Body	QPSK	Mode B	5	Rear	20476	831.6	1	49	20575	841.5	1	0	25.7	24.7	0.388	0.488	0.211	0.266	
	Hotspot	QPSK	Mode B	5	Edge 2	20476	831.6	1	49	20575	841.5	1	0	25.7	24.7	0.335	0.422	0.217	0.273	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 2	Head	QPSK	Mode A	0	Right Touch	20476	831.6	1	49	20575	841.5	1	0	23.1	22.1	0.277	0.349	0.175	0.220	
	Body	QPSK	Mode B	5	Rear	20476	831.6	1	49	20575	841.5	1	0	24.7	23.4	0.261	0.352	0.159	0.214	
	Hotspot	QPSK	Mode B	5	Edge 4	20476	831.6	1	49	20575	841.5	1	0	24.7	23.4	0.115	0.155	0.075	0.101	

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

10.7. LTE Band 7 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	21100	2535.0	1	49	25.7	25.1	0.305	0.353	0.178	0.206	
								50	24	24.7	24.3	0.246	0.270	0.144	0.158	
					Left Tilt	21100	2535.0	1	49	25.7	25.1	0.489	0.565	0.259	0.299	
								50	24	24.7	24.3	0.388	0.425	0.206	0.226	
					Right Touch	21100	2535.0	1	49	25.7	25.1	0.588	0.680	0.320	0.370	48
								50	24	24.7	24.3	0.485	0.532	0.264	0.289	
					Right Tilt	21100	2535.0	1	49	25.7	25.1	0.296	0.342	0.160	0.185	
								50	24	24.7	24.3	0.273	0.299	0.150	0.164	
	Body & Hotspot	QPSK	Mode B	5	Rear	20850	2510.0	1	49	20.3	20.0	0.863	0.925	0.379	0.406	49
								50	24	20.3	20.1	0.879	0.920	0.386	0.404	
						21100	2535.0	1	49	20.3	20.1	0.865	0.906	0.382	0.400	
								50	24	20.3	20.1	0.875	0.916	0.385	0.403	
								100	0	20.3	20.1	0.868	0.909	0.382	0.400	
						21350	2560.0	1	49	20.3	20.1	0.785	0.822	0.348	0.364	
								50	24	20.3	20.1	0.808	0.846	0.357	0.374	
					Front	21100	2535.0	1	49	20.3	20.1	0.753	0.788	0.347	0.363	
								50	24	20.3	20.1	0.681	0.713	0.322	0.337	
	Hotspot	QPSK	Mode B	5	Edge 2	20850	2510.0	1	49	20.3	20.0	0.780	0.836	0.328	0.351	
								50	24	20.3	20.1	0.796	0.834	0.335	0.351	
						21100	2535.0	1	49	20.3	20.1	0.813	0.851	0.343	0.359	
								50	24	20.3	20.1	0.865	0.906	0.363	0.380	
								100	0	20.3	20.1	0.849	0.889	0.357	0.374	
						21350	2560.0	1	49	20.3	20.1	0.887	0.929	0.374	0.392	50
								50	24	20.3	20.1	0.872	0.913	0.370	0.387	
					Edge 3	21100	2535.0	1	49	20.3	20.1	0.716	0.750	0.284	0.297	
								50	24	20.3	20.1	0.730	0.764	0.289	0.303	
					Edge 4	21100	2535.0	1	49	20.3	20.1	0.027	0.028	0.013	0.014	
								50	24	20.3	20.1	0.025	0.026	0.012	0.012	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	20850	2510.0	1	49	16.9	16.8	0.912	0.933	0.350	0.358	
								50	24	16.9	16.8	0.931	0.944	0.358	0.363	51
						21100	2535.0	1	49	16.9	16.8	0.798	0.817	0.302	0.309	
								50	24	16.9	16.8	0.790	0.808	0.302	0.309	
								100	0	16.9	16.7	0.827	0.870	0.314	0.330	
						21350	2560.0	1	49	16.9	16.7	0.714	0.748	0.271	0.284	
								50	24	16.9	16.7	0.729	0.763	0.277	0.290	
					Left Tilt	21100	2535.0	1	49	16.9	16.8	0.734	0.751	0.271	0.277	
								50	24	16.9	16.8	0.752	0.770	0.278	0.284	
					Right Touch	21100	2535.0	1	49	16.9	16.8	0.756	0.774	0.300	0.307	
								50	24	16.9	16.8	0.776	0.794	0.307	0.314	
					Right Tilt	21100	2535.0	1	49	16.9	16.8	0.606	0.620	0.248	0.254	
								50	24	16.9	16.8	0.616	0.630	0.253	0.259	
	Body & Hotspot	QPSK	Mode B	5	Rear	21100	2535.0	1	49	18.3	17.8	0.546	0.613	0.207	0.232	
								50	24	18.3	17.8	0.554	0.627	0.210	0.238	
					Front	21100	2535.0	1	49	18.3	17.8	0.581	0.652	0.234	0.263	
								50	24	18.3	17.8	0.594	0.673	0.239	0.271	52
	Hotspot	QPSK	Mode B	5	Edge 1	21100	2535.0	1	49	18.3	17.8	0.582	0.653	0.200	0.224	
								50	24	18.3	17.8	0.621	0.703	0.216	0.245	53
					Edge 2	21100	2535.0	1	49	18.3	17.8	0.035	0.039	0.016	0.018	
								50	24	18.3	17.8	0.036	0.041	0.016	0.018	
					Edge 4	21100	2535.0	1	49	18.3	17.8	0.514	0.577	0.225	0.252	
								50	24	18.3	17.8	0.527	0.597	0.231	0.262	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	QPSK	Mode A	0	Left Touch	21100	2535.0	1	49	23.6	23.5	0.425	0.435	0.238	0.244	
								50	24	23.6	23.5	0.435	0.445	0.244	0.250	54
					Left Tilt	21100	2535.0	1	49	23.6	23.5	0.148	0.151	0.079	0.081	
								50	24	23.6	23.5	0.148	0.151	0.080	0.082	
					Right Touch	21100	2535.0	1	49	23.6	23.5	0.211	0.216	0.120	0.123	
								50	24	23.6	23.5	0.212	0.217	0.120	0.123	
					Right Tilt	21100	2535.0	1	49	23.6	23.5	0.205	0.210	0.110	0.113	
								50	24	23.6	23.5	0.212	0.217	0.114	0.117	
	Body & Hotspot	QPSK	Mode B	5	Rear	21100	2535.0	1	49	19.4	19.1	0.541	0.586	0.273	0.296	
								50	24	19.4	19.1	0.548	0.594	0.275	0.298	55
					Front	21100	2535.0	1	49	19.4	19.1	0.421	0.456	0.218	0.236	
								50	24	19.4	19.1	0.429	0.465	0.222	0.241	
	Hotspot	QPSK	Mode B	5	Edge 3	21100	2535.0	1	49	19.4	19.1	0.142	0.154	0.061	0.066	
								50	24	19.4	19.1	0.144	0.156	0.061	0.066	
					Edge 4	20850	2510.0	1	49	19.4	19.1	0.840	0.910	0.374	0.405	
								50	24	19.4	19.1	0.851	0.922	0.379	0.411	
						21100	2535.0	1	49	19.4	19.1	0.802	0.869	0.355	0.385	
								50	24	19.4	19.1	0.815	0.883	0.361	0.391	
								100	0	19.4	19.1	0.811	0.879	0.359	0.389	
						21350	2560.0	1	49	19.4	19.1	0.800	0.867	0.353	0.383	
								50	24	19.4	18.8	0.799	0.928	0.354	0.411	56

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	QPSK	Mode A	0	Left Touch	20850	2510.0	1	49	17.4	17.3	0.902	0.923	0.360	0.368	
								50	24	17.4	17.3	0.931	0.948	0.370	0.377	57
						21100	2535.0	1	49	17.4	17.4	0.842	0.842	0.340	0.340	
								50	24	17.4	17.4	0.864	0.864	0.348	0.348	
								100	0	17.4	17.3	0.863	0.883	0.348	0.356	
						21350	2560.0	1	49	17.4	17.2	0.644	0.677	0.265	0.279	
								50	24	17.4	17.3	0.667	0.687	0.273	0.281	
					Left Tilt	21100	2535.0	1	49	17.4	17.4	0.237	0.237	0.118	0.118	
								50	24	17.4	17.4	0.248	0.248	0.110	0.110	
					Right Touch	21100	2535.0	1	49	17.4	17.4	0.209	0.209	0.106	0.106	
								50	24	17.4	17.4	0.215	0.215	0.110	0.110	
					Right Tilt	21100	2535.0	1	49	17.4	17.4	0.043	0.043	0.020	0.020	
								50	24	17.4	17.4	0.052	0.052	0.025	0.025	
	Body & Hotspot	QPSK	Mode B	5	Rear	21100	2535.0	1	49	19.5	19.5	0.405	0.405	0.182	0.182	
								50	24	19.5	19.5	0.410	0.410	0.185	0.185	
					Front	21100	2535.0	1	49	19.5	19.5	0.444	0.444	0.200	0.200	
								50	24	19.5	19.5	0.463	0.463	0.208	0.208	58
	Hotspot	QPSK	Mode B	5	Edge 1	21100	2535.0	1	49	19.5	19.5	0.087	0.087	0.036	0.036	
								50	24	19.5	19.5	0.083	0.083	0.037	0.037	
					Edge 2	20850	2510.0	1	49	19.5	19.5	0.872	0.872	0.379	0.379	
								50	24	19.5	19.5	0.894	0.894	0.386	0.386	
						21100	2535.0	1	49	19.5	19.5	0.904	0.904	0.391	0.391	59
								50	24	19.5	19.5	0.887	0.887	0.380	0.380	
								100	0	19.5	19.5	0.790	0.790	0.341	0.341	
						21350	2560.0	1	49	19.5	19.5	0.710	0.713	0.309	0.310	
								50	24	19.5	19.4	0.726	0.739	0.315	0.321	

UL CA 7C

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 1	Head	QPSK	Mode A	0	Right Touch	21001	2525.1	1	99	21199	2544.9	1	0	25.7	24.1	0.333	0.481	0.181	0.262	
	Body	QPSK	Mode B	5	Rear	20850	2510.0	1	99	21048	2529.8	1	0	20.3	18.9	0.601	0.830	0.266	0.367	
	Hotspot	QPSK	Mode B	5	Edge 2	21152	2540.2	1	99	21350	2560.0	1	0	20.3	18.9	0.496	0.685	0.193	0.266	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 2	Head	QPSK	Mode A	0	Left Touch	20850	2510	1	99	21048	2529.8	1	0	16.9	16.1	0.645	0.775	0.240	0.289	
	Body	QPSK	Mode B	5	Front	21001	2525.1	1	99	21199	2544.9	1	0	18.3	16.9	0.390	0.538	0.159	0.219	
	Hotspot	QPSK	Mode B	5	Edge 1	21001	2525.1	1	99	21199	2544.9	1	0	18.3	16.9	0.509	0.703	0.177	0.244	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 3	Head	QPSK	Mode A	0	Left Touch	21001	2525.1	1	99	21199	2544.9	1	0	23.6	21.9	0.220	0.325	0.120	0.177	
	Body	QPSK	Mode B	5	Rear	21001	2525.1	1	99	21199	2544.9	1	0	19.4	18.7	0.393	0.462	0.190	0.223	
	Hotspot	QPSK	Mode B	5	Edge 4	20850	2510.0	1	99	21048	2529.8	1	0	19.4	18.6	0.577	0.694	0.256	0.308	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 4	Head	QPSK	Mode A	0	Left Touch	20850	2510	1	99	21048	2529.8	1	0	17.4	16.4	0.483	0.608	0.196	0.247	
	Body	QPSK	Mode B	5	Front	21001	2525.1	1	99	21199	2544.9	1	0	19.5	18.2	0.240	0.324	0.110	0.148	
	Hotspot	QPSK	Mode B	5	Edge 2	21001	2525.1	1	99	21199	2544.9	1	0	19.5	18.2	0.574	0.774	0.246	0.332	

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

10.8. LTE Band 12 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	23095	707.5	1	25	25.7	25.2	0.157	0.178	0.125	0.142	60
								25	12	24.7	24.2	0.125	0.140	0.099	0.111	
					Left Tilt	23095	707.5	1	25	25.7	25.2	0.101	0.114	0.080	0.091	
								25	12	24.7	24.2	0.073	0.082	0.059	0.066	
					Right Touch	23095	707.5	1	25	25.7	25.2	0.117	0.132	0.090	0.102	
								25	12	24.7	24.2	0.092	0.103	0.070	0.079	
					Right Tilt	23095	707.5	1	25	25.7	25.2	0.051	0.058	0.041	0.046	
								25	12	24.7	24.2	0.039	0.044	0.032	0.036	
	Body & Hotspot	QPSK	Mode B	5	Rear	23095	707.5	1	25	25.7	25.2	0.552	0.625	0.306	0.347	61
								25	12	24.7	24.2	0.392	0.440	0.218	0.245	
					Front	23095	707.5	1	25	25.7	25.2	0.289	0.327	0.177	0.200	
								25	12	24.7	24.2	0.224	0.251	0.138	0.155	
	Hotspot	QPSK	Mode B	5	Edge 2	23095	707.5	1	25	25.7	25.2	0.657	0.744	0.432	0.489	62
								25	12	24.7	24.2	0.527	0.591	0.341	0.383	
					Edge 3	23095	707.5	1	25	25.7	25.2	0.360	0.408	0.161	0.182	
								25	12	24.7	24.2	0.240	0.269	0.111	0.125	
					Edge 4	23095	707.5	1	25	25.7	25.2	0.276	0.313	0.180	0.204	
								25	12	24.7	24.2	0.222	0.249	0.145	0.163	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	23095	707.5	1	25	23.4	22.9	0.588	0.664	0.351	0.397	
								25	12	23.4	22.9	0.606	0.675	0.360	0.401	
					Left Tilt	23095	707.5	1	25	23.4	22.9	0.545	0.616	0.273	0.308	
								25	12	23.4	22.9	0.547	0.610	0.276	0.308	
					Right Touch	23095	707.5	1	25	23.4	22.9	0.825	0.932	0.492	0.556	63
								25	12	23.4	22.9	0.740	0.825	0.422	0.470	
								50	0	23.4	22.9	0.804	0.904	0.473	0.532	
					Right Tilt	23095	707.5	1	25	23.4	22.9	0.548	0.619	0.299	0.338	
								25	12	23.4	22.9	0.558	0.622	0.306	0.341	
	Body & Hotspot	QPSK	Mode B	5	Rear	23095	707.5	1	25	24.7	24.2	0.608	0.681	0.351	0.393	64
								25	12	23.7	23.2	0.492	0.547	0.284	0.316	
					Front	23095	707.5	1	25	24.7	24.2	0.394	0.441	0.231	0.259	
								25	12	23.7	23.2	0.320	0.356	0.188	0.209	
	Hotspot	QPSK	Mode B	5	Edge 1	23095	707.5	1	25	24.7	24.2	0.403	0.451	0.176	0.197	
								25	12	23.7	23.2	0.327	0.364	0.143	0.159	
					Edge 2	23095	707.5	1	25	24.7	24.2	0.133	0.149	0.086	0.096	
								25	12	23.7	23.2	0.108	0.120	0.070	0.078	
					Edge 4	23095	707.5	1	25	24.7	24.2	0.279	0.312	0.179	0.200	
								25	12	23.7	23.2	0.230	0.256	0.147	0.163	

10.9. LTE Band 13 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	23230	782.0	1	25	25.7	25.1	0.158	0.184	0.123	0.143	
								25	12	24.7	24.3	0.119	0.132	0.093	0.103	
					Left Tilt	23230	782.0	1	25	25.7	25.1	0.109	0.127	0.086	0.099	
								25	12	24.7	24.3	0.082	0.091	0.065	0.072	
					Right Touch	23230	782.0	1	25	25.7	25.1	0.228	0.265	0.173	0.201	65
								25	12	24.7	24.3	0.161	0.179	0.125	0.139	
					Right Tilt	23230	782.0	1	25	25.7	25.1	0.114	0.132	0.091	0.105	
								25	12	24.7	24.3	0.093	0.103	0.074	0.082	
	Body & Hotspot	QPSK	Mode B	5	Rear	23230	782.0	1	25	25.7	25.1	0.629	0.731	0.320	0.372	66
								25	12	24.7	24.3	0.493	0.547	0.252	0.280	
					Front	23230	782.0	1	25	25.7	25.1	0.451	0.524	0.240	0.279	
								25	12	24.7	24.3	0.384	0.426	0.208	0.231	
	Hotspot	QPSK	Mode B	5	Edge 2	23230	782.0	1	25	25.7	25.1	0.742	0.862	0.486	0.564	67
								25	12	24.7	24.3	0.605	0.671	0.392	0.435	
					Edge 3	23230	782.0	1	25	25.7	25.1	0.440	0.511	0.196	0.228	
								25	12	24.7	24.3	0.434	0.481	0.187	0.207	
					Edge 4	23230	782.0	1	25	25.7	25.1	0.309	0.359	0.198	0.230	
								25	12	24.7	24.3	0.243	0.270	0.154	0.171	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	23230	782.0	1	25	23.8	23.9	0.829	0.810	0.485	0.474	
								25	12	23.7	23.5	0.840	0.888	0.489	0.517	68
								50	0	23.7	23.5	0.846	0.886	0.494	0.517	
					Left Tilt	23230	782.0	1	25	23.8	23.9	0.661	0.646	0.346	0.338	
								25	12	23.7	23.5	0.672	0.710	0.351	0.371	
					Right Touch	23230	782.0	1	25	23.8	23.9	0.619	0.605	0.398	0.389	
								25	12	23.7	23.5	0.638	0.674	0.387	0.409	
					Right Tilt	23230	782.0	1	25	23.8	23.9	0.477	0.466	0.268	0.262	
								25	12	23.7	23.5	0.479	0.506	0.267	0.282	
	Body & Hotspot	QPSK	Mode B	5	Rear	23230	782.0	1	25	24.7	23.9	0.444	0.534	0.271	0.326	69
								25	12	23.7	23.5	0.331	0.350	0.202	0.213	
					Front	23230	782.0	1	25	24.7	23.9	0.354	0.426	0.233	0.280	
								25	12	23.7	23.5	0.250	0.264	0.164	0.173	
	Hotspot	QPSK	Mode B	5	Edge 1	23230	782.0	1	25	24.7	23.9	0.238	0.286	0.119	0.143	
								25	12	23.7	23.5	0.192	0.203	0.095	0.101	
					Edge 2	23230	782.0	1	25	24.7	23.9	0.143	0.172	0.092	0.111	
								25	12	23.7	23.5	0.116	0.123	0.075	0.079	
					Edge 4	23230	782.0	1	25	24.7	23.9	0.229	0.275	0.147	0.177	
								25	12	23.7	23.5	0.182	0.192	0.117	0.124	

10.10. LTE Band 14 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	23330	793.0	1	25	25.7	25.3	0.145	0.161	0.113	0.125	
								25	12	24.7	24.3	0.121	0.133	0.094	0.103	
					Left Tilt	23330	793.0	1	25	25.7	25.3	0.120	0.133	0.096	0.106	
								25	12	24.7	24.3	0.101	0.111	0.080	0.088	
					Right Touch	23330	793.0	1	25	25.7	25.3	0.223	0.247	0.171	0.190	70
								25	12	24.7	24.3	0.176	0.193	0.134	0.147	
					Right Tilt	23330	793.0	1	25	25.7	25.3	0.140	0.155	0.110	0.122	
								25	12	24.7	24.3	0.108	0.118	0.086	0.094	
	Body & Hotspot	QPSK	Mode B	5	Rear	23330	793.0	1	25	25.7	25.3	0.667	0.740	0.339	0.376	71
								25	12	24.7	24.3	0.543	0.595	0.275	0.302	
					Front	23330	793.0	1	25	25.7	25.3	0.370	0.410	0.208	0.231	
								25	12	24.7	24.3	0.300	0.329	0.168	0.184	
	Hotspot	QPSK	Mode B	5	Edge 2	23330	793.0	1	25	25.7	25.3	0.728	0.807	0.478	0.530	72
								25	12	24.7	24.3	0.530	0.581	0.346	0.379	
					Edge 3	23330	793.0	1	25	25.7	25.3	0.492	0.546	0.224	0.248	
								25	12	24.7	24.3	0.374	0.410	0.168	0.184	
					Edge 4	23330	793.0	1	25	25.7	25.3	0.237	0.263	0.153	0.170	
								25	12	24.7	24.3	0.188	0.206	0.122	0.134	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	23330	793.0	1	25	23.8	23.7	0.743	0.769	0.475	0.492	
								25	12	23.7	23.4	0.784	0.840	0.451	0.483	
					Left Tilt	23330	793.0	1	25	23.8	23.7	0.762	0.789	0.404	0.418	
								25	12	23.7	23.4	0.617	0.661	0.327	0.350	
					Right Touch	23330	793.0	1	25	23.8	23.7	0.905	0.937	0.551	0.570	73
								25	12	23.7	23.4	0.749	0.803	0.452	0.484	
								50	0	23.7	23.4	0.729	0.788	0.436	0.472	
					Right Tilt	23330	793.0	1	25	23.8	23.7	0.579	0.599	0.329	0.341	
								25	12	23.7	23.4	0.480	0.514	0.257	0.275	
	Body & Hotspot	QPSK	Mode B	5	Rear	23330	793.0	1	25	24.7	23.7	0.571	0.727	0.341	0.434	74
								25	12	23.7	23.4	0.412	0.441	0.245	0.263	
					Front	23330	793.0	1	25	24.7	23.7	0.385	0.490	0.251	0.320	
								25	12	23.7	23.4	0.262	0.281	0.171	0.183	
	Hotspot	QPSK	Mode B	5	Edge 1	23330	793.0	1	25	24.7	23.7	0.298	0.380	0.139	0.177	
								25	12	23.7	23.4	0.211	0.226	0.104	0.111	
					Edge 2	23330	793.0	1	25	24.7	23.7	0.261	0.332	0.169	0.215	
								25	12	23.7	23.4	0.170	0.182	0.110	0.118	
					Edge 4	23330	793.0	1	25	24.7	23.7	0.315	0.401	0.203	0.259	
								25	12	23.7	23.4	0.196	0.210	0.127	0.136	

10.11. LTE Band 25 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	26365	1882.5	1	49	25.3	24.8	0.137	0.154	0.091	0.102	
								50	24	24.7	24.2	0.119	0.134	0.080	0.089	
					Left Tilt	26365	1882.5	1	49	25.3	24.8	0.124	0.139	0.073	0.082	
								50	24	24.7	24.2	0.120	0.135	0.071	0.080	
					Right Touch	26365	1882.5	1	49	25.3	24.8	0.311	0.349	0.191	0.214	
								50	24	24.7	24.2	0.313	0.351	0.192	0.215	75
					Right Tilt	26365	1882.5	1	49	25.3	24.8	0.140	0.157	0.085	0.095	
								50	24	24.7	24.2	0.117	0.131	0.072	0.081	
	Body & Hotspot	QPSK	Mode B	5	Rear	26365	1882.5	1	49	17.7	17.2	0.542	0.608	0.266	0.298	
								50	24	17.7	17.2	0.547	0.614	0.268	0.301	76
					Front	26365	1882.5	1	49	17.7	17.2	0.450	0.505	0.222	0.249	
								50	24	17.7	17.2	0.431	0.484	0.213	0.239	
	Hotspot	QPSK	Mode B	5	Edge 2	26365	1882.5	1	49	17.7	17.2	0.166	0.186	0.088	0.099	
								50	24	17.7	17.2	0.166	0.186	0.088	0.098	
					Edge 3	26140	1860.0	1	49	17.7	17.0	0.715	0.842	0.321	0.378	
								50	24	17.7	17.1	0.725	0.842	0.326	0.379	
						26365	1882.5	1	49	17.7	17.2	0.735	0.825	0.331	0.371	
								50	24	17.7	17.2	0.746	0.837	0.337	0.378	
								100	0	17.7	17.1	0.744	0.854	0.334	0.383	
						26590	1905.0	1	49	17.7	17.1	0.741	0.851	0.335	0.385	
								50	24	17.7	17.1	0.751	0.862	0.338	0.388	77
					Edge 4	26365	1882.5	1	49	17.7	17.2	0.029	0.033	0.015	0.017	
								50	24	17.7	17.2	0.031	0.035	0.017	0.019	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	26365	1882.5	1	49	20.7	20.2	0.239	0.268	0.141	0.158	
								50	24	20.7	20.2	0.218	0.245	0.132	0.148	
					Left Tilt	26365	1882.5	1	49	20.7	20.2	0.187	0.210	0.098	0.110	
								50	24	20.7	20.2	0.186	0.209	0.098	0.110	
					Right Touch	26140	1860.0	1	49	20.7	20.1	0.769	0.883	0.416	0.478	
								50	24	20.7	20.1	0.787	0.897	0.433	0.494	
						26365	1882.5	1	49	20.7	20.2	0.723	0.811	0.396	0.444	
								50	24	20.7	20.2	0.721	0.809	0.373	0.419	
								100	0	20.7	20.2	0.824	0.925	0.443	0.497	
						26590	1905.0	1	49	20.7	20.2	0.831	0.932	0.460	0.516	
								50	24	20.7	20.2	0.850	0.945	0.470	0.523	78
					Right Tilt	26365	1882.5	1	49	20.7	20.2	0.514	0.577	0.249	0.279	
								50	24	20.7	20.2	0.510	0.572	0.245	0.275	
	Body & Hotspot	QPSK	Mode B	5	Rear	26140	1860.0	1	49	22.2	21.7	0.764	0.857	0.352	0.395	
								50	24	22.2	21.7	0.780	0.875	0.363	0.407	
						26365	1882.5	1	49	22.2	21.7	0.826	0.927	0.375	0.421	
								50	24	22.2	21.8	0.832	0.912	0.378	0.414	
								100	0	22.2	21.7	0.793	0.890	0.367	0.412	
						26590	1905.0	1	49	22.2	21.7	0.814	0.913	0.375	0.421	
								50	24	22.2	21.7	0.838	0.940	0.384	0.431	79
					Front	26365	1882.5	1	49	22.2	21.7	0.497	0.558	0.246	0.276	
								50	24	22.2	21.8	0.507	0.556	0.250	0.274	
	Hotspot	QPSK	Mode B	5	Edge 1	26365	1882.5	1	49	22.2	21.7	0.495	0.555	0.222	0.249	
								50	24	22.2	21.8	0.501	0.549	0.225	0.247	
					Edge 2	26365	1882.5	1	49	22.2	21.7	0.022	0.025	0.011	0.012	
								50	24	22.2	21.8	0.025	0.027	0.012	0.013	
					Edge 4	26365	1882.5	1	49	22.2	21.7	0.596	0.669	0.300	0.337	
								50	24	22.2	21.8	0.617	0.677	0.309	0.339	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	QPSK	Mode A	0	Left Touch	26365	1882.5	1	49	25.0	24.5	0.652	0.735	0.398	0.449	80
								50	24	24.5	23.7	0.541	0.658	0.331	0.403	
					Left Tilt	26365	1882.5	1	49	25.0	24.5	0.332	0.374	0.204	0.230	
								50	24	24.5	23.7	0.253	0.308	0.158	0.192	
					Right Touch	26365	1882.5	1	49	25.0	24.5	0.290	0.327	0.181	0.204	
								50	24	24.5	23.7	0.296	0.360	0.186	0.226	
					Right Tilt	26365	1882.5	1	49	25.0	24.5	0.276	0.311	0.168	0.189	
								50	24	24.5	23.7	0.227	0.276	0.136	0.165	
	Body & Hotspot	QPSK	Mode B	5	Rear	26365	1882.5	1	49	20.2	19.9	0.707	0.766	0.373	0.404	
								50	24	20.2	19.8	0.712	0.781	0.373	0.409	81
					Front	26365	1882.5	1	49	20.2	19.9	0.540	0.585	0.288	0.312	
								50	24	20.2	19.8	0.540	0.592	0.288	0.316	
	Hotspot	QPSK	Mode B	5	Edge 3	26365	1882.5	1	49	20.2	19.9	0.222	0.241	0.109	0.118	
								50	24	20.2	19.8	0.220	0.241	0.108	0.118	
					Edge 4	26140	1860.0	1	49	20.2	19.9	0.731	0.792	0.371	0.402	
								50	24	20.2	19.7	0.728	0.824	0.370	0.419	
						26365	1882.5	1	49	20.2	19.9	0.769	0.834	0.382	0.414	
								50	24	20.2	19.8	0.768	0.842	0.381	0.418	
								100	0	20.2	19.7	0.822	0.922	0.404	0.453	82
						26590	1905.0	1	49	20.2	19.9	0.746	0.809	0.372	0.403	
								50	24	20.2	19.7	0.782	0.877	0.387	0.434	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	QPSK	Mode A	0	Left Touch	26140	1860.0	1	49	18.2	17.4	0.564	0.678	0.267	0.321	
								50	24	18.2	17.4	0.579	0.696	0.273	0.328	
						26365	1882.5	1	49	18.2	17.4	0.666	0.801	0.311	0.374	
								50	24	18.2	17.4	0.679	0.816	0.317	0.381	
								100	0	18.2	17.3	0.664	0.817	0.309	0.380	
						26590	1905.0	1	49	18.2	17.3	0.701	0.862	0.324	0.399	
								50	24	18.2	17.2	0.719	0.905	0.331	0.417	83
					Left Tilt	26365	1882.5	1	49	18.2	17.4	0.313	0.376	0.163	0.196	
								50	24	18.2	17.4	0.312	0.375	0.168	0.202	
					Right Touch	26365	1882.5	1	49	18.2	17.4	0.256	0.308	0.140	0.168	
								50	24	18.2	17.4	0.264	0.317	0.144	0.173	
					Right Tilt	26365	1882.5	1	49	18.2	17.4	0.148	0.178	0.083	0.100	
								50	24	18.2	17.4	0.147	0.177	0.081	0.097	
	Body & Hotspot	QPSK	Mode B	5	Rear	26365	1882.5	1	49	19.7	19.4	0.504	0.544	0.240	0.259	
								50	24	19.7	19.4	0.512	0.552	0.243	0.262	84
					Front	26365	1882.5	1	49	19.7	19.4	0.510	0.550	0.253	0.273	
								50	24	19.7	19.4	0.509	0.549	0.254	0.274	
	Hotspot	QPSK	Mode B	5	Edge 1	26365	1882.5	1	49	19.7	19.4	0.211	0.228	0.103	0.111	
								50	24	19.7	19.4	0.214	0.231	0.104	0.112	
					Edge 2	26140	1860.0	1	49	19.7	19.4	0.634	0.681	0.293	0.315	
								50	24	19.7	19.2	0.644	0.719	0.296	0.331	
						26365	1882.5	1	49	19.7	19.4	0.764	0.824	0.351	0.379	
								50	24	19.7	19.4	0.773	0.834	0.355	0.383	
								100	0	19.7	19.4	0.756	0.810	0.346	0.371	
						26590	1905.0	1	49	19.7	19.4	0.757	0.811	0.348	0.373	
								50	24	19.7	19.3	0.774	0.849	0.354	0.388	85

10.12. LTE Band 26 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	26865	831.5	1	25	25.7	25.6	0.205	0.212	0.157	0.163	
								25	12	24.7	24.6	0.167	0.172	0.127	0.131	
					Left Tilt	26865	831.5	1	25	25.7	25.6	0.134	0.139	0.103	0.107	
								25	12	24.7	24.6	0.111	0.114	0.085	0.088	
					Right Touch	26865	831.5	1	25	25.7	25.6	0.267	0.276	0.195	0.202	86
								25	12	24.7	24.6	0.215	0.221	0.158	0.162	
					Right Tilt	26865	831.5	1	25	25.7	25.6	0.141	0.146	0.108	0.112	
								25	12	24.7	24.6	0.112	0.115	0.086	0.088	
	Body & Hotspot	QPSK	Mode B	5	Rear	26865	831.5	1	25	25.7	25.6	0.746	0.772	0.390	0.404	87
								25	12	24.7	24.6	0.589	0.606	0.300	0.308	
					Front	26865	831.5	1	25	25.7	25.6	0.490	0.507	0.260	0.269	
								25	12	24.7	24.6	0.384	0.395	0.205	0.211	
	Hotspot	QPSK	Mode B	5	Edge 2	26865	831.5	1	25	25.7	25.6	0.673	0.697	0.432	0.447	
								25	12	24.7	24.6	0.539	0.554	0.345	0.355	
					Edge 3	26865	831.5	1	25	25.7	25.6	0.473	0.490	0.207	0.214	
								25	12	24.7	24.6	0.425	0.437	0.182	0.187	
					Edge 4	26865	831.5	1	25	25.7	25.6	0.193	0.200	0.123	0.127	
								25	12	24.7	24.6	0.157	0.161	0.100	0.103	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	26865	831.5	1	25	23.1	22.5	0.524	0.602	0.356	0.409	
								25	12	23.1	22.3	0.623	0.752	0.402	0.486	88
					Left Tilt	26865	831.5	1	25	23.1	22.5	0.402	0.462	0.223	0.256	
								25	12	23.1	22.3	0.429	0.518	0.246	0.297	
					Right Touch	26865	831.5	1	25	23.1	22.5	0.585	0.672	0.373	0.428	
								25	12	23.1	22.3	0.596	0.720	0.392	0.473	
					Right Tilt	26865	831.5	1	25	23.1	22.5	0.417	0.479	0.224	0.257	
								25	12	23.1	22.3	0.422	0.510	0.228	0.275	
	Body & Hotspot	QPSK	Mode B	5	Rear	26865	831.5	1	25	24.7	24.0	0.505	0.593	0.311	0.365	89
								25	12	23.7	23.0	0.398	0.468	0.246	0.289	
					Front	26865	831.5	1	25	24.7	24.0	0.277	0.325	0.181	0.213	
								25	12	23.7	23.0	0.226	0.266	0.148	0.174	
	Hotspot	QPSK	Mode B	5	Edge 1	26865	831.5	1	25	24.7	24.0	0.207	0.243	0.105	0.123	
								25	12	23.7	23.0	0.183	0.215	0.092	0.108	
					Edge 2	26865	831.5	1	25	24.7	24.0	0.170	0.200	0.109	0.128	
								25	12	23.7	23.0	0.135	0.159	0.087	0.102	
					Edge 4	26865	831.5	1	25	24.7	24.0	0.215	0.253	0.138	0.162	
								25	12	23.7	23.0	0.177	0.208	0.113	0.133	

10.13. LTE Band 30 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	27710	2310.0	1	25	25.7	24.9	0.256	0.305	0.152	0.181	
								25	12	24.7	23.9	0.230	0.277	0.136	0.164	
					Left Tilt	27710	2310.0	1	25	25.7	24.9	0.168	0.200	0.092	0.110	
								25	12	24.7	23.9	0.129	0.155	0.071	0.085	
					Right Touch	27710	2310.0	1	25	25.7	24.9	0.593	0.706	0.337	0.401	90
								25	12	24.7	23.9	0.476	0.572	0.269	0.323	
					Right Tilt	27710	2310.0	1	25	25.7	24.9	0.188	0.224	0.107	0.127	
								25	12	24.7	23.9	0.145	0.174	0.082	0.099	
	Body & Hotspot	QPSK	Mode B	5	Rear	27710	2310.0	1	25	21.8	21.4	0.603	0.661	0.295	0.323	
								25	12	21.8	21.4	0.617	0.677	0.300	0.329	
					Front	27710	2310.0	1	25	21.8	21.4	0.707	0.775	0.347	0.380	91
								25	12	21.8	21.4	0.601	0.659	0.299	0.328	
	Hotspot	QPSK	Mode B	5	Edge 2	27710	2310.0	1	25	21.8	21.4	0.706	0.774	0.330	0.362	
								25	12	21.8	21.4	0.686	0.752	0.324	0.355	
					Edge 3	27710	2310.0	1	25	21.8	21.4	0.865	0.948	0.394	0.432	92
								25	12	21.8	21.4	0.794	0.871	0.367	0.402	
								50	0	21.8	21.3	0.634	0.711	0.287	0.322	
					Edge 4	27710	2310.0	1	25	21.8	21.4	0.069	0.076	0.034	0.038	
								25	12	21.8	21.4	0.069	0.076	0.035	0.038	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	27710	2310.0	1	25	19.0	18.5	0.791	0.896	0.321	0.364	
								25	12	19.0	18.5	0.802	0.908	0.325	0.368	93
								50	0	19.0	18.5	0.753	0.853	0.307	0.348	
					Left Tilt	27710	2310.0	1	25	19.0	18.5	0.782	0.886	0.313	0.354	
								25	12	19.0	18.5	0.745	0.844	0.298	0.337	
								50	0	19.0	18.5	0.775	0.878	0.309	0.350	
					Right Touch	27710	2310.0	1	25	19.0	18.5	0.595	0.674	0.252	0.285	
								25	12	19.0	18.5	0.598	0.677	0.253	0.286	
					Right Tilt	27710	2310.0	1	25	19.0	18.5	0.543	0.615	0.222	0.251	
								25	12	19.0	18.5	0.545	0.617	0.224	0.254	
	Body & Hotspot	QPSK	Mode B	5	Rear	27710	2310.0	1	25	20.5	19.9	0.694	0.806	0.318	0.369	
								25	12	20.5	19.8	0.697	0.819	0.319	0.375	94
								50	0	20.5	19.8	0.659	0.780	0.301	0.356	
					Front	27710	2310.0	1	25	20.5	19.9	0.450	0.523	0.187	0.217	
								25	12	20.5	19.8	0.449	0.528	0.184	0.216	
	Hotspot	QPSK	Mode B	5	Edge 1	27710	2310.0	1	25	20.5	19.9	0.570	0.662	0.220	0.256	
								25	12	20.5	19.8	0.584	0.686	0.229	0.269	
					Edge 2	27710	2310.0	1	25	20.5	19.9	0.024	0.028	0.012	0.013	
								25	12	20.5	19.8	0.024	0.029	0.011	0.013	
					Edge 4	27710	2310.0	1	25	20.5	19.9	0.497	0.577	0.247	0.287	
								25	12	20.5	19.8	0.493	0.579	0.245	0.288	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	QPSK	Mode A	0	Left Touch	27710	2310.0	1	25	23.1	22.6	0.331	0.374	0.189	0.214	
								25	12	23.1	22.2	0.320	0.397	0.184	0.228	95
					Left Tilt	27710	2310.0	1	25	23.1	22.6	0.143	0.162	0.079	0.089	
								25	12	23.1	22.2	0.141	0.175	0.079	0.098	
					Right Touch	27710	2310.0	1	25	23.1	22.6	0.185	0.209	0.104	0.117	
								25	12	23.1	22.2	0.163	0.202	0.092	0.114	
					Right Tilt	27710	2310.0	1	25	23.1	22.6	0.168	0.190	0.092	0.104	
								25	12	23.1	22.2	0.167	0.207	0.095	0.118	
	Body & Hotspot	QPSK	Mode B	5	Rear	27710	2310.0	1	25	20.5	19.6	0.628	0.773	0.308	0.379	
								25	12	20.5	19.6	0.669	0.823	0.331	0.407	96
					Front	27710	2310.0	1	25	20.5	19.6	0.571	0.702	0.297	0.365	
								25	12	20.5	19.6	0.575	0.707	0.298	0.367	
	Hotspot	QPSK	Mode B	5	Edge 3	27710	2310.0	1	25	20.5	19.6	0.190	0.234	0.097	0.119	
								25	12	20.5	19.6	0.194	0.239	0.098	0.121	
					Edge 4	27710	2310.0	1	25	20.5	19.6	0.478	0.588	0.236	0.290	
								25	12	20.5	19.6	0.464	0.571	0.229	0.282	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	QPSK	Mode A	0	Left Touch	27710	2310.0	1	25	18.0	17.4	0.732	0.840	0.335	0.385	
								25	12	18.0	17.3	0.725	0.852	0.333	0.391	
								50	0	18.0	17.2	0.743	0.893	0.342	0.411	97
					Left Tilt	27710	2310.0	1	25	18.0	17.4	0.263	0.302	0.144	0.165	
								25	12	18.0	17.3	0.264	0.310	0.145	0.170	
					Right Touch	27710	2310.0	1	25	18.0	17.4	0.271	0.311	0.142	0.163	
								25	12	18.0	17.3	0.282	0.331	0.151	0.177	
					Right Tilt	27710	2310.0	1	25	18.0	17.4	0.082	0.094	0.047	0.053	
								25	12	18.0	17.3	0.082	0.096	0.046	0.054	
	Body & Hotspot	QPSK	Mode B	5	Rear	27710	2310.0	1	25	18.1	17.4	0.334	0.392	0.159	0.187	
								25	12	18.1	17.3	0.339	0.408	0.160	0.192	98
					Front	27710	2310.0	1	25	18.1	17.4	0.313	0.368	0.146	0.172	
								25	12	18.1	17.3	0.319	0.384	0.149	0.179	
	Hotspot	QPSK	Mode B	5	Edge 1	27710	2310.0	1	25	18.1	17.4	0.078	0.091	0.033	0.038	
								25	12	18.1	17.3	0.079	0.095	0.034	0.040	
					Edge 2	27710	2310.0	1	25	18.1	17.4	0.729	0.857	0.320	0.376	
								25	12	18.1	17.3	0.735	0.884	0.323	0.388	
								50	0	18.1	17.2	0.742	0.913	0.324	0.399	99

10.14. LTE Band 41 Power Class 3 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	40620	2593.0	1	49	25.7	25.1	0.148	0.169	0.085	0.097	
								50	24	24.7	24.2	0.117	0.132	0.066	0.074	
					Left Tilt	40620	2593.0	1	49	25.7	25.1	0.247	0.282	0.125	0.143	
								50	24	24.7	24.2	0.200	0.225	0.101	0.114	
					Right Touch	40620	2593.0	1	49	25.7	25.1	0.320	0.366	0.174	0.199	100
								50	24	24.7	24.2	0.213	0.240	0.117	0.132	
					Right Tilt	40620	2593.0	1	49	25.7	25.1	0.150	0.171	0.077	0.088	
								50	24	24.7	24.2	0.117	0.132	0.060	0.068	
	Body & Hotspot	QPSK	Mode B	5	Rear	40620	2593.0	1	49	22.3	22.2	0.703	0.719	0.308	0.315	
								50	24	22.3	22.2	0.683	0.699	0.301	0.308	
					Front	40620	2593.0	1	49	22.3	22.2	0.721	0.738	0.317	0.324	
								50	24	22.3	22.2	0.741	0.758	0.325	0.333	101
	Hotspot	QPSK	Mode B	5	Edge 2	40620	2593.0	1	49	22.3	22.2	0.746	0.763	0.321	0.328	
								50	24	22.3	22.2	0.710	0.727	0.307	0.314	
					Edge 3	39750	2506.0	1	49	22.3	22.0	0.835	0.903	0.346	0.374	102
								50	24	22.3	22.1	0.777	0.814	0.331	0.347	
						40185	2549.5	1	49	22.3	22.0	0.819	0.870	0.344	0.365	
								50	24	22.3	22.1	0.841	0.883	0.352	0.369	
						40620	2593.0	1	49	22.3	22.2	0.814	0.833	0.340	0.348	
								50	24	22.3	22.2	0.690	0.706	0.287	0.294	
								100	0	22.3	22.0	0.796	0.853	0.324	0.347	
						41055	2636.5	1	49	22.3	21.9	0.567	0.622	0.237	0.260	
								50	24	22.3	21.9	0.715	0.784	0.291	0.319	
						41490	2680.0	1	49	22.3	22.0	0.659	0.708	0.266	0.286	
								50	24	22.3	21.7	0.671	0.779	0.271	0.315	
					Edge 4	40620	2593.0	1	49	22.3	22.2	0.008	0.008	0.003	0.003	
								50	24	22.3	22.2	0.006	0.006	0.002	0.002	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	40620	2593.0	1	49	18.7	18.5	0.682	0.714	0.253	0.265	
								50	24	18.7	18.5	0.692	0.725	0.256	0.268	
					Left Tilt	40620	2593.0	1	49	18.7	18.5	0.641	0.671	0.230	0.241	
								50	24	18.7	18.5	0.644	0.674	0.231	0.242	
					Right Touch	40620	2593.0	1	49	18.7	18.5	0.726	0.760	0.285	0.298	
								50	24	18.7	18.5	0.747	0.782	0.296	0.310	103
					Right Tilt	40620	2593.0	1	49	18.7	18.5	0.577	0.604	0.232	0.243	
								50	24	18.7	18.5	0.574	0.601	0.230	0.241	
	Body & Hotspot	QPSK	Mode B	5	Rear	40620	2593.0	1	49	19.8	19.3	0.526	0.590	0.194	0.218	
								50	24	19.8	19.3	0.537	0.603	0.196	0.220	104
					Front	40620	2593.0	1	49	19.8	19.3	0.435	0.488	0.174	0.195	
								50	24	19.8	19.3	0.440	0.494	0.176	0.197	
	Hotspot	QPSK	Mode B	5	Edge 1	40620	2593.0	1	49	19.8	19.3	0.645	0.724	0.212	0.238	
								50	24	19.8	19.3	0.654	0.734	0.215	0.241	105
					Edge 2	40620	2593.0	1	49	19.8	19.3	0.015	0.017	0.005	0.005	
								50	24	19.8	19.3	0.016	0.018	0.005	0.005	
					Edge 4	40620	2593.0	1	49	19.8	19.3	0.314	0.352	0.141	0.158	
								50	24	19.8	19.3	0.316	0.355	0.142	0.159	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	QPSK	Mode A	0	Left Touch	40620	2593.0	1	49	25.4	24.7	0.420	0.493	0.227	0.267	106
								50	24	24.7	24.0	0.361	0.424	0.194	0.228	
					Left Tilt	40620	2593.0	1	49	25.4	24.7	0.154	0.181	0.081	0.095	
								50	24	24.7	24.0	0.133	0.156	0.070	0.082	
					Right Touch	40620	2593.0	1	49	25.4	24.7	0.215	0.253	0.114	0.134	
								50	24	24.7	24.0	0.181	0.213	0.098	0.115	
					Right Tilt	40620	2593.0	1	49	25.4	24.7	0.217	0.255	0.111	0.130	
								50	24	24.7	24.0	0.185	0.217	0.094	0.110	
	Body & Hotspot	QPSK	Mode B	5	Rear	40620	2593.0	1	49	20.8	20.3	0.464	0.527	0.218	0.247	
								50	24	20.8	20.0	0.469	0.560	0.216	0.258	107
					Front	40620	2593.0	1	49	20.8	20.3	0.335	0.380	0.174	0.197	
								50	24	20.8	20.0	0.358	0.427	0.183	0.218	
	Hotspot	QPSK	Mode B	5	Edge 3	40620	2593.0	1	49	20.8	20.3	0.134	0.152	0.060	0.068	
								50	24	20.8	20.0	0.137	0.164	0.061	0.073	
					Edge 4	40620	2593.0	1	49	20.8	20.3	0.633	0.718	0.285	0.323	
								50	24	20.8	20.0	0.644	0.769	0.288	0.344	108

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	QPSK	Mode A	0	Left Touch	40620	2593.0	1	49	19.7	19.7	0.700	0.700	0.299	0.299	109
								50	24	19.7	19.7	0.691	0.694	0.291	0.292	
					Left Tilt	40620	2593.0	1	49	19.7	19.7	0.186	0.186	0.088	0.088	
								50	24	19.7	19.7	0.189	0.190	0.091	0.091	
					Right Touch	40620	2593.0	1	49	19.7	19.7	0.241	0.241	0.126	0.126	
								50	24	19.7	19.7	0.246	0.247	0.128	0.129	
					Right Tilt	40620	2593.0	1	49	19.7	19.7	0.067	0.067	0.036	0.036	
								50	24	19.7	19.7	0.068	0.068	0.037	0.037	
	Body & Hotspot	QPSK	Mode B	5	Rear	40620	2593.0	1	49	21.0	20.8	0.494	0.517	0.226	0.237	
								50	24	21.0	20.7	0.492	0.527	0.226	0.242	110
					Front	40620	2593.0	1	49	21.0	20.8	0.413	0.432	0.195	0.204	
								50	24	21.0	20.7	0.422	0.452	0.199	0.213	
	Hotspot	QPSK	Mode B	5	Edge 1	40620	2593.0	1	49	21.0	20.8	0.112	0.117	0.053	0.055	
								50	24	21.0	20.7	0.113	0.121	0.053	0.057	
					Edge 2	39750	2506.0	1	49	21.0	20.8	0.890	0.938	0.400	0.422	111
								50	24	21.0	20.7	0.872	0.937	0.392	0.421	
						40185	2549.5	1	49	21.0	20.6	0.778	0.847	0.342	0.372	
								50	24	21.0	20.5	0.808	0.907	0.353	0.396	
						40620	2593.0	1	49	21.0	20.8	0.820	0.859	0.359	0.376	
								50	24	21.0	20.7	0.804	0.862	0.350	0.375	
								100	0	21.0	20.4	0.791	0.914	0.342	0.395	
						41055	2636.5	1	49	21.0	20.6	0.677	0.749	0.292	0.323	
								50	24	21.0	20.5	0.757	0.849	0.322	0.361	
						41490	2680.0	1	49	21.0	20.8	0.655	0.686	0.276	0.289	
								50	24	21.0	20.7	0.628	0.679	0.263	0.284	

UL CA 41C

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offset	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 1	Head	QPSK	Mode A	0	Right Touch	40521	2583.1	1	99	40719	2602.9	1	0	25.7	24.1	0.174	0.252	0.090	0.130	
	Body	QPSK	Mode B	5	Front	40521	2583.1	1	99	40719	2602.9	1	0	22.3	21.2	0.580	0.747	0.256	0.330	
	Hotspot	QPSK	Mode B	5	Edge 2	40521	2583.1	1	99	40719	2602.9	1	0	22.3	21.2	0.460	0.593	0.179	0.231	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offset	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 2	Head	QPSK	Mode A	0	Right Touch	40521	2583.1	1	99	40719	2602.9	1	0	18.7	17.3	0.466	0.643	0.174	0.240	
	Body	QPSK	Mode B	5	Rear	40521	2583.1	1	99	40719	2602.9	1	0	19.8	18.1	0.304	0.450	0.113	0.167	
	Hotspot	QPSK	Mode B	5	Edge 1	40521	2583.1	1	99	40719	2602.9	1	0	19.8	18.1	0.560	0.828	0.195	0.288	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offset	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 3	Head	QPSK	Mode A	0	Left Touch	40521	2583.1	1	99	40719	2602.9	1	0	25.4	24.0	0.168	0.232	0.089	0.123	
	Body	QPSK	Mode B	5	Rear	40521	2583.1	1	99	40719	2602.9	1	0	20.8	18.5	0.247	0.419	0.123	0.209	
	Hotspot	QPSK	Mode B	5	Edge 4	40521	2583.1	1	99	40719	2602.9	1	0	20.8	18.5	0.399	0.678	0.174	0.295	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offset	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 4	Head	QPSK	Mode A	0	Left Touch	40521	2583.1	1	99	40719	2602.9	1	0	19.7	18.6	0.495	0.638	0.203	0.262	
	Body	QPSK	Mode B	5	Rear	40521	2583.1	1	99	40719	2602.9	1	0	21.0	20.1	0.301	0.370	0.130	0.160	
	Hotspot	QPSK	Mode B	5	Edge 2	39750	2506.0	1	99	39948	2525.8	1	0	21.0	20.2	0.587	0.706	0.253	0.304	

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.
Additional SAR for UL CA PC2 is not required. Test reduction has been applied based on standalone SAR.

10.15. LTE Band 41 Power Class 2 (20MHz Bandwidth)

According to Section 9.4, SAR evaluation for PC2 is only required when its Maximum output power (Tune-up Limit) is higher from PC3.

From May 2017 TCB Workshop, SAR tested were performed using Power Class 3. SAR test for Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination. According to the highest time averaged power for UL-DL configurations, configuration # 1 with duty cycle 43.3% is used for Power Class 2 SAR test.

Additional SAR testing for Power Class 2 is not required when:

- The reported SAR vs. output power can be linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg

Reported SAR vs. Output Power linearly scaled

Antenna	RF Exposure Conditions	Power Class 2			Power Class 3				PC2 linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)
		Duty Cycle	Tune-up Power (dBm)	Frame Avg. Power (mW)	Duty Cycle	Tune-up Power (dBm)	Frame Avg. Power (mW)	Reported 1-g SAR (W/kg)		
ANT1	Head	43.3%	28.70	320.99	63.3%	25.70	235.18	0.366	0.500	36.48%
ANT1	Body	43.3%	23.90	106.29	63.3%	22.30	107.50	0.758	0.749	-1.13%
ANT1	Hotspot	43.3%	23.90	106.29	63.3%	22.30	107.50	0.903	0.893	-1.13%
ANT2	Head	43.3%	20.30	46.40	63.3%	18.70	46.92	0.782	0.773	-1.13%
ANT2	Body	43.3%	21.40	59.77	63.3%	19.80	60.45	0.603	0.596	-1.13%
ANT2	Hotspot	43.3%	21.40	59.77	63.3%	19.80	60.45	0.734	0.726	-1.13%
ANT3	Head	43.3%	27.00	217.01	63.3%	25.40	219.48	0.493	0.487	-1.13%
ANT3	Body	43.3%	22.40	75.25	63.3%	20.80	76.10	0.560	0.554	-1.13%
ANT3	Hotspot	43.3%	22.40	75.25	63.3%	20.80	76.10	0.769	0.760	-1.13%
ANT4	Head	43.3%	21.30	58.41	63.3%	19.70	59.07	0.700	0.692	-1.13%
ANT4	Body	43.3%	22.60	78.79	63.3%	21.00	79.69	0.527	0.521	-1.13%
ANT4	Hotspot	43.3%	22.60	78.79	63.3%	21.00	79.69	0.938	0.927	-1.13%

Conclusion:

ANT1 Head SAR test for Power Class 2 is required based on the reported SAR vs. output power linearly scaled >10%. Additional SAR testing for Power Class 2 is required.

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A (PC2)	0	Left Touch	40620	2593.0	1	49	28.7	27.8	0.214	0.263	0.104	0.128	
								50	24	27.7	26.9	0.125	0.150	0.063	0.076	
					Left Tilt	40620	2593.0	1	49	28.7	27.8	0.342	0.421	0.174	0.214	
								50	24	27.7	26.9	0.277	0.333	0.141	0.170	
					Right Touch	40620	2593.0	1	49	28.7	27.8	0.398	0.490	0.214	0.263	336
								50	24	27.7	26.9	0.315	0.379	0.170	0.204	
					Right Tilt	40620	2593.0	1	49	28.7	27.8	0.227	0.279	0.116	0.143	
								50	24	27.7	26.9	0.183	0.220	0.094	0.113	

UL CA 41C Power class 2

Antenna	RF Exposure Conditions	Power Class 2			Power Class 3				PC2 linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)
		Duty Cycle	Tune-up Power (dBm)	Frame Avg. Power (mW)	Duty Cycle	Tune-up Power (dBm)	Frame Avg. Power (mW)	Reported 1-g SAR (W/kg)		
ANT1	Head	43.3%	28.70	320.99	63.3%	25.70	235.18	0.252	0.344	36.48%
ANT1	Body	43.3%	23.90	106.29	63.3%	22.30	107.50	0.747	0.739	-1.13%
ANT1	Hotspot	43.3%	23.90	106.29	63.3%	22.30	107.50	0.593	0.586	-1.13%
ANT2	Head	43.3%	20.30	46.40	63.3%	18.70	46.92	0.643	0.636	-1.13%
ANT2	Body	43.3%	21.40	59.77	63.3%	19.80	60.45	0.450	0.445	-1.13%
ANT2	Hotspot	43.3%	21.40	59.77	63.3%	19.80	60.45	0.828	0.819	-1.13%
ANT3	Head	43.3%	27.00	217.01	63.3%	25.40	219.48	0.232	0.229	-1.13%
ANT3	Body	43.3%	22.40	75.25	63.3%	20.80	76.10	0.419	0.414	-1.13%
ANT3	Hotspot	43.3%	22.40	75.25	63.3%	20.80	76.10	0.678	0.670	-1.13%
ANT4	Head	43.3%	21.30	58.41	63.3%	19.70	59.07	0.638	0.631	-1.13%
ANT4	Body	43.3%	22.60	78.79	63.3%	21.00	79.69	0.370	0.366	-1.13%
ANT4	Hotspot	43.3%	22.60	78.79	63.3%	21.00	79.69	0.706	0.698	-1.13%

Conclusion:

ANT1 Head SAR test for Power Class 2 is required based on the reported SAR vs. output power linearly scaled >10%. Additional SAR testing for Power Class 2 is required.

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 1	Head	QPSK	Mode A	0	Right Touch	40521	2583.1	1	99	40719	2602.9	1	0	25.7	25.4	0.218	0.234	0.117	0.125	

10.16. LTE Band 48 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT7	Head	QPSK	Mode A	0	Left Touch	56207	3646.7	1	49	26.0	25.0	0.086	0.108	0.044	0.055	
								50	24	25.0	24.7	0.087	0.093	0.043	0.046	
					Left Tilt	56207	3646.7	1	49	26.0	25.0	0.127	0.160	0.048	0.061	
								50	24	25.0	24.7	0.121	0.130	0.046	0.050	
					Right Touch	56207	3646.7	1	49	26.0	25.0	0.225	0.283	0.100	0.126	112
								50	24	25.0	24.7	0.205	0.220	0.092	0.098	
					Right Tilt	56207	3646.7	1	49	26.0	25.0	0.116	0.146	0.046	0.057	
								50	24	25.0	24.7	0.101	0.108	0.041	0.044	
	Body & Hotspot	QPSK	Mode B	5	Rear	56207	3646.7	1	49	22.5	22.0	0.556	0.631	0.209	0.237	
								50	24	22.5	22.0	0.559	0.634	0.210	0.238	113
					Front	56207	3646.7	1	49	22.5	22.0	0.334	0.379	0.124	0.141	
								50	24	22.5	22.0	0.338	0.384	0.123	0.140	
	Hotspot	QPSK	Mode B	5	Edge 2	55340	3560.0	1	49	22.5	21.6	0.619	0.765	0.211	0.261	
								50	24	22.5	21.7	0.631	0.767	0.215	0.261	
						55773	3603.3	1	49	22.5	21.6	0.557	0.684	0.190	0.233	
								50	24	22.5	21.8	0.570	0.677	0.197	0.234	
						56207	3646.7	1	49	22.5	22.0	0.716	0.813	0.249	0.283	
								50	24	22.5	22.0	0.745	0.846	0.257	0.292	
								100	0	22.5	21.9	0.739	0.858	0.253	0.294	114
						56640	3690.0	1	49	22.5	21.9	0.706	0.820	0.250	0.290	
								50	24	22.5	22.0	0.720	0.817	0.255	0.289	
					Edge 3	56207	3646.7	1	49	22.5	22.0	0.098	0.111	0.034	0.039	
								50	24	22.5	22.0	0.155	0.176	0.046	0.052	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT8	Head	QPSK	Mode A	0	Left Touch	56207	3646.7	1	49	25.0	25.0	0.339	0.339	0.109	0.109	
								50	24	25.0	24.9	0.251	0.256	0.089	0.091	
					Left Tilt	56207	3646.7	1	49	25.0	25.0	0.309	0.309	0.095	0.095	
								50	24	25.0	24.9	0.240	0.245	0.073	0.075	
					Right Touch	55340	3560.0	1	49	25.0	24.9	0.927	0.949	0.293	0.300	115
						55773	3603.3	1	49	25.0	25.0	0.890	0.890	0.278	0.278	
						56207	3646.7	1	49	25.0	25.0	0.852	0.852	0.266	0.266	
								50	24	25.0	24.9	0.699	0.714	0.218	0.223	
						56640	3690.0	1	49	25.0	24.6	0.752	0.830	0.267	0.295	
					Right Tilt	56207	3646.7	1	49	25.0	25.0	0.779	0.779	0.263	0.263	
								50	24	25.0	24.9	0.633	0.646	0.215	0.220	
	Body & Hotspot	QPSK	Mode B	5	Rear	55340	3560.0	1	49	19.3	19.1	0.826	0.865	0.289	0.303	
								50	24	19.3	19.2	0.885	0.904	0.306	0.312	
						55773	3603.3	1	49	19.3	19.2	0.842	0.864	0.289	0.296	
								50	24	19.3	19.3	0.864	0.868	0.296	0.297	
						56207	3646.7	1	49	19.3	19.3	0.913	0.913	0.309	0.309	
								50	24	19.3	19.3	0.937	0.937	0.316	0.316	116
								100	0	19.3	19.3	0.896	0.896	0.303	0.303	
						56640	3690.0	1	49	19.3	19.3	0.925	0.925	0.313	0.313	
								50	24	19.3	19.3	0.928	0.928	0.314	0.314	
					Front	56207	3646.7	1	49	19.3	19.3	0.106	0.106	0.032	0.032	
								50	24	19.3	19.3	0.108	0.108	0.032	0.032	
	Hotspot	QPSK	Mode B	5	Edge 1	56207	3646.7	1	49	19.3	19.3	0.148	0.148	0.056	0.056	
								50	24	19.3	19.3	0.138	0.138	0.055	0.055	
					Edge 4	56207	3646.7	1	49	19.3	19.3	0.141	0.141	0.055	0.055	
								50	24	19.3	19.3	0.145	0.145	0.057	0.057	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT9	Head	QPSK	Mode A	0	Left Touch	56207	3646.7	1	49	21.7	21.2	0.363	0.407	0.161	0.181	117
								50	24	21.7	21.4	0.370	0.396	0.164	0.176	
					Left Tilt	56207	3646.7	1	49	21.7	21.2	0.101	0.113	0.046	0.051	
								50	24	21.7	21.4	0.099	0.106	0.046	0.049	
					Right Touch	56207	3646.7	1	49	21.7	21.2	0.191	0.214	0.089	0.100	
								50	24	21.7	21.4	0.188	0.201	0.089	0.095	
					Right Tilt	56207	3646.7	1	49	21.7	21.2	0.149	0.167	0.059	0.066	
								50	24	21.7	21.4	0.150	0.161	0.059	0.063	
	Body & Hotspot	QPSK	Mode B	5	Rear	56207	3646.7	1	49	19.7	19.4	0.335	0.363	0.132	0.143	
								50	24	19.7	19.4	0.336	0.364	0.133	0.144	
					Front	56207	3646.7	1	49	19.7	19.4	0.540	0.585	0.190	0.206	
								50	24	19.7	19.4	0.547	0.593	0.192	0.208	118
	Hotspot	QPSK	Mode B	5	Edge 3	56207	3646.7	1	49	19.7	19.4	0.198	0.215	0.084	0.091	
								50	24	19.7	19.4	0.198	0.215	0.084	0.091	
					Edge 4	55340	3560.0	1	49	19.7	19.4	0.679	0.729	0.250	0.268	
								50	24	19.7	19.4	0.696	0.754	0.256	0.277	
						55773	3603.3	1	49	19.7	19.4	0.682	0.736	0.253	0.273	
								50	24	19.7	19.4	0.700	0.759	0.258	0.280	
						56207	3646.7	1	49	19.7	19.4	0.759	0.823	0.283	0.307	
								50	24	19.7	19.4	0.772	0.837	0.284	0.308	
								100	0	19.7	19.4	0.769	0.834	0.283	0.307	
						56640	3690.0	1	49	19.7	19.4	0.801	0.868	0.298	0.323	
								50	24	19.7	19.3	0.841	0.924	0.312	0.343	119

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	QPSK	Mode A	0	Left Touch	55340	3560.0	1	49	20.5	20.5	0.714	0.714	0.255	0.255	
								50	24	20.5	20.5	0.729	0.729	0.260	0.260	
						55773	3603.3	1	49	20.5	20.5	0.749	0.749	0.264	0.264	
								50	24	20.5	20.5	0.780	0.780	0.275	0.275	
						56207	3646.7	1	49	20.5	20.5	0.837	0.837	0.293	0.293	
								50	24	20.5	20.5	0.845	0.845	0.296	0.296	
								100	0	20.5	20.5	0.847	0.847	0.296	0.296	
						56640	3690.0	1	49	20.5	20.5	0.934	0.934	0.329	0.329	120
								50	24	20.5	20.5	0.881	0.881	0.307	0.307	
					Left Tilt	56207	3646.7	1	49	20.5	20.5	0.300	0.300	0.114	0.114	
								50	24	20.5	20.5	0.339	0.339	0.134	0.134	
					Right Touch	56207	3646.7	1	49	20.5	20.5	0.167	0.167	0.077	0.077	
								50	24	20.5	20.5	0.167	0.167	0.077	0.077	
					Right Tilt	56207	3646.7	1	49	20.5	20.5	0.117	0.117	0.051	0.051	
								50	24	20.5	20.5	0.119	0.119	0.051	0.051	
	Body & Hotspot	QPSK	Mode B	5	Rear	56207	3646.7	1	49	22.0	21.6	0.486	0.533	0.188	0.206	
								50	24	22.0	21.6	0.490	0.542	0.191	0.211	121
					Front	56207	3646.7	1	49	22.0	21.6	0.366	0.401	0.134	0.147	
								50	24	22.0	21.6	0.364	0.403	0.136	0.151	
	Hotspot	QPSK	Mode B	5	Edge 1	56207	3646.7	1	49	22.0	21.6	0.124	0.136	0.050	0.054	
								50	24	22.0	21.6	0.100	0.111	0.044	0.049	
					Edge 2	55340	3560.0	1	49	22.0	21.6	0.822	0.901	0.301	0.330	
								50	24	22.0	21.6	0.826	0.906	0.302	0.331	122
						55773	3603.3	1	49	22.0	21.6	0.793	0.870	0.290	0.318	
								50	24	22.0	21.6	0.823	0.902	0.298	0.327	
						56207	3646.7	1	49	22.0	21.6	0.787	0.863	0.292	0.320	
								50	24	22.0	21.6	0.781	0.864	0.289	0.320	
								100	0	22.0	21.6	0.716	0.791	0.264	0.291	
						56640	3690.0	1	49	22.0	21.6	0.787	0.863	0.288	0.316	
								50	24	22.0	21.6	0.812	0.901	0.297	0.329	

UL CA 48C

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 7	Head	QPSK	Mode A	0	Right Touch	55891	3615.1	1	99	56089	3634.9	1	0	25.0	24.6	0.119	0.130	0.054	0.060	
	Body	QPSK	Mode B	5	Rear	55891	3615.1	1	99	56089	3634.9	1	0	22.5	21.1	0.349	0.482	0.137	0.189	
	Hotspot	QPSK	Mode B	5	Edge 2	55891	3615.1	1	99	56089	3634.9	1	0	22.5	21.1	0.386	0.533	0.141	0.195	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 8	Head	QPSK	Mode A	0	Right Touch	55340	3560.0	1	99	55538	3579.8	1	0	25.0	23.8	0.473	0.624	0.149	0.196	
	Body	QPSK	Mode B	5	Rear	55891	3615.1	1	99	56089	3634.9	1	0	19.3	17.9	0.474	0.654	0.161	0.222	
	Hotspot	QPSK	Mode B	5	Rear	55891	3615.1	1	99	56089	3634.9	1	0	19.3	17.9	0.474	0.654	0.161	0.222	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 9	Head	QPSK	Mode A	0	Left Touch	55891	3615.1	1	99	56089	3634.9	1	0	21.7	20.5	0.180	0.237	0.085	0.112	
	Body	QPSK	Mode B	5	Front	55891	3615.1	1	99	56089	3634.9	1	0	19.7	18.8	0.241	0.296	0.089	0.110	
	Hotspot	QPSK	Mode B	5	Edge 4	56442	3670.2	1	99	56640	3690.0	1	0	19.7	18.9	0.449	0.540	0.168	0.202	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 4	Head	QPSK	Mode A	0	Left Touch	56442	3670.2	1	99	56640	3690.0	1	0	20.5	19.6	0.474	0.583	0.174	0.214	
	Body	QPSK	Mode B	5	Rear	55891	3615.1	1	99	56089	3634.9	1	0	22.0	20.9	0.227	0.292	0.092	0.119	
	Hotspot	QPSK	Mode B	5	Edge 2	55340	3560.0	1	99	55538	3579.8	1	0	22.0	20.9	0.375	0.483	0.142	0.183	

Note(s):

PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

10.17. LTE Band 53 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	60197	2489.2	1	25	20.7	20.0	0.057	0.067	0.028	0.033	
								25	12	20.7	20.1	0.058	0.067	0.028	0.032	
					Left Tilt	60197	2489.2	1	25	20.7	20.0	0.060	0.070	0.033	0.039	
								25	12	20.7	20.1	0.059	0.068	0.032	0.037	
					Right Touch	60197	2489.2	1	25	20.7	20.0	0.132	0.155	0.072	0.085	123
								25	12	20.7	20.1	0.131	0.150	0.071	0.082	
					Right Tilt	60197	2489.2	1	25	20.7	20.0	0.041	0.048	0.023	0.027	
								25	12	20.7	20.1	0.039	0.045	0.022	0.025	
	Body & Hotspot	QPSK	Mode B	5	Rear	60197	2489.2	1	25	20.7	20.0	0.729	0.857	0.327	0.384	
								25	12	20.7	20.1	0.787	0.904	0.347	0.398	
								50	0	20.7	20.0	0.780	0.914	0.344	0.403	124
					Front	60197	2489.2	1	25	20.7	20.0	0.320	0.376	0.162	0.190	
								25	12	20.7	20.1	0.345	0.396	0.174	0.200	
	Hotspot	QPSK	Mode B	5	Edge 2	60197	2489.2	1	25	20.7	20.0	0.546	0.641	0.242	0.284	
								25	12	20.7	20.1	0.562	0.645	0.248	0.285	
					Edge 3	60197	2489.2	1	25	20.7	20.0	0.209	0.246	0.087	0.102	
								25	12	20.7	20.1	0.212	0.243	0.089	0.102	
					Edge 4	60197	2489.2	1	25	20.7	20.0	0.026	0.031	0.013	0.016	
								25	12	20.7	20.1	0.033	0.038	0.017	0.020	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	60197	2489.2	1	25	17.6	17.4	0.829	0.868	0.316	0.331	
								25	12	17.6	17.4	0.906	0.944	0.347	0.362	125
								50	0	17.6	17.4	0.810	0.854	0.308	0.325	
					Left Tilt	60197	2489.2	1	25	17.6	17.4	0.811	0.849	0.303	0.317	
								25	12	17.6	17.4	0.872	0.909	0.324	0.338	
								50	0	17.6	17.4	0.825	0.870	0.306	0.323	
					Right Touch	60197	2489.2	1	25	17.6	17.4	0.689	0.721	0.281	0.294	
								25	12	17.6	17.4	0.688	0.717	0.280	0.292	
					Right Tilt	60197	2489.2	1	25	17.6	17.4	0.654	0.685	0.267	0.280	
								25	12	17.6	17.4	0.631	0.658	0.264	0.275	
	Body & Hotspot	QPSK	Mode B	5	Rear	60197	2489.2	1	25	19.5	19.3	0.654	0.685	0.256	0.268	
								25	12	19.5	19.2	0.654	0.696	0.256	0.272	
					Front	60197	2489.2	1	25	19.5	19.3	0.797	0.835	0.325	0.340	
								25	12	19.5	19.2	0.794	0.845	0.322	0.343	
								50	0	19.5	19.2	0.802	0.859	0.326	0.349	126
	Hotspot	QPSK	Mode B	5	Edge 1	60197	2489.2	1	25	19.5	19.3	0.873	0.914	0.326	0.341	127
								25	12	19.5	19.2	0.849	0.903	0.315	0.335	
								50	0	19.5	19.2	0.847	0.908	0.314	0.336	
					Edge 2	60197	2489.2	1	25	19.5	19.3	0.048	0.050	0.025	0.026	
								25	12	19.5	19.2	0.050	0.053	0.026	0.028	
					Edge 4	60197	2489.2	1	25	19.5	19.3	0.454	0.475	0.216	0.226	
								25	12	19.5	19.2	0.445	0.474	0.213	0.227	

10.18. LTE Band 66 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	132322	1745.0	1	49	23.7	23.2	0.140	0.157	0.090	0.101	
								50	24	23.7	23.1	0.136	0.156	0.089	0.102	
					Left Tilt	132322	1745.0	1	49	23.7	23.2	0.111	0.125	0.068	0.076	
								50	24	23.7	23.1	0.113	0.130	0.069	0.079	
					Right Touch	132322	1745.0	1	49	23.7	23.2	0.305	0.342	0.185	0.208	
								50	24	23.7	23.1	0.303	0.348	0.185	0.212	128
					Right Tilt	132322	1745.0	1	49	23.7	23.2	0.094	0.105	0.060	0.067	
								50	24	23.7	23.1	0.093	0.107	0.060	0.069	
	Body & Hotspot	QPSK	Mode B	5	Rear	132322	1745.0	1	49	17.4	17.1	0.497	0.533	0.245	0.263	129
								50	24	17.4	17.0	0.411	0.451	0.206	0.226	
					Front	132322	1745.0	1	49	17.4	17.1	0.344	0.369	0.172	0.184	
								50	24	17.4	17.0	0.342	0.375	0.171	0.187	
	Hotspot	QPSK	Mode B	5	Edge 2	132322	1745.0	1	49	17.4	17.1	0.190	0.204	0.095	0.102	
								50	24	17.4	17.0	0.189	0.207	0.094	0.103	
					Edge 3	132072	1720.0	1	49	17.4	17.0	0.834	0.925	0.382	0.424	
								50	24	17.4	17.0	0.842	0.927	0.385	0.424	130
						132322	1745.0	1	49	17.4	17.1	0.760	0.814	0.345	0.370	
								50	24	17.4	17.0	0.759	0.832	0.346	0.379	
								100	0	17.4	17.0	0.755	0.828	0.344	0.377	
						132572	1770.0	1	49	17.4	16.9	0.771	0.869	0.350	0.395	
								50	24	17.4	16.9	0.756	0.848	0.343	0.385	
					Edge 4	132322	1745.0	1	49	17.4	17.1	0.012	0.013	0.005	0.006	
								50	24	17.4	17.0	0.011	0.012	0.005	0.006	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	132322	1745.0	1	49	20.5	19.7	0.346	0.416	0.182	0.219	
								50	24	20.5	19.7	0.346	0.416	0.180	0.216	
					Left Tilt	132322	1745.0	1	49	20.5	19.7	0.427	0.513	0.202	0.243	
								50	24	20.5	19.7	0.427	0.513	0.202	0.243	
					Right Touch	132072	1720.0	1	49	20.5	19.7	0.551	0.662	0.292	0.351	
								50	24	20.5	19.7	0.547	0.658	0.291	0.350	
						132322	1745.0	1	49	20.5	19.7	0.683	0.821	0.356	0.428	
								50	24	20.5	19.7	0.673	0.809	0.351	0.422	
								100	0	20.5	19.6	0.623	0.766	0.329	0.405	
						132572	1770.0	1	49	20.5	19.6	0.693	0.849	0.380	0.465	131
								50	24	20.5	19.6	0.691	0.846	0.380	0.465	
					Right Tilt	132322	1745.0	1	49	20.5	19.7	0.597	0.718	0.293	0.352	
								50	24	20.5	19.7	0.599	0.720	0.293	0.352	
	Body & Hotspot	QPSK	Mode B	5	Rear	132322	1745.0	1	49	20.7	20.5	0.646	0.676	0.316	0.331	
								50	24	20.7	20.4	0.660	0.707	0.322	0.345	132
					Front	132322	1745.0	1	49	20.7	20.5	0.478	0.501	0.237	0.248	
								50	24	20.7	20.4	0.458	0.491	0.230	0.246	
	Hotspot	QPSK	Mode B	5	Edge 1	132072	1720.0	1	49	20.7	20.5	0.885	0.927	0.413	0.432	
								50	24	20.7	20.4	0.881	0.944	0.410	0.439	133
						132322	1745.0	1	49	20.7	20.5	0.846	0.886	0.396	0.415	
								50	24	20.7	20.4	0.841	0.901	0.391	0.419	
								100	0	20.7	20.2	0.830	0.931	0.389	0.436	
						132572	1770.0	1	49	20.7	20.2	0.750	0.842	0.351	0.394	
								50	24	20.7	20.1	0.754	0.866	0.352	0.404	
					Edge 2	132322	1745.0	1	49	20.7	20.5	0.008	0.008	0.003	0.003	
								50	24	20.7	20.4	0.004	0.004	0.020	0.021	
					Edge 4	132322	1745.0	1	49	20.7	20.5	0.563	0.590	0.304	0.318	
								50	24	20.7	20.4	0.566	0.606	0.306	0.328	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	QPSK	Mode A	0	Left Touch	132322	1745.0	1	49	24.8	24.3	0.501	0.567	0.313	0.354	134
								50	24	24.5	24.0	0.427	0.485	0.267	0.303	
					Left Tilt	132322	1745.0	1	49	24.8	24.3	0.258	0.292	0.164	0.186	
								50	24	24.5	24.0	0.230	0.261	0.146	0.166	
					Right Touch	132322	1745.0	1	49	24.8	24.3	0.247	0.280	0.162	0.183	
								50	24	24.5	24.0	0.211	0.239	0.138	0.157	
					Right Tilt	132322	1745.0	1	49	24.8	24.3	0.195	0.221	0.126	0.143	
								50	24	24.5	24.0	0.163	0.185	0.105	0.119	
	Body & Hotspot	QPSK	Mode B	5	Rear	132322	1745.0	1	49	21.0	20.8	0.668	0.708	0.367	0.389	
								50	24	21.0	20.8	0.673	0.713	0.368	0.390	135
					Front	132322	1745.0	1	49	21.0	20.8	0.353	0.374	0.200	0.212	
								50	24	21.0	20.8	0.350	0.371	0.199	0.211	
	Hotspot	QPSK	Mode B	5	Edge 3	132322	1745.0	1	49	21.0	20.8	0.214	0.227	0.096	0.102	
								50	24	21.0	20.8	0.209	0.221	0.094	0.100	
					Edge 4	132072	1720.0	1	49	21.0	20.7	0.865	0.925	0.438	0.468	
								50	24	21.0	20.7	0.848	0.907	0.431	0.461	
						132322	1745.0	1	49	21.0	20.8	0.822	0.871	0.421	0.446	
								50	24	21.0	20.8	0.817	0.865	0.419	0.444	
								100	0	21.0	20.6	0.853	0.929	0.435	0.474	136
						132572	1770.0	1	49	21.0	20.5	0.798	0.893	0.408	0.457	
								50	24	21.0	20.6	0.788	0.872	0.402	0.445	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	QPSK	Mode A	0	Left Touch	132072	1720.0	1	49	20.0	19.3	0.751	0.882	0.366	0.430	
								50	24	20.0	19.3	0.558	0.656	0.275	0.323	
						132322	1745.0	1	49	20.0	19.3	0.690	0.811	0.331	0.389	
								50	24	20.0	19.3	0.779	0.926	0.366	0.435	137
								100	0	20.0	19.3	0.696	0.818	0.341	0.401	
						132572	1770.0	1	49	20.0	19.3	0.645	0.758	0.311	0.365	
								50	24	20.0	19.3	0.646	0.759	0.310	0.364	
					Left Tilt	132322	1745.0	1	49	20.0	19.3	0.464	0.545	0.218	0.256	
								50	24	20.0	19.3	0.352	0.418	0.176	0.209	
					Right Touch	132322	1745.0	1	49	20.0	19.3	0.329	0.387	0.177	0.208	
								50	24	20.0	19.3	0.331	0.393	0.177	0.210	
					Right Tilt	132322	1745.0	1	49	20.0	19.3	0.113	0.133	0.061	0.072	
								50	24	20.0	19.3	0.111	0.132	0.059	0.070	
	Body & Hotspot	QPSK	Mode B	5	Rear	132322	1745.0	1	49	21.1	21.1	0.461	0.461	0.229	0.229	138
								50	24	21.1	21.1	0.457	0.457	0.226	0.226	
					Front	132322	1745.0	1	49	21.1	21.1	0.387	0.387	0.197	0.197	
								50	24	21.1	21.1	0.386	0.386	0.195	0.195	
	Hotspot	QPSK	Mode B	5	Edge 1	132322	1745.0	1	49	21.1	21.1	0.236	0.236	0.111	0.111	
								50	24	21.1	21.1	0.237	0.237	0.111	0.111	
					Edge 2	132072	1720.0	1	49	21.1	21.0	0.833	0.852	0.392	0.401	
						132322	1745.0	1	49	21.1	21.1	0.875	0.875	0.404	0.404	
								50	24	21.1	21.1	0.714	0.714	0.336	0.336	
						132572	1770.0	1	49	21.1	21.1	0.908	0.908	0.421	0.421	139

10.19. LTE Band 71 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	133297	680.5	1	49	25.7	25.3	0.135	0.148	0.107	0.117	
								50	24	24.7	24.3	0.105	0.115	0.083	0.091	
					Left Tilt	133297	680.5	1	49	25.7	25.3	0.058	0.064	0.046	0.050	
								50	24	24.7	24.3	0.045	0.049	0.036	0.039	
					Right Touch	133297	680.5	1	49	25.7	25.3	0.155	0.170	0.122	0.134	140
								50	24	24.7	24.3	0.122	0.134	0.094	0.103	
					Right Tilt	133297	680.5	1	49	25.7	25.3	0.065	0.071	0.052	0.057	
								50	24	24.7	24.3	0.050	0.055	0.040	0.044	
	Body & Hotspot	QPSK	Mode B	5	Rear	133297	680.5	1	49	25.7	25.3	0.578	0.634	0.303	0.332	141
								50	24	24.7	24.3	0.416	0.456	0.223	0.245	
					Front	133297	680.5	1	49	25.7	25.3	0.328	0.360	0.193	0.212	
								50	24	24.7	24.3	0.272	0.298	0.157	0.172	
	Hotspot	QPSK	Mode B	5	Edge 2	133297	680.5	1	49	25.7	25.3	0.607	0.666	0.325	0.356	142
								50	24	24.7	24.3	0.488	0.535	0.263	0.288	
					Edge 3	133297	680.5	1	49	25.7	25.3	0.402	0.441	0.174	0.191	
								50	24	24.7	24.3	0.307	0.337	0.134	0.147	
					Edge 4	133297	680.5	1	49	25.7	25.3	0.199	0.218	0.129	0.141	
								50	24	24.7	24.3	0.163	0.179	0.105	0.115	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	133297	680.5	1	49	24.7	24.2	0.735	0.828	0.385	0.434	143
								50	24	23.7	23.4	0.552	0.591	0.299	0.320	
					Left Tilt	133297	680.5	1	49	24.7	24.2	0.580	0.654	0.291	0.328	
								50	24	23.7	23.4	0.527	0.565	0.255	0.273	
					Right Touch	133297	680.5	1	49	24.7	24.2	0.686	0.773	0.379	0.427	
								50	24	23.7	23.4	0.523	0.560	0.298	0.319	
					Right Tilt	133297	680.5	1	49	24.7	24.2	0.570	0.643	0.294	0.331	
								50	24	23.7	23.4	0.486	0.521	0.247	0.265	
	Body & Hotspot	QPSK	Mode B	5	Rear	133297	680.5	1	49	24.7	24.2	0.437	0.493	0.244	0.275	144
								50	24	23.7	23.4	0.385	0.413	0.213	0.228	
					Front	133297	680.5	1	49	24.7	24.2	0.320	0.361	0.183	0.206	
								50	24	23.7	23.4	0.290	0.311	0.158	0.169	
	Hotspot	QPSK	Mode B	5	Edge 1	133297	680.5	1	49	24.7	24.2	0.304	0.343	0.141	0.159	
								50	24	23.7	23.4	0.245	0.263	0.114	0.122	
					Edge 2	133297	680.5	1	49	24.7	24.2	0.182	0.205	0.119	0.134	
								50	24	23.7	23.4	0.136	0.146	0.089	0.095	
					Edge 4	133297	680.5	1	49	24.7	24.2	0.303	0.342	0.195	0.220	
								50	24	23.7	23.4	0.243	0.260	0.156	0.167	

SAR Testing for 5G Bands was performed in one of two ways:

1.) If the 5G Band has a LTE equivalent Band, such as LTE Band 5 for 5G Band n5; then spot-checks were performed on the worst-case position per Exposure Condition per Antenna. If the Reported SAR Result for the 5G spot-check is ≤ the Reported SAR result of the LTE equivalent Band, then no further testing is required. If the value is more than 10% greater than the LTE equivalent Band, full testing is required.

2.) If there is no LTE equivalent Band supported on this device, then full testing is required for that band.

10.20. 5G NR Band n5 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	167300	836.5	1	52	25.7	25.4	0.187	0.200	0.139	0.149	
								50	25	25.7	25.4	0.096	0.103	0.073	0.078	
					Left Tilt	167300	836.5	1	52	25.7	25.4	0.119	0.128	0.090	0.096	
								50	25	25.7	25.4	0.060	0.064	0.045	0.048	
					Right Touch	167300	836.5	1	52	25.7	25.4	0.215	0.230	0.162	0.174	200
								50	25	25.7	25.4	0.158	0.169	0.115	0.124	
					Right Tilt	167300	836.5	1	52	25.7	25.4	0.118	0.126	0.090	0.096	
								50	25	25.7	25.4	0.072	0.077	0.054	0.058	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	167300	836.5	1	52	25.7	25.4	0.481	0.515	0.266	0.285	201
								50	25	25.7	25.4	0.431	0.462	0.225	0.241	
					Front	167300	836.5	1	52	25.7	25.4	0.461	0.494	0.257	0.275	
								50	25	25.7	25.4	0.351	0.376	0.194	0.208	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	167300	836.5	1	52	25.7	25.4	0.478	0.512	0.242	0.259	
								50	25	25.7	25.4	0.339	0.363	0.218	0.234	
					Edge 3	167300	836.5	1	52	25.7	25.4	0.529	0.567	0.235	0.252	202
								50	25	25.7	25.4	0.442	0.474	0.191	0.205	
					Edge 4	167300	836.5	1	52	25.7	25.4	0.231	0.248	0.149	0.160	
								50	25	25.7	25.4	0.115	0.123	0.073	0.078	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	167300	836.5	1	52	23.1	22.7	0.453	0.497	0.286	0.314	
								50	25	23.1	22.7	0.451	0.498	0.296	0.327	
					Left Tilt	167300	836.5	1	52	23.1	22.7	0.306	0.336	0.167	0.183	
								50	25	23.1	22.7	0.326	0.360	0.182	0.201	
					Right Touch	167300	836.5	1	52	23.1	22.7	0.431	0.473	0.285	0.312	
								50	25	23.1	22.7	0.486	0.537	0.308	0.340	203
					Right Tilt	167300	836.5	1	52	23.1	22.7	0.271	0.297	0.156	0.171	
								50	25	23.1	22.7	0.300	0.331	0.160	0.177	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	167300	836.5	1	52	24.7	24.3	0.389	0.427	0.241	0.264	204
								50	25	24.7	24.3	0.217	0.238	0.132	0.145	
					Front	167300	836.5	1	52	24.7	24.3	0.188	0.206	0.118	0.129	
								50	25	24.7	24.3	0.170	0.186	0.107	0.117	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	167300	836.5	1	52	24.7	24.3	0.162	0.178	0.080	0.088	
								50	25	24.7	24.3	0.119	0.130	0.060	0.066	
					Edge 2	167300	836.5	1	52	24.7	24.3	0.096	0.105	0.061	0.067	
								50	25	24.7	24.3	0.083	0.091	0.052	0.057	
					Edge 4	167300	836.5	1	52	24.7	24.3	0.151	0.166	0.099	0.109	
								50	25	24.7	24.3	0.097	0.106	0.062	0.068	

10.21. 5G NR Band n7 (40MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	507000	2535.0	1	107	25.7	25.2	0.316	0.355	0.174	0.195	
								108	54	25.7	25.2	0.297	0.333	0.163	0.183	
					Left Tilt	507000	2535.0	1	107	25.7	25.2	0.459	0.515	0.228	0.256	
								108	54	25.7	25.2	0.442	0.496	0.220	0.247	
					Right Touch	507000	2535.0	1	107	25.7	25.2	0.593	0.665	0.307	0.344	
								108	54	25.7	25.2	0.618	0.693	0.317	0.356	205
					Right Tilt	507000	2535.0	1	107	25.7	25.2	0.109	0.122	0.059	0.066	
								108	54	25.7	25.2	0.108	0.121	0.059	0.066	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	507000	2535.0	1	107	20.3	20.0	0.773	0.828	0.344	0.369	206
								108	54	20.3	19.9	0.753	0.826	0.328	0.360	
					Front	507000	2535.0	1	107	20.3	20.0	0.629	0.674	0.274	0.294	
								108	54	20.3	19.9	0.598	0.656	0.269	0.295	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	507000	2535.0	1	107	20.3	20.0	0.809	0.867	0.343	0.368	207
								108	54	20.3	19.9	0.757	0.830	0.318	0.349	
					Edge 3	507000	2535.0	1	107	20.3	20.0	0.617	0.661	0.240	0.257	
								108	54	20.3	19.9	0.608	0.667	0.238	0.261	
					Edge 4	507000	2535.0	1	107	20.3	20.0	0.016	0.017	0.005	0.005	
								108	54	20.3	19.9	0.017	0.019	0.006	0.006	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	507000	2535.0	1	107	16.9	16.7	0.749	0.784	0.292	0.306	
								108	54	16.9	16.7	0.758	0.794	0.289	0.303	
					Left Tilt	507000	2535.0	1	107	16.9	16.7	0.768	0.804	0.290	0.304	
								108	54	16.9	16.7	0.785	0.822	0.281	0.294	208
					Right Touch	507000	2535.0	1	107	16.9	16.7	0.744	0.779	0.298	0.312	
								108	54	16.9	16.7	0.725	0.759	0.289	0.303	
					Right Tilt	507000	2535.0	1	107	16.9	16.7	0.660	0.691	0.265	0.277	
								108	54	16.9	16.7	0.622	0.651	0.255	0.267	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	507000	2535.0	1	107	18.3	18.2	0.584	0.598	0.217	0.222	209
								108	54	18.3	18.0	0.550	0.589	0.205	0.220	
					Front	507000	2535.0	1	107	18.3	18.2	0.469	0.480	0.192	0.196	
								108	54	18.3	18.0	0.473	0.507	0.191	0.205	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	507000	2535.0	1	107	18.3	18.2	0.646	0.661	0.223	0.228	
								108	54	18.3	18.0	0.640	0.686	0.224	0.240	210
					Edge 2	507000	2535.0	1	107	18.3	18.2	0.030	0.031	0.014	0.014	
								108	54	18.3	18.0	0.033	0.035	0.015	0.016	
					Edge 4	507000	2535.0	1	107	18.3	18.2	0.563	0.576	0.246	0.252	
								108	54	18.3	18.0	0.568	0.609	0.246	0.264	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	507000	2535.0	1	107	23.6	23.3	0.451	0.483	0.245	0.263	211
								108	54	23.6	23.2	0.415	0.455	0.228	0.250	
					Left Tilt	507000	2535.0	1	107	23.6	23.3	0.143	0.153	0.077	0.082	
								108	54	23.6	23.2	0.147	0.161	0.079	0.086	
					Right Touch	507000	2535.0	1	107	23.6	23.3	0.232	0.249	0.131	0.140	
								108	54	23.6	23.2	0.188	0.206	0.108	0.118	
					Right Tilt	507000	2535.0	1	107	23.6	23.3	0.224	0.240	0.118	0.126	
								108	54	23.6	23.2	0.201	0.220	0.106	0.116	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	507000	2535.0	1	107	19.4	19.2	0.524	0.549	0.245	0.257	212
								108	54	19.4	19.2	0.476	0.498	0.230	0.241	
					Front	507000	2535.0	1	107	19.4	19.2	0.390	0.408	0.199	0.208	
								108	54	19.4	19.2	0.458	0.480	0.231	0.242	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	507000	2535.0	1	107	19.4	19.2	0.160	0.168	0.068	0.072	
								108	54	19.4	19.2	0.155	0.162	0.066	0.070	
					Edge 4	507000	2535.0	1	107	19.4	19.2	0.766	0.802	0.337	0.353	213
								108	54	19.4	19.2	0.710	0.743	0.313	0.328	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	507000	2535.0	1	107	17.4	17.0	0.669	0.734	0.282	0.309	
								108	54	17.4	16.9	0.655	0.735	0.274	0.307	214
					Left Tilt	507000	2535.0	1	107	17.4	17.0	0.236	0.259	0.114	0.125	
								108	54	17.4	16.9	0.215	0.241	0.106	0.119	
					Right Touch	507000	2535.0	1	107	17.4	17.0	0.181	0.198	0.096	0.106	
								108	54	17.4	16.9	0.272	0.305	0.136	0.153	
					Right Tilt	507000	2535.0	1	107	17.4	17.0	0.078	0.085	0.041	0.045	
								108	54	17.4	16.9	0.069	0.078	0.038	0.042	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	507000	2535.0	1	107	19.5	19.4	0.752	0.770	0.320	0.327	215
								108	54	19.5	19.4	0.689	0.705	0.296	0.303	
					Front	507000	2535.0	1	107	19.5	19.4	0.577	0.590	0.252	0.258	
								108	54	19.5	19.4	0.467	0.478	0.210	0.215	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	507000	2535.0	1	107	19.5	19.4	0.118	0.121	0.055	0.056	
								108	54	19.5	19.4	0.125	0.128	0.056	0.058	
					Edge 2	507000	2535.0	1	107	19.5	19.4	0.898	0.919	0.385	0.394	
								108	54	19.5	19.4	0.899	0.920	0.382	0.391	216

10.22. 5G NR Band n12 (15MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	141500	707.5	1	39	25.7	25.4	0.114	0.122	0.088	0.094	
								36	18	25.7	25.2	0.174	0.195	0.135	0.151	
					Left Tilt	141500	707.5	1	39	25.7	25.4	0.075	0.080	0.049	0.053	
								36	18	25.7	25.2	0.097	0.109	0.077	0.086	
					Right Touch	141500	707.5	1	39	25.7	25.4	0.220	0.236	0.168	0.180	217
								36	18	25.7	25.2	0.184	0.206	0.142	0.159	
					Right Tilt	141500	707.5	1	39	25.7	25.4	0.104	0.111	0.084	0.090	
								36	18	25.7	25.2	0.093	0.104	0.075	0.084	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	141500	707.5	1	39	25.7	25.4	0.544	0.583	0.294	0.315	218
								36	18	25.7	25.2	0.489	0.549	0.267	0.300	
					Front	141500	707.5	1	39	25.7	25.4	0.399	0.428	0.229	0.245	
								36	18	25.7	25.2	0.299	0.335	0.176	0.197	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	141500	707.5	1	39	25.7	25.4	0.671	0.719	0.439	0.470	219
								36	18	25.7	25.2	0.618	0.693	0.366	0.411	
					Edge 3	141500	707.5	1	39	25.7	25.4	0.423	0.453	0.183	0.196	
								36	18	25.7	25.2	0.360	0.404	0.156	0.175	
					Edge 4	141500	707.5	1	39	25.7	25.4	0.340	0.364	0.219	0.235	
								36	18	25.7	25.2	0.262	0.294	0.171	0.192	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	141500	707.5	1	39	23.4	23.0	0.769	0.843	0.428	0.469	
								36	18	23.4	23.0	0.668	0.732	0.382	0.419	
					Left Tilt	141500	707.5	1	39	23.4	23.0	0.607	0.666	0.321	0.352	
								36	18	23.4	23.0	0.599	0.657	0.308	0.338	
					Right Touch	141500	707.5	1	39	23.4	23.0	0.816	0.895	0.474	0.520	220
								36	18	23.4	23.0	0.713	0.782	0.417	0.457	
					Right Tilt	141500	707.5	1	39	23.4	23.0	0.589	0.646	0.307	0.337	
								36	18	23.4	23.0	0.663	0.727	0.316	0.346	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	141500	707.5	1	39	24.7	24.2	0.581	0.652	0.338	0.379	221
								36	18	24.7	24.2	0.519	0.582	0.272	0.305	
					Front	141500	707.5	1	39	24.7	24.2	0.403	0.452	0.237	0.266	
								36	18	24.7	24.2	0.389	0.436	0.226	0.254	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	141500	707.5	1	39	24.7	24.2	0.343	0.385	0.159	0.178	
								36	18	24.7	24.2	0.370	0.415	0.168	0.188	
					Edge 2	141500	707.5	1	39	24.7	24.2	0.144	0.162	0.091	0.102	
								36	18	24.7	24.2	0.097	0.109	0.060	0.067	
					Edge 4	141500	707.5	1	39	24.7	24.2	0.264	0.296	0.166	0.186	
								36	18	24.7	24.2	0.176	0.197	0.110	0.123	

10.23. 5G NR Band n14 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	158600	793.0	1	25	25.7	25.4	0.178	0.191	0.136	0.146	
								25	12	25.7	25.2	0.174	0.195	0.135	0.151	
					Left Tilt	158600	793.0	1	25	25.7	25.4	0.131	0.140	0.103	0.110	
								25	12	25.7	25.2	0.133	0.149	0.105	0.118	
					Right Touch	158600	793.0	1	25	25.7	25.4	0.159	0.170	0.121	0.130	
								25	12	25.7	25.2	0.251	0.282	0.191	0.214	222
					Right Tilt	158600	793.0	1	25	25.7	25.4	0.175	0.188	0.139	0.149	
								25	12	25.7	25.2	0.055	0.062	0.044	0.049	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	158600	793.0	1	25	25.7	25.4	0.692	0.741	0.352	0.377	223
								25	12	25.7	25.2	0.629	0.706	0.333	0.374	
					Front	158600	793.0	1	25	25.7	25.4	0.463	0.496	0.250	0.268	
								25	12	25.7	25.2	0.483	0.542	0.263	0.295	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	158600	793.0	1	25	25.7	25.4	0.719	0.770	0.471	0.505	224
								25	12	25.7	25.2	0.600	0.673	0.318	0.357	
					Edge 3	158600	793.0	1	25	25.7	25.4	0.580	0.621	0.252	0.270	
								25	12	25.7	25.2	0.483	0.542	0.215	0.241	
					Edge 4	158600	793.0	1	25	25.7	25.4	0.185	0.198	0.120	0.129	
								25	12	25.7	25.2	0.076	0.085	0.049	0.055	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	158600	793.0	1	25	23.8	23.4	0.689	0.755	0.432	0.474	
								25	12	23.8	23.3	0.755	0.847	0.452	0.507	
					Left Tilt	158600	793.0	1	25	23.8	23.4	0.654	0.717	0.349	0.383	
								25	12	23.8	23.3	0.640	0.718	0.342	0.384	
					Right Touch	158600	793.0	1	25	23.8	23.4	0.687	0.753	0.435	0.477	
								25	12	23.8	23.3	0.771	0.865	0.457	0.513	225
					Right Tilt	158600	793.0	1	25	23.8	23.4	0.520	0.570	0.281	0.308	
								25	12	23.8	23.3	0.471	0.528	0.259	0.291	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	158600	793.0	1	25	24.7	24.2	0.584	0.655	0.342	0.384	
								25	12	24.7	24.2	0.627	0.704	0.367	0.412	226
					Front	158600	793.0	1	25	24.7	24.2	0.370	0.415	0.231	0.259	
								25	12	24.7	24.2	0.372	0.417	0.235	0.264	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	158600	793.0	1	25	24.7	24.2	0.236	0.265	0.116	0.130	
								25	12	24.7	24.2	0.239	0.268	0.119	0.134	
					Edge 2	158600	793.0	1	25	24.7	24.2	0.229	0.257	0.147	0.165	
								25	12	24.7	24.2	0.225	0.252	0.144	0.162	
					Edge 4	158600	793.0	1	25	24.7	24.2	0.313	0.351	0.201	0.226	
								25	12	24.7	24.2	0.221	0.248	0.142	0.159	

10.24. 5G NR Band n25 (40MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	376500	1882.5	1	107	25.3	24.9	0.130	0.143	0.089	0.098	
								108	54	25.3	24.8	0.147	0.165	0.101	0.113	
					Left Tilt	376500	1882.5	1	107	25.3	24.9	0.113	0.124	0.069	0.076	
								108	54	25.3	24.8	0.110	0.123	0.057	0.064	
					Right Touch	376500	1882.5	1	107	25.3	24.9	0.231	0.253	0.147	0.161	227
								108	54	25.3	24.8	0.217	0.243	0.123	0.138	
					Right Tilt	376500	1882.5	1	107	25.3	24.9	0.096	0.105	0.063	0.070	
								108	54	25.3	24.8	0.089	0.100	0.048	0.054	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	376500	1882.5	1	107	17.7	17.5	0.422	0.442	0.216	0.226	228
								108	54	17.7	17.5	0.409	0.428	0.210	0.220	
					Front	376500	1882.5	1	107	17.7	17.5	0.335	0.351	0.169	0.177	
								108	54	17.7	17.5	0.329	0.345	0.165	0.173	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	376500	1882.5	1	107	17.7	17.5	0.130	0.136	0.071	0.074	
								108	54	17.7	17.5	0.114	0.119	0.060	0.062	
					Edge 3	376500	1882.5	1	107	17.7	17.5	0.826	0.865	0.379	0.397	229
								108	54	17.7	17.5	0.813	0.851	0.372	0.390	
					Edge 4	376500	1882.5	1	107	17.7	17.5	0.029	0.030	0.016	0.017	
								108	54	17.7	17.5	0.042	0.044	0.023	0.025	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	376500	1882.5	1	107	20.7	20.3	0.276	0.303	0.167	0.183	
								108	54	20.7	20.2	0.268	0.301	0.162	0.182	
					Left Tilt	376500	1882.5	1	107	20.7	20.3	0.197	0.216	0.110	0.121	
								108	54	20.7	20.2	0.176	0.197	0.096	0.108	
					Right Touch	376500	1882.5	1	107	20.7	20.3	0.657	0.720	0.380	0.417	230
								108	54	20.7	20.2	0.608	0.682	0.354	0.397	
					Right Tilt	376500	1882.5	1	107	20.7	20.3	0.483	0.530	0.229	0.251	
								108	54	20.7	20.2	0.533	0.598	0.249	0.279	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	376500	1882.5	1	107	22.2	21.8	0.801	0.878	0.385	0.422	231
								108	54	22.2	21.8	0.751	0.823	0.355	0.389	
					Front	376500	1882.5	1	107	22.2	21.8	0.480	0.526	0.239	0.262	
								108	54	22.2	21.8	0.417	0.457	0.209	0.229	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	376500	1882.5	1	107	22.2	21.8	0.646	0.708	0.277	0.304	
								108	54	22.2	21.8	0.577	0.633	0.254	0.279	
					Edge 2	376500	1882.5	1	107	22.2	21.8	0.031	0.034	0.016	0.018	
								108	54	22.2	21.8	0.034	0.037	0.019	0.021	
					Edge 4	376500	1882.5	1	107	22.2	21.8	0.622	0.682	0.317	0.348	
								108	54	22.2	21.8	0.500	0.548	0.254	0.279	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	376500	1882.5	1	107	25.0	24.4	0.605	0.695	0.375	0.431	
								108	54	25.0	24.3	0.626	0.735	0.387	0.455	232
					Left Tilt	376500	1882.5	1	107	25.0	24.4	0.296	0.340	0.182	0.209	
								108	54	25.0	24.3	0.295	0.347	0.183	0.215	
					Right Touch	376500	1882.5	1	107	25.0	24.4	0.292	0.335	0.190	0.218	
								108	54	25.0	24.3	0.287	0.337	0.186	0.219	
					Right Tilt	376500	1882.5	1	107	25.0	24.4	0.221	0.254	0.137	0.157	
								108	54	25.0	24.3	0.228	0.268	0.141	0.166	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	376500	1882.5	1	107	20.2	19.9	0.764	0.819	0.404	0.433	233
								108	54	20.2	19.9	0.762	0.816	0.402	0.431	
					Front	376500	1882.5	1	107	20.2	19.9	0.642	0.688	0.335	0.359	
								108	54	20.2	19.9	0.550	0.589	0.292	0.313	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	376500	1882.5	1	107	20.2	19.9	0.266	0.285	0.135	0.145	
								108	54	20.2	19.9	0.226	0.242	0.110	0.118	
					Edge 4	376500	1882.5	1	107	20.2	19.9	0.746	0.799	0.376	0.403	
								108	54	20.2	19.9	0.798	0.855	0.401	0.430	234
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	376500	1882.5	1	107	18.2	18.2	0.905	0.905	0.431	0.431	
								108	54	18.2	18.1	0.918	0.939	0.435	0.445	235
					Left Tilt	376500	1882.5	1	107	18.2	18.2	0.308	0.308	0.159	0.159	
								108	54	18.2	18.1	0.294	0.301	0.155	0.159	
					Right Touch	376500	1882.5	1	107	18.2	18.2	0.227	0.227	0.124	0.124	
								108	54	18.2	18.1	0.211	0.216	0.117	0.120	
					Right Tilt	376500	1882.5	1	107	18.2	18.2	0.148	0.148	0.084	0.084	
								108	54	18.2	18.1	0.142	0.145	0.080	0.082	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	376500	1882.5	1	107	19.7	19.5	0.518	0.542	0.253	0.265	
								108	54	19.7	19.5	0.575	0.602	0.279	0.292	236
					Front	376500	1882.5	1	107	19.7	19.5	0.523	0.548	0.250	0.262	
								108	54	19.7	19.5	0.434	0.454	0.214	0.224	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	376500	1882.5	1	107	19.7	19.5	0.226	0.237	0.116	0.121	
								108	54	19.7	19.5	0.232	0.243	0.123	0.129	
					Edge 2	376500	1882.5	1	107	19.7	19.5	0.778	0.815	0.364	0.381	
								108	54	19.7	19.5	0.807	0.845	0.375	0.393	237

10.25. 5G NR Band n26 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	166300	831.5	1	25	25.7	25.3	0.207	0.225	0.157	0.171	
								25	12	25.7	25.2	0.204	0.229	0.154	0.173	238
					Left Tilt	166300	831.5	1	25	25.7	25.3	0.121	0.132	0.094	0.102	
								25	12	25.7	25.2	0.119	0.134	0.092	0.103	
					Right Touch	166300	831.5	1	25	25.7	25.3	0.184	0.200	0.139	0.151	
								25	12	25.7	25.2	0.130	0.146	0.094	0.105	
					Right Tilt	166300	831.5	1	25	25.7	25.3	0.140	0.152	0.107	0.117	
								25	12	25.7	25.2	0.054	0.061	0.042	0.047	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	166300	831.5	1	25	25.7	25.3	0.656	0.714	0.361	0.393	
								25	12	25.7	25.2	0.715	0.802	0.368	0.413	239
					Front	166300	831.5	1	25	25.7	25.3	0.516	0.562	0.282	0.307	
								25	12	25.7	25.2	0.503	0.564	0.279	0.313	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	166300	831.5	1	25	25.7	25.3	0.588	0.640	0.331	0.360	
								25	12	25.7	25.2	0.548	0.615	0.304	0.341	
					Edge 3	166300	831.5	1	25	25.7	25.3	0.576	0.627	0.257	0.280	
								25	12	25.7	25.2	0.619	0.695	0.263	0.295	
					Edge 4	166300	831.5	1	25	25.7	25.3	0.237	0.258	0.153	0.167	
								25	12	25.7	25.2	0.223	0.250	0.142	0.159	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	166300	831.5	1	25	23.1	23.0	0.701	0.717	0.429	0.439	
								25	12	23.1	23.0	0.723	0.740	0.444	0.454	
					Left Tilt	166300	831.5	1	25	23.1	23.0	0.510	0.522	0.267	0.273	
								25	12	23.1	23.0	0.422	0.432	0.242	0.248	
					Right Touch	166300	831.5	1	25	23.1	23.0	0.803	0.822	0.505	0.517	
								25	12	23.1	23.0	0.884	0.905	0.535	0.547	240
					Right Tilt	166300	831.5	1	25	23.1	23.0	0.428	0.438	0.231	0.236	
								25	12	23.1	23.0	0.486	0.497	0.257	0.263	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	166300	831.5	1	25	24.7	24.2	0.352	0.395	0.221	0.248	
								25	12	24.7	24.2	0.397	0.445	0.244	0.274	241
					Front	166300	831.5	1	25	24.7	24.2	0.240	0.269	0.154	0.173	
								25	12	24.7	24.2	0.250	0.281	0.159	0.178	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	166300	831.5	1	25	24.7	24.2	0.167	0.187	0.084	0.094	
								25	12	24.7	24.2	0.142	0.159	0.072	0.081	
					Edge 2	166300	831.5	1	25	24.7	24.2	0.126	0.141	0.079	0.089	
								25	12	24.7	24.2	0.138	0.155	0.088	0.099	
					Edge 4	166300	831.5	1	25	24.7	24.2	0.153	0.172	0.099	0.111	
								25	12	24.7	24.2	0.161	0.181	0.101	0.113	

10.26. 5G NR Band n30 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	462000	2310.0	1	25	25.7	25.3	0.185	0.203	0.111	0.122	
								25	12	25.7	25.2	0.170	0.191	0.102	0.114	
					Left Tilt	462000	2310.0	1	25	25.7	25.3	0.157	0.172	0.087	0.095	
								25	12	25.7	25.2	0.169	0.190	0.094	0.105	
					Right Touch	462000	2310.0	1	25	25.7	25.3	0.437	0.479	0.249	0.273	
								25	12	25.7	25.2	0.454	0.509	0.257	0.288	242
					Right Tilt	462000	2310.0	1	25	25.7	25.3	0.160	0.175	0.093	0.102	
								25	12	25.7	25.2	0.147	0.165	0.085	0.095	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	462000	2310.0	1	25	21.8	21.8	0.833	0.833	0.388	0.388	
								25	12	21.8	21.7	0.830	0.849	0.390	0.399	243
					Front	462000	2310.0	1	25	21.8	21.8	0.771	0.771	0.365	0.365	
								25	12	21.8	21.7	0.761	0.779	0.361	0.369	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	462000	2310.0	1	25	21.8	21.8	0.928	0.928	0.419	0.419	244
								25	12	21.8	21.7	0.901	0.922	0.406	0.415	
					Edge 3	462000	2310.0	1	25	21.8	21.8	0.707	0.707	0.320	0.320	
								25	12	21.8	21.7	0.684	0.700	0.310	0.317	
					Edge 4	462000	2310.0	1	25	21.8	21.8	0.067	0.067	0.033	0.033	
								25	12	21.8	21.7	0.063	0.064	0.031	0.032	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	462000	2310.0	1	25	19.0	18.6	0.806	0.884	0.321	0.352	
								25	12	19.0	18.5	0.798	0.895	0.305	0.342	245
					Left Tilt	462000	2310.0	1	25	19.0	18.6	0.784	0.860	0.306	0.336	
								25	12	19.0	18.5	0.768	0.862	0.299	0.335	
					Right Touch	462000	2310.0	1	25	19.0	18.6	0.686	0.752	0.268	0.294	
								25	12	19.0	18.5	0.678	0.761	0.265	0.297	
					Right Tilt	462000	2310.0	1	25	19.0	18.6	0.571	0.626	0.221	0.242	
								25	12	19.0	18.5	0.547	0.614	0.213	0.239	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	462000	2310.0	1	25	20.5	20.2	0.667	0.715	0.306	0.328	
								25	12	20.5	20.1	0.655	0.718	0.306	0.336	246
					Front	462000	2310.0	1	25	20.5	20.2	0.506	0.542	0.209	0.224	
								25	12	20.5	20.1	0.423	0.464	0.181	0.198	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	462000	2310.0	1	25	20.5	20.2	0.578	0.619	0.224	0.240	
								25	12	20.5	20.1	0.553	0.606	0.211	0.231	
					Edge 2	462000	2310.0	1	25	20.5	20.2	0.029	0.031	0.015	0.016	
								25	12	20.5	20.1	0.031	0.034	0.016	0.017	
					Edge 4	462000	2310.0	1	25	20.5	20.2	0.532	0.570	0.266	0.285	
								25	12	20.5	20.1	0.582	0.638	0.288	0.316	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	462000	2310.0	1	25	23.1	22.6	0.347	0.391	0.200	0.225	247
								25	12	23.1	22.5	0.311	0.357	0.179	0.206	
					Left Tilt	462000	2310.0	1	25	23.1	22.6	0.146	0.165	0.083	0.094	
								25	12	23.1	22.5	0.129	0.148	0.074	0.085	
					Right Touch	462000	2310.0	1	25	23.1	22.6	0.240	0.271	0.138	0.156	
								25	12	23.1	22.5	0.166	0.191	0.095	0.109	
					Right Tilt	462000	2310.0	1	25	23.1	22.6	0.163	0.184	0.094	0.106	
								25	12	23.1	22.5	0.151	0.173	0.086	0.099	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	462000	2310.0	1	25	20.5	20.4	0.776	0.794	0.382	0.391	
								25	12	20.5	20.3	0.812	0.850	0.396	0.415	248
					Front	462000	2310.0	1	25	20.5	20.4	0.676	0.692	0.351	0.359	
								25	12	20.5	20.3	0.627	0.657	0.327	0.342	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	462000	2310.0	1	25	20.5	20.4	0.247	0.253	0.132	0.135	
								25	12	20.5	20.3	0.219	0.229	0.117	0.123	
					Edge 4	462000	2310.0	1	25	20.5	20.4	0.842	0.862	0.412	0.422	
								25	12	20.5	20.3	0.837	0.876	0.408	0.427	249
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	462000	2310.0	1	25	18.0	18.0	0.802	0.804	0.368	0.369	
								25	12	18.0	17.9	0.799	0.825	0.355	0.367	250
					Left Tilt	462000	2310.0	1	25	18.0	18.0	0.349	0.350	0.179	0.179	
								25	12	18.0	17.9	0.301	0.311	0.156	0.161	
					Right Touch	462000	2310.0	1	25	18.0	18.0	0.348	0.349	0.179	0.179	
								25	12	18.0	17.9	0.344	0.355	0.181	0.187	
					Right Tilt	462000	2310.0	1	25	18.0	18.0	0.082	0.082	0.044	0.044	
								25	12	18.0	17.9	0.079	0.082	0.043	0.044	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	462000	2310.0	1	25	18.1	18.0	0.462	0.474	0.220	0.226	251
								25	12	18.1	17.9	0.354	0.374	0.168	0.178	
					Front	462000	2310.0	1	25	18.1	18.0	0.441	0.452	0.200	0.205	
								25	12	18.1	17.9	0.440	0.465	0.201	0.212	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	462000	2310.0	1	25	18.1	18.0	0.090	0.092	0.037	0.038	
								25	12	18.1	17.9	0.078	0.083	0.033	0.035	
					Edge 2	462000	2310.0	1	25	18.1	18.0	0.847	0.869	0.358	0.367	252
								25	12	18.1	17.9	0.786	0.831	0.337	0.356	

10.27. 5G NR Band n41 (100MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	518598	2593.0	1	136	25.7	25.3	0.142	0.156	0.075	0.082	
								135	67	25.7	25.3	0.097	0.107	0.052	0.057	
					Left Tilt	518598	2593.0	1	136	25.7	25.3	0.241	0.264	0.117	0.128	253
								135	67	25.7	25.3	0.203	0.223	0.099	0.109	
					Right Touch	518598	2593.0	1	136	25.7	25.3	0.222	0.243	0.116	0.127	
								135	67	25.7	25.3	0.220	0.241	0.117	0.128	
					Right Tilt	518598	2593.0	1	136	25.7	25.3	0.132	0.145	0.067	0.073	
								135	67	25.7	25.3	0.119	0.130	0.061	0.067	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	518598	2593.0	1	136	20.3	20.0	0.776	0.831	0.337	0.361	254
								135	67	20.3	20.0	0.730	0.782	0.321	0.344	
					Front	518598	2593.0	1	136	20.3	20.0	0.699	0.749	0.290	0.311	
								135	67	20.3	20.0	0.642	0.688	0.271	0.290	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	518598	2593.0	1	136	20.3	20.0	0.811	0.869	0.337	0.361	
								135	67	20.3	20.0	0.822	0.881	0.337	0.361	255
					Edge 3	518598	2593.0	1	136	20.3	20.0	0.781	0.837	0.327	0.350	
								135	67	20.3	20.0	0.789	0.845	0.328	0.351	
					Edge 4	518598	2593.0	1	136	20.3	20.0	0.015	0.016	0.005	0.006	
								135	67	20.3	20.0	0.014	0.015	0.005	0.005	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	518598	2593.0	1	136	16.7	16.2	0.672	0.754	0.257	0.288	
								135	67	16.7	16.2	0.695	0.780	0.263	0.295	256
					Left Tilt	518598	2593.0	1	136	16.7	16.2	0.622	0.698	0.229	0.257	
								135	67	16.7	16.2	0.608	0.682	0.227	0.255	
					Right Touch	518598	2593.0	1	136	16.7	16.2	0.656	0.736	0.261	0.293	
								135	67	16.7	16.2	0.658	0.738	0.259	0.291	
					Right Tilt	518598	2593.0	1	136	16.7	16.2	0.472	0.530	0.189	0.212	
								135	67	16.7	16.2	0.560	0.628	0.230	0.258	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	518598	2593.0	1	136	17.8	17.3	0.446	0.500	0.167	0.187	
								135	67	17.8	17.2	0.459	0.527	0.173	0.199	
					Front	518598	2593.0	1	136	17.8	17.3	0.445	0.499	0.178	0.200	
								135	67	17.8	17.2	0.476	0.547	0.191	0.219	257
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	518598	2593.0	1	136	17.8	17.3	0.572	0.642	0.192	0.215	
								135	67	17.8	17.2	0.614	0.705	0.206	0.237	258
					Edge 2	518598	2593.0	1	136	17.8	17.3	0.026	0.029	0.011	0.012	
								135	67	17.8	17.2	0.031	0.036	0.013	0.015	
					Edge 4	518598	2593.0	1	136	17.8	17.3	0.393	0.441	0.174	0.195	
								135	67	17.8	17.2	0.371	0.426	0.164	0.188	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	518598	2593.0	1	136	23.4	23.0	0.439	0.481	0.238	0.261	259
								135	67	23.4	23.0	0.430	0.471	0.233	0.255	
					Left Tilt	518598	2593.0	1	136	23.4	23.0	0.188	0.206	0.102	0.112	
								135	67	23.4	23.0	0.264	0.289	0.142	0.156	
					Right Touch	518598	2593.0	1	136	23.4	23.0	0.279	0.306	0.156	0.171	
								135	67	23.4	23.0	0.350	0.384	0.194	0.213	
					Right Tilt	518598	2593.0	1	136	23.4	23.0	0.247	0.271	0.127	0.139	
								135	67	23.4	23.0	0.249	0.273	0.127	0.139	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	518598	2593.0	1	136	18.8	18.5	0.412	0.441	0.189	0.203	
								135	67	18.8	18.5	0.425	0.455	0.197	0.211	260
					Front	518598	2593.0	1	136	18.8	18.5	0.324	0.347	0.157	0.168	
								135	67	18.8	18.5	0.313	0.335	0.153	0.164	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	518598	2593.0	1	136	18.8	18.5	0.086	0.092	0.038	0.041	
								135	67	18.8	18.5	0.134	0.144	0.057	0.061	
					Edge 4	518598	2593.0	1	136	18.8	18.5	0.630	0.675	0.271	0.290	
								135	67	18.8	18.5	0.681	0.730	0.301	0.323	261

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	518598	2593.0	1	136	17.7	17.4	0.602	0.645	0.248	0.266	
								135	67	17.7	17.4	0.630	0.675	0.259	0.278	262
					Left Tilt	518598	2593.0	1	136	17.7	17.4	0.228	0.244	0.106	0.114	
								135	67	17.7	17.4	0.244	0.261	0.114	0.122	
					Right Touch	518598	2593.0	1	136	17.7	17.4	0.185	0.198	0.095	0.102	
								135	67	17.7	17.4	0.233	0.250	0.115	0.123	
					Right Tilt	518598	2593.0	1	136	17.7	17.4	0.060	0.064	0.032	0.034	
								135	67	17.7	17.4	0.059	0.063	0.030	0.032	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	518598	2593.0	1	136	19.0	18.5	0.362	0.406	0.165	0.185	
								135	67	19.0	18.5	0.448	0.503	0.198	0.222	263
					Front	518598	2593.0	1	136	19.0	18.5	0.361	0.405	0.162	0.182	
								135	67	19.0	18.5	0.368	0.413	0.162	0.182	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	518598	2593.0	1	136	19.0	18.5	0.073	0.082	0.034	0.038	
								135	67	19.0	18.5	0.073	0.082	0.033	0.037	
					Edge 2	518598	2593.0	1	136	19.0	18.5	0.744	0.835	0.309	0.347	
								135	67	19.0	18.5	0.767	0.861	0.317	0.356	264

10.28. 5G NR Band n41 Power Class 2 (100MHz Bandwidth)

According to Section 9.4, SAR evaluation for PC2 is only required when its Maximum output power (Tune-up Limit) is higher from PC3.

From May 2017 TCB Workshop, SAR tested were performed using Power Class 3. SAR test for Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination.

Additional SAR testing for Power Class 2 is not required when:

- The reported SAR vs. output power can be linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg

Reported SAR vs. Output Power linearly scaled

Antenna	RF Exposure Conditions	Power Class 2			Power Class 3				PC2 linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)
		Duty Cycle	Tune-up Power (dBm)	Frame Avg. Power (mW)	Duty Cycle	Tune-up Power (dBm)	Frame Avg. Power (mW)	Reported 1-g SAR (W/kg)		
ANT1	Head	50.0%	27.80	301.28	100.0%	25.70	371.54	0.264	0.214	-18.91%

Conclusion:

SAR test for Power Class 2 is not required based on the reported SAR <1.4 W/kg and reported SAR vs. output power linearly scaled <10%.

10.29. 5G NR Band n53 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	497860	2489.3	1	11	20.7	20.0	0.086	0.101	0.039	0.046	
								12	6	20.7	19.9	0.082	0.099	0.038	0.046	
					Left Tilt	497860	2489.3	1	11	20.7	20.0	0.055	0.065	0.029	0.034	
								12	6	20.7	19.9	0.058	0.070	0.031	0.037	
					Right Touch	497860	2489.3	1	11	20.7	20.0	0.181	0.213	0.101	0.119	
								12	6	20.7	19.9	0.178	0.214	0.099	0.119	265
					Right Tilt	497860	2489.3	1	11	20.7	20.0	0.040	0.047	0.021	0.025	
								12	6	20.7	19.9	0.036	0.043	0.019	0.023	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	497860	2489.3	1	11	18.9	18.4	0.460	0.516	0.203	0.228	
								12	6	18.9	18.3	0.459	0.527	0.201	0.231	266
					Front	497860	2489.3	1	11	18.9	18.4	0.338	0.379	0.168	0.188	
								12	6	18.9	18.3	0.326	0.374	0.162	0.186	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	497860	2489.3	1	11	18.9	18.4	0.507	0.569	0.222	0.249	
								12	6	18.9	18.3	0.508	0.583	0.222	0.255	267
					Edge 3	497860	2489.3	1	11	18.9	18.4	0.195	0.219	0.078	0.088	
								12	6	18.9	18.3	0.194	0.223	0.078	0.090	
					Edge 4	497860	2489.3	1	11	18.9	18.4	0.043	0.048	0.021	0.024	
								12	6	18.9	18.3	0.037	0.042	0.017	0.020	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	497860	2489.3	1	11	15.6	15.1	0.765	0.866	0.292	0.331	
								12	6	15.6	15.0	0.788	0.903	0.294	0.337	268
					Left Tilt	497860	2489.3	1	11	15.6	15.1	0.791	0.896	0.294	0.333	
								12	6	15.6	15.0	0.783	0.897	0.291	0.333	
					Right Touch	497860	2489.3	1	11	15.6	15.1	0.670	0.759	0.273	0.309	
								12	6	15.6	15.0	0.580	0.664	0.236	0.270	
					Right Tilt	497860	2489.3	1	11	15.6	15.1	0.625	0.708	0.242	0.274	
								12	6	15.6	15.0	0.588	0.674	0.229	0.262	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	497860	2489.3	1	11	17.5	17.2	0.621	0.665	0.237	0.254	
								12	6	17.5	17.1	0.647	0.709	0.248	0.272	
					Front	497860	2489.3	1	11	17.5	17.2	0.741	0.794	0.298	0.319	269
								12	6	17.5	17.1	0.720	0.789	0.295	0.323	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	497860	2489.3	1	11	17.5	17.2	0.800	0.857	0.283	0.303	
								12	6	17.5	17.1	0.855	0.937	0.301	0.330	270
					Edge 2	497860	2489.3	1	11	17.5	17.2	0.032	0.034	0.014	0.015	
								12	6	17.5	17.1	0.032	0.035	0.015	0.017	
					Edge 4	497860	2489.3	1	11	17.5	17.2	0.382	0.409	0.175	0.188	
								12	6	17.5	17.1	0.364	0.399	0.166	0.182	

10.30. 5G NR Band n66 (40MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	349000	1745.0	1	107	23.7	23.5	0.145	0.154	0.095	0.101	
								108	54	23.7	23.5	0.144	0.153	0.095	0.101	
					Left Tilt	349000	1745.0	1	107	23.7	23.5	0.108	0.114	0.066	0.070	
								108	54	23.7	23.5	0.118	0.125	0.070	0.074	
					Right Touch	349000	1745.0	1	107	23.7	23.5	0.291	0.308	0.184	0.195	
								108	54	23.7	23.5	0.337	0.357	0.212	0.225	271
					Right Tilt	349000	1745.0	1	107	23.7	23.5	0.084	0.089	0.055	0.058	
								108	54	23.7	23.5	0.087	0.092	0.056	0.059	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	349000	1745.0	1	107	17.4	17.2	0.434	0.454	0.221	0.231	272
								108	54	17.4	17.2	0.396	0.415	0.202	0.212	
					Front	349000	1745.0	1	107	17.4	17.2	0.386	0.404	0.190	0.199	
								108	54	17.4	17.2	0.372	0.390	0.180	0.188	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	349000	1745.0	1	107	17.4	17.2	0.165	0.173	0.087	0.091	
								108	54	17.4	17.2	0.217	0.227	0.110	0.115	
					Edge 3	349000	1745.0	1	107	17.4	17.2	0.673	0.705	0.314	0.329	273
								108	54	17.4	17.2	0.669	0.701	0.314	0.329	
					Edge 4	349000	1745.0	1	107	17.4	17.2	0.009	0.010	0.005	0.005	
								108	54	17.4	17.2	0.012	0.012	0.005	0.006	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	349000	1745.0	1	107	20.5	20.1	0.343	0.376	0.163	0.179	
								108	54	20.5	20.1	0.376	0.412	0.192	0.211	
					Left Tilt	349000	1745.0	1	107	20.5	20.1	0.350	0.384	0.170	0.186	
								108	54	20.5	20.1	0.333	0.365	0.162	0.178	
					Right Touch	349000	1745.0	1	107	20.5	20.1	0.666	0.730	0.368	0.404	
								108	54	20.5	20.1	0.763	0.837	0.405	0.444	274
					Right Tilt	349000	1745.0	1	107	20.5	20.1	0.616	0.675	0.294	0.322	
								108	54	20.5	20.1	0.657	0.720	0.317	0.348	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	349000	1745.0	1	107	20.7	20.3	0.691	0.764	0.317	0.351	
								108	54	20.7	20.2	0.709	0.796	0.327	0.367	275
					Front	349000	1745.0	1	107	20.7	20.3	0.349	0.386	0.178	0.197	
								108	54	20.7	20.2	0.491	0.551	0.248	0.278	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	349000	1745.0	1	107	20.7	20.3	0.739	0.817	0.347	0.384	276
								108	54	20.7	20.2	0.688	0.772	0.317	0.356	
					Edge 2	349000	1745.0	1	107	20.7	20.3	0.003	0.004	0.001	0.001	
								108	54	20.7	20.2	0.006	0.007	0.002	0.002	
					Edge 4	349000	1745.0	1	107	20.7	20.3	0.475	0.525	0.255	0.282	
								108	54	20.7	20.2	0.461	0.517	0.249	0.279	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	349000	1745.0	1	107	24.8	24.3	0.513	0.576	0.325	0.365	277
								108	54	24.8	24.3	0.469	0.526	0.303	0.340	
					Left Tilt	349000	1745.0	1	107	24.8	24.3	0.269	0.302	0.166	0.186	
								108	54	24.8	24.3	0.278	0.312	0.172	0.193	
					Right Touch	349000	1745.0	1	107	24.8	24.3	0.321	0.360	0.203	0.228	
								108	54	24.8	24.3	0.293	0.329	0.185	0.208	
					Right Tilt	349000	1745.0	1	107	24.8	24.3	0.222	0.249	0.142	0.159	
								108	54	24.8	24.3	0.199	0.223	0.125	0.140	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	349000	1745.0	1	107	21.0	20.7	0.629	0.674	0.345	0.370	278
								108	54	21.0	20.7	0.622	0.666	0.336	0.360	
					Front	349000	1745.0	1	107	21.0	20.7	0.423	0.453	0.237	0.254	
								108	54	21.0	20.7	0.425	0.455	0.237	0.254	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	349000	1745.0	1	107	21.0	20.7	0.195	0.209	0.091	0.098	
								108	54	21.0	20.7	0.170	0.182	0.077	0.083	
					Edge 4	349000	1745.0	1	107	21.0	20.7	0.793	0.850	0.403	0.432	
								108	54	21.0	20.7	0.798	0.855	0.405	0.434	279
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	349000	1745.0	1	107	20.0	19.5	0.748	0.839	0.361	0.405	280
								108	54	20.0	19.4	0.643	0.738	0.322	0.370	
					Left Tilt	349000	1745.0	1	107	20.0	19.5	0.347	0.389	0.173	0.194	
								108	54	20.0	19.4	0.329	0.378	0.166	0.191	
					Right Touch	349000	1745.0	1	107	20.0	19.5	0.265	0.297	0.147	0.165	
								108	54	20.0	19.4	0.189	0.217	0.109	0.125	
					Right Tilt	349000	1745.0	1	107	20.0	19.5	0.149	0.167	0.081	0.091	
								108	54	20.0	19.4	0.142	0.163	0.079	0.091	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	349000	1745.0	1	107	21.1	20.8	0.438	0.469	0.221	0.237	
								108	54	21.1	20.8	0.577	0.618	0.278	0.298	281
					Front	349000	1745.0	1	107	21.1	20.8	0.437	0.468	0.218	0.234	
								108	54	21.1	20.8	0.413	0.443	0.206	0.221	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	349000	1745.0	1	107	21.1	20.8	0.283	0.303	0.132	0.141	
								108	54	21.1	20.8	0.261	0.280	0.124	0.133	
					Edge 2	349000	1745.0	1	107	21.1	20.8	0.815	0.873	0.385	0.413	
								108	54	21.1	20.8	0.852	0.913	0.399	0.428	282

10.31. 5G NR Band n70 (15MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	340500	1702.5	1	39	23.7	23.6	0.065	0.067	0.044	0.045	
								36	18	23.7	23.5	0.069	0.072	0.047	0.049	
					Left Tilt	340500	1702.5	1	39	23.7	23.6	0.038	0.039	0.024	0.025	
								36	18	23.7	23.5	0.037	0.039	0.023	0.024	
					Right Touch	340500	1702.5	1	39	23.7	23.6	0.183	0.187	0.117	0.120	
								36	18	23.7	23.5	0.196	0.205	0.122	0.128	283
					Right Tilt	340500	1702.5	1	39	23.7	23.6	0.044	0.045	0.029	0.030	
								36	18	23.7	23.5	0.049	0.051	0.032	0.034	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	340500	1702.5	1	39	17.4	17.2	0.553	0.579	0.264	0.276	
								36	18	17.4	17.1	0.541	0.580	0.261	0.280	284
					Front	340500	1702.5	1	39	17.4	17.2	0.380	0.398	0.184	0.193	
								36	18	17.4	17.1	0.394	0.422	0.188	0.201	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	340500	1702.5	1	39	17.4	17.2	0.163	0.171	0.081	0.085	
								36	18	17.4	17.1	0.201	0.215	0.098	0.105	
					Edge 3	340500	1702.5	1	39	17.4	17.2	0.854	0.894	0.397	0.416	
								36	18	17.4	17.1	0.854	0.915	0.384	0.411	285
					Edge 4	340500	1702.5	1	39	17.4	17.2	0.008	0.008	0.002	0.002	
								36	18	17.4	17.1	0.002	0.002	0.001	0.001	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	340500	1702.5	1	39	20.5	20.0	0.409	0.459	0.200	0.224	
								36	18	20.5	19.9	0.474	0.544	0.233	0.268	
					Left Tilt	340500	1702.5	1	39	20.5	20.0	0.434	0.487	0.211	0.237	
								36	18	20.5	19.9	0.491	0.564	0.238	0.273	
					Right Touch	340500	1702.5	1	39	20.5	20.0	0.749	0.840	0.389	0.436	286
								36	18	20.5	19.9	0.707	0.812	0.367	0.421	
					Right Tilt	340500	1702.5	1	39	20.5	20.0	0.612	0.687	0.299	0.335	
								36	18	20.5	19.9	0.666	0.765	0.324	0.372	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	340500	1702.5	1	39	20.7	20.3	0.677	0.739	0.336	0.367	287
								36	18	20.7	20.2	0.651	0.730	0.319	0.358	
					Front	340500	1702.5	1	39	20.7	20.3	0.675	0.737	0.268	0.293	
								36	18	20.7	20.2	0.550	0.617	0.268	0.301	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	340500	1702.5	1	39	20.7	20.3	0.814	0.888	0.382	0.417	
								36	18	20.7	20.2	0.792	0.889	0.365	0.410	288
					Edge 2	340500	1702.5	1	39	20.7	20.3	0.001	0.002	0.000	0.000	
								36	18	20.7	20.2	0.000	0.000	0.000	0.000	
					Edge 4	340500	1702.5	1	39	20.7	20.3	0.416	0.454	0.217	0.237	
								36	18	20.7	20.2	0.375	0.421	0.195	0.219	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	340500	1702.5	1	39	24.8	23.9	0.377	0.464	0.242	0.298	289
								36	18	24.8	23.8	0.278	0.350	0.177	0.223	
					Left Tilt	340500	1702.5	1	39	24.8	23.9	0.198	0.244	0.126	0.155	
								36	18	24.8	23.8	0.149	0.188	0.094	0.119	
					Right Touch	340500	1702.5	1	39	24.8	23.9	0.202	0.249	0.136	0.167	
								36	18	24.8	23.8	0.123	0.155	0.080	0.101	
					Right Tilt	340500	1702.5	1	39	24.8	23.9	0.166	0.204	0.105	0.129	
								36	18	24.8	23.8	0.107	0.135	0.067	0.085	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	340500	1702.5	1	39	21.0	20.9	0.545	0.558	0.292	0.299	
								36	18	21.0	20.8	0.535	0.560	0.289	0.303	290
					Front	340500	1702.5	1	39	21.0	20.9	0.484	0.495	0.275	0.281	
								36	18	21.0	20.8	0.389	0.407	0.221	0.231	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	340500	1702.5	1	39	21.0	20.9	0.225	0.230	0.103	0.105	
								36	18	21.0	20.8	0.213	0.223	0.097	0.102	
					Edge 4	340500	1702.5	1	39	21.0	20.9	0.839	0.859	0.428	0.438	
								36	18	21.0	20.8	0.842	0.882	0.427	0.447	291
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	340500	1702.5	1	39	20.0	20.0	0.839	0.839	0.401	0.401	292
								36	18	20.0	19.9	0.784	0.802	0.372	0.381	
					Left Tilt	340500	1702.5	1	39	20.0	20.0	0.378	0.378	0.181	0.181	
								36	18	20.0	19.9	0.411	0.421	0.200	0.205	
					Right Touch	340500	1702.5	1	39	20.0	20.0	0.288	0.288	0.154	0.154	
								36	18	20.0	19.9	0.262	0.268	0.140	0.143	
					Right Tilt	340500	1702.5	1	39	20.0	20.0	0.157	0.157	0.088	0.088	
								36	18	20.0	19.9	0.130	0.133	0.073	0.075	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	340500	1702.5	1	39	21.1	21.0	0.442	0.452	0.224	0.229	
								36	18	21.1	20.9	0.461	0.483	0.230	0.241	293
					Front	340500	1702.5	1	39	21.1	21.0	0.291	0.298	0.156	0.160	
								36	18	21.1	20.9	0.264	0.276	0.142	0.149	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	340500	1702.5	1	39	21.1	21.0	0.223	0.228	0.103	0.105	
								36	18	21.1	20.9	0.222	0.232	0.101	0.106	
					Edge 2	340500	1702.5	1	39	21.1	21.0	0.907	0.928	0.430	0.440	294
								36	18	21.1	20.9	0.881	0.923	0.419	0.439	

10.32. 5G NR Band n71 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	136100	680.5	1	52	25.7	25.5	0.165	0.173	0.128	0.134	
								50	25	25.7	25.4	0.150	0.161	0.118	0.126	
					Left Tilt	136100	680.5	1	52	25.7	25.5	0.161	0.169	0.125	0.131	
								50	25	25.7	25.4	0.073	0.079	0.059	0.063	
					Right Touch	136100	680.5	1	52	25.7	25.5	0.132	0.138	0.100	0.105	
								50	25	25.7	25.4	0.184	0.197	0.142	0.152	295
					Right Tilt	136100	680.5	1	52	25.7	25.5	0.072	0.075	0.058	0.061	
								50	25	25.7	25.4	0.069	0.074	0.055	0.059	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	136100	680.5	1	52	25.7	25.5	0.436	0.457	0.232	0.243	
								50	25	25.7	25.4	0.497	0.533	0.269	0.288	296
					Front	136100	680.5	1	52	25.7	25.5	0.391	0.409	0.225	0.236	
								50	25	25.7	25.4	0.398	0.426	0.225	0.241	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	136100	680.5	1	52	25.7	25.5	0.492	0.515	0.270	0.283	
								50	25	25.7	25.4	0.588	0.630	0.325	0.348	297
					Edge 3	136100	680.5	1	52	25.7	25.5	0.417	0.437	0.178	0.186	
								50	25	25.7	25.4	0.440	0.471	0.187	0.200	
					Edge 4	136100	680.5	1	52	25.7	25.5	0.215	0.225	0.139	0.146	
								50	25	25.7	25.4	0.203	0.218	0.131	0.140	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	136100	680.5	1	52	24.7	24.5	0.853	0.893	0.470	0.492	298
								50	25	24.7	24.5	0.845	0.885	0.470	0.492	
					Left Tilt	136100	680.5	1	52	24.7	24.5	0.760	0.796	0.382	0.400	
								50	25	24.7	24.5	0.677	0.709	0.344	0.360	
					Right Touch	136100	680.5	1	52	24.7	24.5	0.756	0.792	0.456	0.477	
								50	25	24.7	24.5	0.678	0.710	0.421	0.441	
					Right Tilt	136100	680.5	1	52	24.7	24.5	0.727	0.761	0.364	0.381	
								50	25	24.7	24.5	0.729	0.763	0.357	0.374	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	136100	680.5	1	52	24.7	24.5	0.423	0.443	0.207	0.217	
								50	25	24.7	24.5	0.523	0.548	0.296	0.310	299
					Front	136100	680.5	1	52	24.7	24.5	0.339	0.355	0.202	0.212	
								50	25	24.7	24.5	0.289	0.303	0.176	0.184	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	136100	680.5	1	52	24.7	24.5	0.251	0.263	0.112	0.117	
								50	25	24.7	24.5	0.222	0.232	0.108	0.113	
					Edge 2	136100	680.5	1	52	24.7	24.5	0.146	0.153	0.094	0.098	
								50	25	24.7	24.5	0.147	0.154	0.095	0.099	
					Edge 4	136100	680.5	1	52	24.7	24.5	0.315	0.330	0.202	0.212	
								50	25	24.7	24.5	0.330	0.346	0.212	0.222	

10.33. 5G NR Band n77 (Block A)(100MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	633332	3500.0	1	136	24.0	23.2	0.018	0.022	0.005	0.006	
								135	67	24.0	23.1	0.020	0.025	0.005	0.006	
					Left Tilt	633332	3500.0	1	136	24.0	23.2	0.025	0.030	0.006	0.007	
								135	67	24.0	23.1	0.043	0.053	0.009	0.011	
					Right Touch	633332	3500.0	1	136	24.0	23.2	0.049	0.059	0.019	0.023	300
								135	67	24.0	23.1	0.046	0.057	0.017	0.021	
					Right Tilt	633332	3500.0	1	136	24.0	23.2	0.015	0.018	0.002	0.003	
								135	67	24.0	23.1	0.025	0.031	0.005	0.006	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	633332	3500.0	1	136	19.6	19.6	0.408	0.408	0.154	0.154	
								135	67	19.6	19.6	0.408	0.408	0.154	0.154	301
					Front	633332	3500.0	1	136	19.6	19.6	0.230	0.230	0.079	0.079	
								135	67	19.6	19.6	0.254	0.254	0.091	0.091	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	633332	3500.0	1	136	19.6	19.6	0.558	0.558	0.202	0.202	302
								135	67	19.6	19.6	0.536	0.536	0.194	0.194	
					Edge 3	633332	3500.0	1	136	19.6	19.6	0.240	0.240	0.074	0.074	
								135	67	19.6	19.6	0.225	0.225	0.049	0.049	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	633332	3500.0	1	136	21.6	21.0	0.349	0.401	0.111	0.127	
								135	67	21.6	21.0	0.325	0.373	0.108	0.124	
					Left Tilt	633332	3500.0	1	136	21.6	21.0	0.325	0.373	0.098	0.113	
								135	67	21.6	21.0	0.398	0.457	0.128	0.147	
					Right Touch	633332	3500.0	1	136	21.6	21.0	0.651	0.747	0.208	0.239	
								135	67	21.6	21.0	0.670	0.769	0.214	0.246	
					Right Tilt	633332	3500.0	1	136	21.6	21.0	0.674	0.774	0.206	0.237	303
								135	67	21.6	21.0	0.654	0.751	0.202	0.232	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	633332	3500.0	1	136	17.1	17.1	0.862	0.862	0.282	0.282	
								135	67	17.1	17.1	0.890	0.890	0.295	0.295	304
					Front	633332	3500.0	1	136	17.1	17.1	0.070	0.070	0.025	0.025	
								135	67	17.1	17.1	0.110	0.110	0.037	0.037	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	633332	3500.0	1	136	17.1	17.1	0.122	0.122	0.050	0.050	
								135	67	17.1	17.1	0.127	0.127	0.045	0.045	
					Edge 4	633332	3500.0	1	136	17.1	17.1	0.160	0.160	0.059	0.059	
								135	67	17.1	17.1	0.168	0.168	0.066	0.066	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	633332	3500.0	1	136	21.9	21.0	0.196	0.241	0.089	0.109	305
								135	67	21.9	20.9	0.188	0.237	0.086	0.108	
					Left Tilt	633332	3500.0	1	136	21.9	21.0	0.056	0.069	0.019	0.024	
								135	67	21.9	20.9	0.052	0.066	0.017	0.022	
					Right Touch	633332	3500.0	1	136	21.9	21.0	0.113	0.139	0.043	0.053	
								135	67	21.9	20.9	0.111	0.140	0.039	0.049	
					Right Tilt	633332	3500.0	1	136	21.9	21.0	0.110	0.135	0.033	0.040	
								135	67	21.9	20.9	0.096	0.120	0.030	0.038	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	633332	3500.0	1	136	15.8	15.8	0.496	0.496	0.188	0.188	
								135	67	15.8	15.8	0.549	0.549	0.205	0.205	306
					Front	633332	3500.0	1	136	15.8	15.8	0.399	0.399	0.150	0.150	
								135	67	15.8	15.8	0.358	0.358	0.136	0.136	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	633332	3500.0	1	136	15.8	15.8	0.082	0.082	0.034	0.034	
								135	67	15.8	15.8	0.082	0.082	0.034	0.034	
					Edge 4	633332	3500.0	1	136	15.8	15.8	0.771	0.771	0.286	0.286	
								135	67	15.8	15.8	0.880	0.880	0.315	0.315	307

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	633332	3500.0	1	136	19.7	19.6	0.890	0.911	0.337	0.345	308
								135	67	19.7	19.6	0.879	0.899	0.335	0.343	
					Left Tilt	633332	3500.0	1	136	19.7	19.6	0.227	0.232	0.091	0.093	
								135	67	19.7	19.6	0.313	0.320	0.126	0.129	
					Right Touch	633332	3500.0	1	136	19.7	19.6	0.180	0.184	0.085	0.087	
								135	67	19.7	19.6	0.200	0.205	0.084	0.086	
					Right Tilt	633332	3500.0	1	136	19.7	19.6	0.075	0.077	0.029	0.030	
								135	67	19.7	19.6	0.070	0.072	0.027	0.028	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	633332	3500.0	1	136	18.5	18.1	0.386	0.423	0.152	0.167	
								135	67	18.5	18.0	0.418	0.469	0.163	0.183	309
					Front	633332	3500.0	1	136	18.5	18.1	0.310	0.340	0.123	0.135	
								135	67	18.5	18.0	0.305	0.342	0.119	0.134	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	633332	3500.0	1	136	18.5	18.1	0.077	0.085	0.027	0.030	
								135	67	18.5	18.0	0.068	0.076	0.026	0.029	
					Edge 2	633332	3500.0	1	136	18.5	18.1	0.680	0.746	0.250	0.274	
								135	67	18.5	18.0	0.700	0.785	0.256	0.287	310

10.34. 5G NR Band n77 (Block C)(100MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	656000	3840.0	1	136	24.0	23.3	0.053	0.062	0.017	0.020	
								135	67	24.0	23.2	0.043	0.052	0.011	0.013	
					Left Tilt	656000	3840.0	1	136	24.0	23.3	0.051	0.060	0.011	0.013	
								135	67	24.0	23.2	0.071	0.085	0.017	0.020	
					Right Touch	656000	3840.0	1	136	24.0	23.3	0.078	0.091	0.020	0.024	311
								135	67	24.0	23.2	0.055	0.066	0.011	0.013	
					Right Tilt	656000	3840.0	1	136	24.0	23.3	0.045	0.053	0.010	0.012	
								135	67	24.0	23.2	0.036	0.044	0.007	0.009	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	656000	3840.0	1	136	19.6	19.6	0.377	0.378	0.147	0.147	
								135	67	19.6	19.6	0.433	0.433	0.163	0.163	312
					Front	656000	3840.0	1	136	19.6	19.6	0.215	0.215	0.069	0.070	
								135	67	19.6	19.6	0.217	0.217	0.069	0.069	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	656000	3840.0	1	136	19.6	19.6	0.234	0.234	0.078	0.078	
								135	67	19.6	19.6	0.255	0.255	0.085	0.085	
					Edge 3	656000	3840.0	1	136	19.6	19.6	0.084	0.084	0.025	0.025	
								135	67	19.6	19.6	0.091	0.091	0.028	0.028	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	656000	3840.0	1	136	21.6	21.1	0.198	0.222	0.062	0.069	
								135	67	21.6	21.1	0.187	0.210	0.048	0.053	
					Left Tilt	656000	3840.0	1	136	21.6	21.1	0.245	0.275	0.065	0.073	
								135	67	21.6	21.1	0.242	0.272	0.063	0.071	
					Right Touch	656000	3840.0	1	136	21.6	21.1	0.259	0.291	0.072	0.081	
								135	67	21.6	21.1	0.262	0.294	0.074	0.083	
					Right Tilt	656000	3840.0	1	136	21.6	21.1	0.285	0.320	0.082	0.092	313
								135	67	21.6	21.1	0.271	0.304	0.079	0.089	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	656000	3840.0	1	136	17.1	16.4	0.610	0.717	0.226	0.266	
								135	67	17.1	16.4	0.658	0.773	0.238	0.280	314
					Front	656000	3840.0	1	136	17.1	16.4	0.038	0.045	0.012	0.014	
								135	67	17.1	16.4	0.038	0.045	0.013	0.015	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	656000	3840.0	1	136	17.1	16.4	0.109	0.128	0.035	0.041	
								135	67	17.1	16.4	0.067	0.079	0.021	0.025	
					Edge 4	656000	3840.0	1	136	17.1	16.4	0.145	0.170	0.053	0.062	
								135	67	17.1	16.4	0.125	0.147	0.046	0.054	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	656000	3840.0	1	136	21.9	21.0	0.184	0.226	0.082	0.101	315
								135	67	21.9	21.0	0.181	0.223	0.080	0.098	
					Left Tilt	656000	3840.0	1	136	21.9	21.0	0.056	0.069	0.019	0.023	
								135	67	21.9	21.0	0.071	0.087	0.025	0.031	
					Right Touch	656000	3840.0	1	136	21.9	21.0	0.083	0.102	0.031	0.038	
								135	67	21.9	21.0	0.089	0.109	0.032	0.039	
					Right Tilt	656000	3840.0	1	136	21.9	21.0	0.132	0.162	0.040	0.049	
								135	67	21.9	21.0	0.105	0.129	0.031	0.038	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	656000	3840.0	1	136	15.8	15.8	0.513	0.513	0.181	0.181	
								135	67	15.8	15.8	0.614	0.614	0.214	0.214	316
					Front	656000	3840.0	1	136	15.8	15.8	0.198	0.198	0.069	0.069	
								135	67	15.8	15.8	0.219	0.219	0.078	0.078	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	656000	3840.0	1	136	15.8	15.8	0.128	0.128	0.052	0.052	
								135	67	15.8	15.8	0.123	0.123	0.052	0.052	
					Edge 4	656000	3840.0	1	136	15.8	15.8	0.649	0.649	0.240	0.240	
								135	67	15.8	15.8	0.713	0.713	0.259	0.259	317

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	656000	3840.0	1	136	19.7	19.4	0.739	0.792	0.261	0.280	318
								135	67	19.7	19.3	0.718	0.787	0.255	0.280	
					Left Tilt	656000	3840.0	1	136	19.7	19.4	0.266	0.285	0.095	0.102	
								135	67	19.7	19.3	0.235	0.258	0.087	0.095	
					Right Touch	656000	3840.0	1	136	19.7	19.4	0.124	0.133	0.044	0.048	
								135	67	19.7	19.3	0.191	0.209	0.069	0.076	
					Right Tilt	656000	3840.0	1	136	19.7	19.4	0.119	0.128	0.040	0.043	
								135	67	19.7	19.3	0.138	0.151	0.052	0.057	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	656000	3840.0	1	136	18.5	17.9	0.290	0.333	0.106	0.122	
								135	67	18.5	17.8	0.339	0.398	0.128	0.150	319
					Front	656000	3840.0	1	136	18.5	17.9	0.215	0.247	0.075	0.086	
								135	67	18.5	17.8	0.226	0.266	0.078	0.092	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	656000	3840.0	1	136	18.5	17.9	0.057	0.065	0.020	0.023	
								135	67	18.5	17.8	0.059	0.069	0.021	0.025	
					Edge 2	656000	3840.0	1	136	18.5	17.9	0.481	0.552	0.174	0.200	
								135	67	18.5	17.8	0.480	0.564	0.173	0.203	320

10.35. Wi-Fi (DTS Band)

When the 802.11b reported SAR of the highest measured maximum output power channel is ≤ 0.8 W/kg, no further SAR testing is required. If SAR is > 0.8 W/kg and ≤ 1.2 W/kg, SAR is required for the next highest measured output power channel. Finally, if SAR is > 1.2 W/kg, SAR is required for the third channel.

SAR testing is not required for OFDM mode(s) when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.

Antenna	WWAN Power	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
											Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Cell OFF	Head	802.11b	Mode A	0	Left Touch	6	2437	0.323	99.9%	21.50	20.19	0.237	0.321	0.132	0.179	145
						Left Tilt	6	2437	0.063	99.9%	21.50	20.19					
						Right Touch	6	2437	0.122	99.9%	21.50	20.19					
						Right Tilt	6	2437	0.139	99.9%	21.50	20.19					
		Body & Hotspot	802.11b	Mobe B	5	Rear	6	2437	0.654	99.9%	20.00	19.54	0.435	0.484	0.232	0.258	146
						Front	6	2437	0.730	99.9%	20.00	19.54					
		Hotspot	802.11b	Mode B	5	Edge 3	6	2437	0.173	99.9%	20.00	19.54					
						Edge 4	1	2412	1.380	99.9%	20.00	19.47	0.832	0.941	0.388	0.439	147
						Edge 4	6	2437	1.300	99.9%	20.00	19.54	0.809	0.900	0.359	0.400	
						Edge 4	11	2462	1.180	99.9%	20.00	19.51	0.727	0.815	0.328	0.368	
Antenna	WWAN Power	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
											Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Cell OFF	Head	802.11b	Mode A	0	Left Touch	1	2412	1.060	99.9%	19.75	17.88	0.590	0.909	0.245	0.377	
						Left Touch	6	2437	1.500	99.9%	19.75	17.92	0.749	1.143	0.309	0.471	148
						Left Touch	11	2462	1.150	99.9%	19.75	17.51	0.623	1.045	0.252	0.423	
						Left Tilt	6	2437	0.213	99.9%	19.75	17.51	0.132	0.221	0.069	0.116	
						Right Touch	6	2437	0.202	99.9%	19.75	17.51					
						Right Tilt	6	2437	0.095	99.9%	19.75	17.51					
		Body & Hotspot	802.11b	Mode B	5	Rear	6	2437	0.863	99.9%	20.50	19.99	0.596	0.671	0.260	0.293	149
						Front	6	2437	0.438	99.9%	20.50	19.99					
		Hotspot	802.11b	Mode B	5	Edge 1	6	2437	0.064	99.9%	20.50	19.99					
						Edge 2	1	2412	1.010	99.9%	20.50	19.65	0.626	0.762	0.245	0.298	
						Edge 2	6	2437	1.230	99.9%	20.50	19.99	0.740	0.833	0.261	0.294	
						Edge 2	11	2462	1.040	99.9%	20.50	19.22	0.670	0.901	0.288	0.387	150
Antenna	WWAN Power	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
											Tune-up	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Cell ON	Head	802.11b	Mode A	0	Left Touch	6	2437	0.219	99.9%	21.00	19.04	0.150	0.236	0.086	0.135	151
						Left Tilt	6	2437	0.081	99.9%	21.00	19.04					
						Right Touch	6	2437	0.113	99.9%	21.00	19.04					
						Right Tilt	6	2437	0.108	99.9%	21.00	19.04					
		Body & Hotspot	802.11b	Mode B	5	Rear	6	2437	0.354	99.9%	16.75	15.64	0.226	0.292	0.114	0.147	152
						Front	6	2437	0.308	99.9%	16.75	15.64					
		Hotspot	802.11b	Mode B	5	Edge 3	6	2437	0.101	99.9%	16.75	15.64					
						Edge 4	6	2437	0.703	99.9%	16.75	15.64	0.415	0.536	0.184	0.238	153
Antenna	WWAN Power	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
											Tune-up	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Cell ON	Head	802.11b	Mode A	0	Left Touch	6	2437	0.383	99.9%	15.25	14.11	0.343	0.446	0.138	0.180	154
						Left Tilt	6	2437	0.131	99.9%	15.25	14.11	0.065	0.085	0.029	0.038	
						Right Touch	6	2437	0.131	99.9%	15.25	14.11					
						Right Tilt	6	2437	0.032	99.9%	15.25	14.11					
		Body & Hotspot	802.11b	Mode B	5	Rear	6	2437	0.394	99.9%	17.25	16.14	0.312	0.403	0.134	0.173	155
						Front	6	2437	0.294	99.9%	17.25	16.14					
		Hotspot	802.11b	Mode B	5	Edge 1	6	2437	0.030	99.9%	17.25	16.14					
						Edge 2	6	2437	0.652	99.9%	17.25	16.14	0.375	0.485	0.159	0.206	156

10.36. Wi-Fi (U-NII Band)

Antenna	WWAN Power	Band	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT5	Cell OFF	U-NII-2A	Head	802.11n (HT40)	Mode A	0	Left Touch	54	5270	0.017	95.8%	20.50	19.56					
							Left Tilt	54	5270	0.006	95.8%	20.50	19.56					
							Right Touch	54	5270	0.081	95.8%	20.50	19.56	0.001	0.001	0.001	0.001	157
							Right Tilt	54	5270	0.005	95.8%	20.50	19.56					
			Body & Airplay	802.11n (HT40)	Mode B	5	Rear	54	5270	1.710	95.8%	17.50	16.93	0.823	0.980	0.281	0.335	158
							Rear	62	5310	1.490	95.8%	17.50	16.42	0.702	0.940	0.241	0.323	
							Front	54	5270	0.088	95.8%	17.50	16.42					
			Airplay	802.11n (HT40)	Mode B	5	Edge 3	54	5270	0.043	95.8%	17.50	16.42					
							Edge 4	54	5270	0.097	95.8%	17.50	16.42	0.047	0.063	0.017	0.023	
Antenna	WWAN Power	Band	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT5	Cell OFF	U-NII-2C	Head	802.11ac (VHT80)	Mode A	0	Left Touch	122	5610	0.039	91.4%	20.50	19.11	0.006	0.009	0.001	0.001	159
							Left Tilt	122	5610	0.022	91.4%	20.50	19.11					
							Right Touch	122	5610	0.030	91.4%	20.50	19.11					
							Right Tilt	122	5610	0.021	91.4%	20.50	19.11					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	106	5530	1.370	91.4%	16.00	14.72	0.703	1.032	0.201	0.295	
							Rear	122	5610	1.300	91.4%	16.00	14.82	0.758	1.088	0.222	0.319	160
							Rear	138	5690	1.300	91.4%	16.00	14.61	0.721	1.086	0.211	0.318	
							Front	122	5610	0.138	91.4%	16.00	14.82					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 3	122	5610	0.418	91.4%	16.00	14.82	0.183	0.263	0.058	0.083	
							Edge 4	122	5610	0.190	91.4%	16.00	14.82					
Antenna	WWAN Power	Band	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT5	Cell OFF	U-NII-3	Head	802.11a	Mode A	0	Left Touch	157	5785	0.063	97.5%	21.50	20.03					
							Left Tilt	157	5785	0.063	97.5%	21.50	20.03					
							Right Touch	157	5785	0.056	97.5%	21.50	20.03					
							Right Tilt	157	5785	0.075	97.5%	21.50	20.03	0.001	0.001	0.001	0.001	161
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	155	5775	1.570	91.4%	17.00	16.60	0.764	0.916	0.207	0.248	162
							Front	155	5775	0.120	91.4%	17.00	16.60					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 3	155	5775	0.699	91.4%	17.00	16.60	0.327	0.392	0.103	0.124	
							Edge 4	155	5775	0.189	91.4%	17.00	16.60					
Antenna	WWAN Power	Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT6	Cell OFF	U-NII-2A	Head	802.11n (HT40)	Mode A	0	Left Touch	54	5270	0.947	95.8%	20.00	18.71					
							Left Tilt	54	5270	0.917	95.8%	20.00	18.71					
							Right Touch	54	5270	1.800	95.8%	20.00	18.71	0.807	1.134	0.275	0.387	163
							Right Touch	62	5310	0.898	95.8%	17.50	16.76	0.439	0.544	0.156	0.193	
							Right Tilt	54	5270	0.749	95.8%	20.00	18.71	0.336	0.472	0.136	0.191	
			Body & Airplay	802.11n (HT40)	Mode B	5	Rear	54	5270	1.900	95.8%	20.25	19.30	0.849	1.103	0.275	0.357	164
							Rear	62	5310	1.330	95.8%	17.50	16.76	0.620	0.768	0.213	0.264	
							Front	54	5270	0.443	95.8%	20.25	19.30					
			Airplay	802.11n (HT40)	Mode B	5	Edge 1	54	5270	0.449	95.8%	20.25	19.30					
							Edge 4	54	5270	1.390	95.8%	20.25	19.30	0.880	1.144	0.264	0.343	165
							Edge 4	62	5310	1.410	95.8%	17.50	16.76	0.744	0.921	0.237	0.294	
Antenna	WWAN Power	Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT6	Cell OFF	U-NII-2C	Head	802.11ac (VHT80)	Mode A	0	Left Touch	122	5610	0.497	91.4%	18.75	17.60					
							Left Tilt	122	5610	0.465	91.4%	18.75	17.60					
							Right Touch	106	5530	0.704	91.4%	16.00	14.64	0.321	0.480	0.122	0.183	
							Right Touch	122	5610	1.560	91.4%	18.75	17.60	0.746	1.063	0.279	0.398	166
							Right Touch	138	5690	1.180	91.4%	18.75	17.55	0.632	0.911	0.228	0.329	
							Right Tilt	122	5610	0.896	91.4%	18.75	17.60	0.383	0.546	0.139	0.198	
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	106	5530	1.170	91.4%	16.00	14.64	0.377	0.564	0.119	0.178	
							Rear	122	5610	2.300	91.4%	19.25	18.87	0.814	0.972	0.246	0.294	167
							Rear	138	5690	2.250	91.4%	19.25	18.74	0.785	0.966	0.219	0.269	
							Front	122	5610	0.495	91.4%	19.25	18.87					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 1	122	5610	0.568	91.4%	19.25	18.87					
							Edge 4	106	5530	0.639	91.4%	16.00	14.64	0.322	0.482	0.092	0.138	
							Edge 4	122	5610	1.660	91.4%	19.25	18.87	0.767	0.916	0.227	0.271	
							Edge 4	138	5690	1.500	91.4%	19.25	18.74	0.582	0.716	0.178	0.219	
Antenna	WWAN Power	Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT6	Cell OFF	U-NII-3	Head	802.11ac (VHT80)	Mode A	0	Left Touch	155	5775	0.374	91.4%	20.25	18.96					
							Left Tilt	155	5775	0.528	91.4%	20.25	18.96					
							Right Touch	155	5775	1.590	91.4%	20.25	18.96	0.770	1.133	0.224	0.330	168
							Right Tilt	155	5775	0.705	91.4%	20.25	18.96	0.353	0.520	0.126	0.185	
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	155	5775	1.530	91.4%	19.50	18.07	0.729	1.108	0.238	0.362	169
							Front	155	5775	0.453	91.4%	19.50	18.07					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 1	155	5775	0.291	91.4%	19.50	18.07					
							Edge 4	155	5775	1.290	91.4%	19.50	18.07	0.568	0.863	0.180	0.274	

Antenna	WWAN Power	Band	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT5	Cell ON	U-NII-2A	Head	802.11n (HT40)	Mode A	0	Left Touch	54	5270	0.014	95.8%	18.00	17.98					
							Left Tilt	54	5270	0.009	95.8%	18.00	17.98					
							Right Touch	54	5270	0.017	95.8%	18.00	17.98	0.001	0.001	0.001	0.001	170
							Right Tilt	54	5270	0.003	95.8%	18.00	17.98					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	58	5290	0.583	91.4%	14.00	13.43	0.287	0.358	0.098	0.122	171
							Front	58	5290	0.028	91.4%	14.00	13.43					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 3	58	5290	0.024	91.4%	14.00	13.43					
							Edge 4	58	5290	0.033	91.4%	14.00	13.43					
Antenna	WWAN Power	Band	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT5	Cell ON	U-NII-2C	Head	802.11ac (VHT80)	Mode A	0	Left Touch	122	5610	0.011	91.4%	17.00	16.91	0.001	0.001	0.001	0.001	172
							Left Tilt	122	5610	0.010	91.4%	17.00	16.91					
							Right Touch	122	5610	0.105	91.4%	17.00	16.91					
							Right Tilt	122	5610	0.104	91.4%	17.00	16.91					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	122	5610	0.591	91.4%	12.25	12.04	0.335	0.385	0.099	0.114	173
							Front	122	5610	0.042	91.4%	12.25	12.04					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 3	122	5610	0.179	91.4%	12.25	12.04					
							Edge 4	122	5610	0.128	91.4%	12.25	12.04					
Antenna	WWAN Power	Band	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT5	Cell ON	U-NII-3	Head	802.11ac (VHT80)	Mode A	0	Left Touch	155	5775	0.058	91.4%	17.25	17.16	0.001	0.001	0.001	0.001	174
							Left Tilt	155	5775	0.018	91.4%	17.25	17.16					
							Right Touch	155	5775	0.044	91.4%	17.25	17.16					
							Right Tilt	155	5775	0.029	91.4%	17.25	17.16					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	155	5775	0.660	91.4%	13.00	12.28	0.302	0.390	0.081	0.104	175
							Front	155	5775	0.019	91.4%	13.00	12.28					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 3	155	5775	0.147	91.4%	13.00	12.28					
							Edge 4	155	5775	0.028	91.4%	13.00	12.28					
Antenna	WWAN Power	Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT6	Cell ON	U-NII-2A	Head	802.11ac (VHT80)	Mode A	0	Left Touch	58	5290	0.217	91.4%	14.75	13.52					
							Left Tilt	58	5290	0.240	91.4%	14.75	13.52					
							Right Touch	58	5290	0.796	91.4%	14.75	13.52	0.245	0.356	0.080	0.116	176
							Right Tilt	58	5290	0.390	91.4%	14.75	13.52					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	58	5290	0.657	91.4%	15.75	14.19	0.289	0.453	0.091	0.143	177
							Front	58	5290	0.170	91.4%	15.75	14.19					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 1	58	5290	0.202	91.4%	15.75	14.19					
							Edge 4	58	5290	0.571	91.4%	15.75	14.19	0.275	0.431	0.081	0.127	
Antenna	WWAN Power	Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT6	Cell ON	U-NII-2C	Head	802.11ac (VHT80)	Mode A	0	Left Touch	122	5610	0.191	91.4%	13.50	11.91					
							Left Tilt	122	5610	0.217	91.4%	13.50	11.91					
							Right Touch	122	5610	0.517	91.4%	13.50	11.91	0.214	0.338	0.078	0.123	178
							Right Tilt	122	5610	0.404	91.4%	13.50	11.91					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	122	5610	0.853	91.4%	15.00	13.79	0.300	0.434	0.088	0.127	179
							Front	122	5610	0.140	91.4%	15.00	13.79					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 1	122	5610	0.142	91.4%	15.00	13.79					
							Edge 4	122	5610	0.330	91.4%	15.00	13.79	0.143	0.207	0.045	0.065	
Antenna	WWAN Power	Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT6	Cell ON	U-NII-3	Head	802.11ac (VHT80)	Mode A	0	Left Touch	155	5775	0.119	91.4%	15.75	14.81					
							Left Tilt	155	5775	0.125	91.4%	15.75	14.81					
							Right Touch	155	5775	0.367	91.4%	15.75	14.81	0.258	0.350	0.067	0.091	180
							Right Tilt	155	5775	0.184	91.4%	15.75	14.81					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	155	5775	0.845	91.4%	15.75	15.10	0.332	0.422	0.106	0.135	181
							Front	155	5775	0.150	91.4%	15.75	15.10					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 1	155	5775	0.073	91.4%	15.75	15.10					
							Edge 4	155	5775	0.417	91.4%	15.75	15.10	0.182	0.231	0.055	0.070	

10.37. Bluetooth

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
									Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3 P_{low}	Head	GFSK	Mode A	0	Left Touch	39	2441	100.0%	16.75	15.35	0.063	0.086	0.035	0.048	182
					Left Tilt	39	2441	100.0%	16.75	15.35	0.019	0.027	0.011	0.014	
					Right Touch	39	2441	100.0%	16.75	15.35	0.033	0.046	0.020	0.028	
					Right Tilt	39	2441	100.0%	16.75	15.35	0.029	0.041	0.010	0.014	
	Body & Hotspot	GFSK	Mode B	5	Rear	39	2441	100.0%	10.25	9.51	0.061	0.072	0.031	0.037	183
					Front	39	2441	100.0%	10.25	9.51	0.015	0.018	0.007	0.009	
	Hotspot	GFSK	Mode B	5	Edge 3	39	2441	100.0%	10.25	9.51	0.006	0.007	0.001	0.002	
					Edge 4	39	2441	100.0%	10.25	9.51	0.075	0.089	0.033	0.039	184
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
									Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3 P_{high}	Head	GFSK	Mode A	0	Left Touch	39	2441	100.0%	20.00	19.04	0.126	0.157	0.069	0.086	185
					Left Tilt	39	2441	100.0%	20.00	19.04	0.049	0.061	0.024	0.030	
					Right Touch	39	2441	100.0%	20.00	19.04	0.078	0.097	0.043	0.054	
					Right Tilt	39	2441	100.0%	20.00	19.04	0.072	0.090	0.036	0.045	
	Body & Hotspot	GFSK	Mode B	5	Rear	39	2441	100.0%	16.50	15.80	0.222	0.261	0.108	0.127	186
					Front	39	2441	100.0%	16.50	15.80	0.120	0.141	0.061	0.072	
	Hotspot	GFSK	Mode B	5	Edge 3	39	2441	100.0%	16.50	15.80	0.043	0.050	0.020	0.023	
					Edge 4	39	2441	100.0%	16.50	15.80	0.297	0.349	0.129	0.152	187
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
									Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3 $P_{standlone}$	Head	GFSK	Mode A	0	Left Touch	39	2441	100.0%	20.00	18.69	0.131	0.177	0.076	0.103	188
					Left Tilt	39	2441	100.0%	20.00	18.69	0.054	0.073	0.027	0.037	
					Right Touch	39	2441	100.0%	20.00	18.69	0.081	0.110	0.045	0.061	
					Right Tilt	39	2441	100.0%	20.00	18.69	0.069	0.093	0.036	0.049	
	Body & Hotspot	GFSK	Mode B	5	Rear	39	2441	100.0%	20.00	19.07	0.413	0.512	0.219	0.271	
					Front	39	2441	100.0%	20.00	19.07	0.445	0.551	0.241	0.299	189
	Hotspot	GFSK	Mode B	5	Edge 3	39	2441	100.0%	20.00	19.07	0.134	0.166	0.068	0.084	
					Edge 4	0	2402	100.0%	20.00	18.89	0.899	1.161	0.420	0.542	190
					Edge 4	39	2441	100.0%	20.00	19.07	0.857	1.062	0.393	0.487	
					Edge 4	78	2480	100.0%	20.00	19.03	0.749	0.936	0.338	0.423	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
									Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4 P_{low}	Head	GFSK	Mode A	0	Left Touch	39	2441	100.0%	9.50	8.32	0.057	0.075	0.022	0.029	191
					Left Tilt	39	2441	100.0%	9.50	8.32	0.006	0.008	0.002	0.003	
					Right Touch	39	2441	100.0%	9.50	8.32	0.016	0.021	0.005	0.007	
					Right Tilt	39	2441	100.0%	9.50	8.32	0.000	0.000	0.000	0.000	
	Body & Hotspot	GFSK	Mode B	5	Rear	39	2441	100.0%	10.25	9.47	0.071	0.085	0.029	0.035	192
					Front	39	2441	100.0%	10.25	9.47	0.013	0.016	0.004	0.005	
	Hotspot	GFSK	Mode B	5	Edge 1	39	2441	100.0%	10.25	9.47	0.003	0.004	0.001	0.001	
					Edge 2	39	2441	100.0%	10.25	9.47	0.073	0.087	0.030	0.036	193
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
									Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4 P_{high}	Head	GFSK	Mode A	0	Left Touch	39	2441	100.0%	15.25	14.11	0.262	0.341	0.105	0.137	194
					Left Tilt	39	2441	100.0%	15.25	14.11	0.057	0.074	0.026	0.034	
					Right Touch	39	2441	100.0%	15.25	14.11	0.049	0.064	0.026	0.034	
					Right Tilt	39	2441	100.0%	15.25	14.11	0.014	0.018	0.005	0.007	
	Body & Hotspot	GFSK	Mode B	5	Rear	39	2441	100.0%	16.00	15.61	0.246	0.269	0.105	0.115	195
					Front	39	2441	100.0%	16.00	15.61	0.083	0.091	0.034	0.037	
	Hotspot	GFSK	Mode B	5	Edge 1	39	2441	100.0%	16.00	15.61	0.006	0.006	0.002	0.002	
					Edge 2	39	2441	100.0%	16.00	15.61	0.320	0.350	0.135	0.148	196
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
									Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4 $P_{standlone}$	Head	GFSK	Mode A	0	Left Touch	0	2402	100.0%	19.75	18.38	0.658	0.902	0.284	0.389	
					Left Touch	39	2441	100.0%	19.75	18.42	0.845	1.148	0.342	0.465	197
					Left Touch	78	2480	100.0%	19.75	18.03	0.642	0.954	0.263	0.391	
					Left Tilt	39	2441	100.0%	19.75	18.42	0.184	0.250	0.094	0.128	
					Right Touch	39	2441	100.0%	19.75	18.42	0.392	0.532	0.187	0.254	
					Right Tilt	39	2441	100.0%	19.75	18.42	0.083	0.113	0.044	0.060	
	Body & Hotspot	GFSK	Mode B	5	Rear	39	2441	100.0%	20.00	19.00	0.682	0.859	0.291	0.366	198
					Front	39	2441	100.0%	20.00	19.00	0.331	0.417	0.145	0.183	
	Hotspot	GFSK	Mode B	5	Edge 1	39	2441	100.0%	20.00	19.00	0.054	0.068	0.024	0.030	
					Edge 2	0	2402	100.0%	20.00	18.98	0.702	0.888	0.294	0.372	
					Edge 2	39	2441	100.0%	20.00	19.00	0.760	0.957	0.324	0.408	199
					Edge 2	78	2480	100.0%	20.00	18.75	0.531	0.708	0.218	0.291	

10.38. MSS (Mobile Satellite Service)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Rear	262391	1617.6	19.0	18.2	0.644	0.774	0.339	0.408	331
					Front	262391	1617.6	19.0	18.2	0.446	0.536	0.235	0.283	
	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge 2	262391	1617.6	19.0	18.2	0.325	0.391	0.148	0.178	
					Edge 3	262316	1610.1	19.0	18.2	0.590	0.709	0.290	0.349	
					Edge 3	262391	1617.6	19.0	18.2	0.784	0.943	0.385	0.463	332
					Edge 3	262466	1625.1	19.0	18.2	0.628	0.755	0.306	0.368	
					Edge 4	262391	1617.6	19.0	18.2	0.025	0.031	0.012	0.015	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Rear	262316	1610.1	21.0	20.2	0.843	1.014	0.410	0.493	333
					Rear	262391	1617.6	21.0	20.2	0.836	1.005	0.406	0.488	
					Rear	262466	1625.1	21.0	20.2	0.806	0.969	0.391	0.470	
					Front	262391	1617.6	21.0	20.2	0.697	0.838	0.334	0.402	
	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge 1	262391	1617.6	21.0	20.2	0.200	0.240	0.112	0.135	
					Edge 2	262316	1610.1	21.0	20.2	0.807	0.970	0.369	0.444	
					Edge 2	262391	1617.6	21.0	20.2	0.859	**1.033**	0.393	0.472	334
					Edge 2	262466	1625.1	21.0	20.2	0.830	0.998	0.372	0.447	
					Edge 4	262391	1617.6	21.0	20.2	0.018	0.021	0.010	0.012	

Note(s):

Although hotspot mode is not supported for MSS, the MSS was assessed for the hotspot exposure condition to conservatively address both close to body and interactive (extremity) use conditions.

11. SAR Measurement Variability

In accordance with published RF Exposure KDB 865664 D01 SAR measurement 100 MHz to 6 GHz. These additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

1) Repeated measurement is not required when the original highest measured SAR is <0.8 or 2 W/kg (1-g or 10-g respectively); steps 2) through 4) do not apply.
2) When the original highest measured SAR is ≥ 0.8 or 2 W/kg (1-g or 10-g respectively), 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 or 3.6 W/kg (~ 10% from the 1-g or 10-g respective SAR limit).
4) Perform a third repeated measurement only if the original, first, or second repeated measurement is ≥ 1.5 or 3.75 W/kg (1-g or 10-g respectively) and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

Frequency Band (MHz)	Air Interface	RF Exposure Conditions	Test Position	Repeated SAR (Yes/No)	Highest Measured SAR (W/kg)	First Repeated	
						Measured SAR (W/kg)	Largest to Smallest SAR Ratio
700	LTE Band 12	Head	Right Touch	No	0.825	N/A	N/A
	LTE Band 13	Head	Left Touch	No	0.846	N/A	N/A
	LTE Band 14	Head	Right Touch	Yes	0.905	0.855	1.06
	FR1 n12	Head	Right Touch	No	0.816	N/A	N/A
	FR1 n71	Head	Left Touch	No	0.853	N/A	N/A
850	WCDMA Band V	Head	Right Touch	No	0.856	N/A	N/A
	LTE Band 5	Head	Right Touch	No	0.828	N/A	N/A
	FR1 n26	Head	Right Touch	Yes	0.884	0.842	1.05
1700	WCDMA Band IV	Head	Left Touch	No	0.849	N/A	N/A
	LTE Band 66	Hotspot	Edge 2	Yes	0.908	0.828	1.10
	FR1 n66	Hotspot	Edge 2	No	0.852	N/A	N/A
	FR1 n70	Hotspot	Edge 3	No	0.907	N/A	N/A
1900	GSM 1900	Hotspot	Edge 4	No	0.909	N/A	N/A
	WCDMA Band II	Hotspot	Edge 2	No	0.892	N/A	N/A
	LTE Band 25	Head	Right Touch	No	0.850	N/A	N/A
	FR1 n25	Head	Left Touch	Yes	0.918	0.840	1.09
2300	LTE Band 30	Hotspot	Edge 3	No	0.865	N/A	N/A
	FR1 n30	Hotspot	Edge 2	Yes	0.928	0.896	1.04
2400	Wi-Fi 802.11b/g/n	Hotspot	Edge 2	No	0.832	N/A	N/A
	BT	Hotspot	Edge 4	No	0.899	N/A	N/A
	LTE Band 53	Head	Left Touch	Yes	0.906	0.835	1.09
	FR1 n53	Hotspot	Edge 1	No	0.855	N/A	N/A
2500	LTE Band 7	Head	Left Touch	Yes	0.931	0.928	1.00
	FR1 n7	Hotspot	Edge 2	No	0.899	N/A	N/A
2600	LTE Band 41	Hotspot	Edge 2	Yes	0.890	0.810	1.10
	FR1 n41	Hotspot	Edge 2	No	0.822	N/A	N/A
3600	LTE Band 48	Body & Hotspot	Rear	Yes	0.937	0.803	1.17
	FR1 n77 (Block A)	Head	Left Touch	No	0.890	N/A	N/A
5300	Wi-Fi 802.11a/n/ac	Hotspot	Edge 4	Yes	0.880	0.857	1.03
5500	Wi-Fi 802.11a/n/ac	Hotspot	Edge 4	Yes	0.814	0.802	1.01

Note(s):

Second Repeated Measurement is not required since the ratio of the largest to smallest SAR for the original and first repeated measurement is < 1.20.

12. Simultaneous Transmission Conditions

KDB 447498 D01 General RF Exposure Guidance provides two procedures for determining simultaneous transmission SAR test exclusion: Sum of SAR and SAR to Peak Location Ratio (SPLSR)

Sum of SAR

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

SAR to Peak Location Ratio (SPLSR)

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

$$SPLSR = (SAR_1 + SAR_2)^{1.5} / Ri$$

Where:

SAR_1 is the highest reported or estimated SAR for the first of a pair of simultaneous transmitting antennas, in a specific test operating mode and exposure condition

SAR_2 is the highest reported or estimated SAR for the second of a pair of simultaneous transmitting antennas, in the same test operating mode and exposure condition as the first

Ri is the separation distance between the pair of simultaneous transmitting antennas. When the SAR is measured, for both antennas in the pair, it is determined by the actual x, y and z coordinates in the 1-g SAR for each SAR peak location, based on the extrapolated and interpolated result in the zoom scan measurement, using the formula of $[(x_1-x_2)^2 + (y_1-y_2)^2 + (z_1-z_2)^2]$

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

$$(SAR_1 + SAR_2)^{1.5} / Ri \leq 0.04$$

When an individual antenna transmits at on two bands simultaneously, the sum of the highest *reported* SAR for the frequency bands should be used to determine SAR_1.or SAR_2. When SPLSR is necessary, the smallest distance between the peak SAR locations for the antenna pair with respect to the peaks from each antenna should be used.

The antennas in all antenna pairs that do not qualify for simultaneous transmission SAR test exclusion must be tested for SAR compliance, according to the enlarged zoom scan and volume scan post-processing procedures in KDB Publication 865664 D01

Simultaneous transmission SAR measurement

When simultaneous transmission SAR measurements are required in different frequency bands not covered by a single probe calibration point then separate tests for each frequency band are performed. The tests are performed using enlarged zoom scans which are processed, by means of superposition, using the DASY volume scan post-processing procedures to determine the 1-g SAR for the aggregate SAR distribution.

The spatial resolution used for all enlarged zoom scans is the same as used for the most stringent zoom scans. I.E. the scan parameters required for the highest frequency assessed are used for all enlarged zoom scans. The scans cover the complete area of the device to ensure all transmitting antennas and radiating structures are assessed.

DASY provides the ability to perform Multiband Evaluations according to the latest standards using the Volume Scan job as well as appropriate routines for the Post-processing.

In order to extract and process measurements within different frequency bands, the SEMCAD X Post-processor performs the combination and subsequent superposition of these measurement data via DASY = Combined MultiBand Averaged SAR.

Combined Multi Band Averaged SAR allows - in addition to the data extraction - an evaluation of the 1 g, 10 g and/or arbitrary averaged mass SAR.

Power Scaling Factor is used to allow the volume scans to be scaled by a value other than "1", this is important when the results need to be scaled to different maximum power levels. The Power Scaling Factor is applied to each individual point of the scan. When power scaling is used in multi-band combinations the scaling factor is applied to each individual point of the first scan, the second factor is then applied to each individual point of the second scan and so on. The scans are then combined.

Simultaneous transmission SAR Exclusion

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

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

In Airplay mode, the device uses same power and power control mechanism as Wi-Fi. Airplay is not supported in hotspot mode. Airplay utilize the same 802.11 modes, modulation, MIMO, Channel Bandwidth, etc. as Wi-Fi does. Therefore Airplay usage is categorized by the Wi-Fi SAR testing contained in Section 10.

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

RF Exposure Condition	Item	Capable Transmit Configurations		
Head Body Worn Accessory Hotspot	1	WWAN & 5G OFF (CELLULAR ANTENNAS OFF)	+ (ANT5) Wi-Fi 5 GHz SISO	+ (ANT3) Bluetooth (P_{High})
	2		+ (ANT6) Wi-Fi 5 GHz SISO	+ (ANT3) Bluetooth (P_{High})
	3		+ Wi-Fi 5 GHz MIMO	+ (ANT3) Bluetooth (P_{High})
	4		+ (ANT5) Wi-Fi 5 GHz SISO	+ (ANT4) Bluetooth (P_{High})
	5		+ (ANT6) Wi-Fi 5 GHz SISO	+ (ANT4) Bluetooth (P_{High})
	6		+ Wi-Fi 5 GHz MIMO	+ (ANT4) Bluetooth (P_{High})
	7	WWAN & 5G ON (CELLULAR ANTENNAS ON)	+ (ANT3) Wi-Fi 2.4 GHz SISO	
	8		+ (ANT4) Wi-Fi 2.4 GHz SISO	
	9		+ Wi-Fi 2.4 GHz MIMO	
	10			+ (ANT3) Bluetooth (P_{High})
	11			+ (ANT4) Bluetooth (P_{High})
	12		+ (ANT5) Wi-Fi 5 GHz SISO	
	13		+ (ANT6) Wi-Fi 5 GHz SISO	
	14		+ Wi-Fi 5 GHz MIMO	
	15		+ (ANT5) Wi-Fi 5 GHz SISO	+ (ANT3) Bluetooth (P_{low})
	16		+ (ANT6) Wi-Fi 5 GHz SISO	+ (ANT3) Bluetooth (P_{low})
	17		+ Wi-Fi 5 GHz MIMO	+ (ANT3) Bluetooth (P_{low})
	18		+ (ANT5) Wi-Fi 5 GHz SISO	+ (ANT4) Bluetooth (P_{low})
	19		+ (ANT6) Wi-Fi 5 GHz SISO	+ (ANT4) Bluetooth (P_{low})
	20		+ Wi-Fi 5 GHz MIMO	+ (ANT4) Bluetooth (P_{low})

Note(s):

1. Wi-Fi 2.4GHz & Bluetooth cannot transmit simultaneously.
2. Wi-Fi 2.4GHz & Wi-Fi 5GHz cannot transmit simultaneously.
3. WWAN cannot transmit simultaneously.
4. Bluetooth P_{low} is used with Wi-Fi and WWAN antennas are active.
5. Bluetooth P_{high} is used when Wi-Fi antenna is active and WWAN antenna is inactive or with Wi-Fi inactive and WWAN antenna is active.
6. Bluetooth $P_{standalone}$ is used with Wi-Fi and WWAN antennas are inactive.
7. Wi-Fi SISO mode SAR result can also represent for MIMO mode SAR and is used for MIMO mode simultaneous transmission analysis because antennas are not overlapping and the MIMO mode maximum power is equal or less than SISO mode.
8. 5G NR only supported NSA mode.
9. For EN-DC mode, Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR to not exceed FCC limit. Therefore, simultaneous transmission compliance between 4G+5G NR operation is demonstrated in the Part 2 Report during algorithm validation. In Part 1 Report, simultaneous transmission compliance was evaluated individually with other Radios (WLAN or BT) using one of 4G or 5G NR.

12.1. Sum of the SAR for WWAN Cell-off & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)				∑ 1-g SAR (W/kg)			
		1	2	3	4				
		Wi-Fi 5G $P_{cell\ OFF}$ ANT5	Wi-Fi 5G $P_{cell\ OFF}$ ANT6	BT(P_{high}) ANT3	BT(P_{high}) ANT4	1+3	1+4	2+3	2+4
Head	Left Touch	0.009	0.546	0.157	0.341	0.167	0.350	0.703	0.887
	Left Tilt	0.001	0.546	0.061	0.074	0.062	0.075	0.607	0.620
	Right Touch	0.001	1.134	0.097	0.064	0.099	0.065	1.232	1.198
	Right Tilt	0.001	0.546	0.090	0.018	0.091	0.020	0.636	0.564
Body-worn & Hotspot	Rear	1.088	1.108	0.261	0.269	1.349	1.357	1.369	1.377
	Front	1.088	1.108	0.141	0.091	1.229	1.178	1.249	1.199
Hotspot	Edge 1		1.108		0.006		0.006	1.108	1.115
	Edge 2				0.350		0.350		0.350
	Edge 3	0.392		0.050		0.442	0.392	0.050	
	Edge 4	0.063	1.144	0.349		0.412	0.063	1.493	1.144

12.2. Sum of the SAR for WWAN(TNE) Cell-on ANT1 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7				
		WWAN (TNE) ANT1	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{high}) ANT3	BT(P_{high}) ANT4	1+2	1+3	1+6	1+7
Head	Left Touch	0.101	0.236	0.446	0.157	0.341	0.337	0.547	0.258	0.442
	Left Tilt	0.070	0.236	0.085	0.061	0.074	0.306	0.155	0.132	0.145
	Right Touch	0.214	0.236	0.085	0.097	0.064	0.450	0.299	0.311	0.278
	Right Tilt	0.048	0.236	0.085	0.090	0.018	0.284	0.133	0.138	0.066
Body-worn & Hptspot	Rear	0.914	0.292	0.403	0.261	0.269	1.206	1.318	1.175	1.183
	Front	0.536	0.292	0.403	0.141	0.091	0.828	0.940	0.677	0.627
Hotspot	Edge 1			0.403		0.006		0.403		0.006
	Edge 2	0.645		0.485		0.350	0.645	1.130	0.645	0.995
	Edge 3	0.755	0.292		0.050		1.047	0.755	0.805	0.755
	Edge 4	0.048	0.536		0.349		0.585	0.048	0.397	0.048

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9				
		WWAN (TNE) ANT1	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4	1+4+8	1+4+9	1+5+8	1+5+9
Head	Left Touch	0.101	0.001	0.356	0.086	0.075	0.188	0.177	0.543	0.531
	Left Tilt	0.070	0.001	0.356	0.027	0.008	0.098	0.080	0.453	0.434
	Right Touch	0.214	0.001	0.356	0.046	0.021	0.261	0.236	0.615	0.591
	Right Tilt	0.048	0.001	0.356	0.041	0.000	0.090	0.049	0.444	0.404
Body-worn & Hptspot	Rear	0.914	0.390	0.453	0.072	0.085	1.377	1.389	1.439	1.452
	Front	0.536	0.390	0.453	0.018	0.016	0.944	0.942	1.007	1.004
Hotspot	Edge 1			0.431		0.004		0.004	0.431	0.435
	Edge 2	0.645				0.087	0.645	0.733	0.645	0.733
	Edge 3	0.755	0.390		0.007		1.152	1.145	0.762	0.755
	Edge 4	0.048	0.390	0.431	0.089		0.527	0.438	0.568	0.479

12.3. Sum of the SAR for WWAN(TNE) Cell-on ANT2 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (TNE) ANT2	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.944	0.236	0.446	0.157	0.341	1.180	1.391	1.102	1.285
	Left Tilt	0.909	0.236	0.085	0.061	0.074	1.145	0.994	0.970	0.983
	Right Touch	0.759	0.236	0.085	0.097	0.064	0.995	0.843	0.856	0.822
	Right Tilt	0.708	0.236	0.085	0.090	0.018	0.944	0.792	0.798	0.726
Body-worn & Hptspot	Rear	0.709	0.292	0.403	0.261	0.269	1.002	1.113	0.970	0.979
	Front	0.859	0.292	0.403	0.141	0.091	1.151	1.263	1.000	0.950
Hotspot	Edge 1	0.937		0.403		0.006	0.937	1.341	0.937	0.944
	Edge 2	0.053		0.485		0.350	0.053	0.538	0.053	0.403
	Edge 3		0.292		0.050		0.292		0.050	
	Edge 4	0.475	0.536		0.349		1.012	0.475	0.824	0.475

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (TNE) ANT2	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.944	0.001	0.356	0.086	0.075	1.032	1.020	1.386	1.375
	Left Tilt	0.909	0.001	0.356	0.027	0.008	0.937	0.918	1.291	1.273
	Right Touch	0.759	0.001	0.356	0.046	0.021	0.805	0.781	1.160	1.135
	Right Tilt	0.708	0.001	0.356	0.041	0.000	0.749	0.709	1.104	1.063
Body-worn & Hptspot	Rear	0.709	0.390	0.453	0.072	0.085	1.172	1.184	1.234	1.247
	Front	0.859	0.390	0.453	0.018	0.016	1.267	1.265	1.330	1.328
Hotspot	Edge 1	0.937		0.431		0.004	0.937	0.941	1.368	1.372
	Edge 2	0.053				0.087	0.053	0.141	0.053	0.141
	Edge 3		0.390		0.007		0.397	0.390	0.007	
	Edge 4	0.475	0.390	0.431	0.089		0.954	0.865	0.995	0.906

12.4. Sum of the SAR for WWAN(TNE) Cell-on ANT4 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (TNE) ANT4	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Body-worn & Hptspot	Rear	0.969	0.292	0.403	0.261	0.269	1.261	1.372	1.230	1.238
	Front	0.838	0.292	0.403	0.141	0.091	1.130	1.241	0.979	0.929
Hotspot	Edge 1	0.240		0.403		0.006	0.240	0.644	0.240	0.247
	Edge 2	1.033		0.485		0.350	1.033	1.517	1.033	1.383
	Edge 3		0.292		0.050		0.292		0.050	
	Edge 4		0.536		0.349		0.536		0.349	

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (TNE) ANT4	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Body-worn & Hptspot	Rear	0.969	0.390	0.453	0.072	0.085	1.431	1.444	1.494	1.507
	Front	0.838	0.390	0.453	0.018	0.016	1.246	1.243	1.308	1.306
Hotspot	Edge 1	0.240		0.431		0.004	0.240	0.244	0.671	0.675
	Edge 2	1.033				0.087	1.033	1.120	1.033	1.120
	Edge 3		0.390		0.007		0.397	0.390	0.007	
	Edge 4		0.390	0.431	0.089		0.479	0.390	0.520	0.431

12.5. Sum of the SAR for WWAN(PCE) Cell-on ANT1 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT1	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.355	0.236	0.446	0.157	0.341	0.590	0.801	0.512	0.695
	Left Tilt	0.565	0.236	0.085	0.061	0.074	0.801	0.650	0.626	0.639
	Right Touch	0.706	0.236	0.085	0.097	0.064	0.942	0.791	0.804	0.770
	Right Tilt	0.342	0.236	0.085	0.090	0.018	0.578	0.427	0.432	0.360
Body-worn & Hptspot	Rear	0.942	0.292	0.403	0.261	0.269	1.234	1.345	1.203	1.211
	Front	0.788	0.292	0.403	0.141	0.091	1.081	1.192	0.929	0.879
Hotspot	Edge 1			0.403		0.006		0.403		0.006
	Edge 2	0.929		0.485		0.350	0.929	1.414	0.929	1.279
	Edge 3	0.948	0.292		0.050		1.241	0.948	0.999	0.948
	Edge 4	0.364	0.536		0.349		0.901	0.364	0.713	0.364

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT1	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.355	0.001	0.356	0.086	0.075	0.442	0.430	0.797	0.785
	Left Tilt	0.565	0.001	0.356	0.027	0.008	0.593	0.574	0.948	0.929
	Right Touch	0.706	0.001	0.356	0.046	0.021	0.753	0.728	1.108	1.083
	Right Tilt	0.342	0.001	0.356	0.041	0.000	0.384	0.343	0.738	0.698
Body-worn & Hptspot	Rear	0.942	0.390	0.453	0.072	0.085	1.404	1.417	1.467	1.479
	Front	0.788	0.390	0.453	0.018	0.016	1.196	1.194	1.259	1.257
Hotspot	Edge 1			0.431		0.004		0.004	0.431	0.435
	Edge 2	0.929				0.087	0.929	1.016	0.929	1.016
	Edge 3	0.948	0.390		0.007		1.345	1.338	0.955	0.948
	Edge 4	0.364	0.390	0.431	0.089		0.843	0.754	0.884	0.795

12.6. Sum of the SAR for WWAN(PCE) Cell-on ANT2 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT2	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.944	0.236	0.446	0.157	0.341	1.180	1.390	1.101	1.285
	Left Tilt	0.886	0.236	0.085	0.061	0.074	1.121	0.970	0.947	0.960
	Right Touch	0.945	0.236	0.085	0.097	0.064	1.181	1.030	1.042	1.009
	Right Tilt	0.862	0.236	0.085	0.090	0.018	1.098	0.946	0.952	0.880
Body-worn & Hptspot	Rear	0.940	0.292	0.403	0.261	0.269	1.232	1.344	1.201	1.209
	Front	0.737	0.292	0.403	0.141	0.091	1.029	1.140	0.878	0.827
Hotspot	Edge 1	0.944		0.403		0.006	0.944	1.347	0.944	0.950
	Edge 2	0.334		0.485		0.350	0.334	0.819	0.334	0.684
	Edge 3		0.292		0.050		0.292		0.050	
	Edge 4	0.719	0.536		0.349		1.255	0.719	1.068	0.719

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT2	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.944	0.001	0.356	0.086	0.075	1.031	1.020	1.386	1.374
	Left Tilt	0.886	0.001	0.356	0.027	0.008	0.913	0.895	1.268	1.249
	Right Touch	0.945	0.001	0.356	0.046	0.021	0.992	0.967	1.346	1.322
	Right Tilt	0.862	0.001	0.356	0.041	0.000	0.903	0.863	1.258	1.217
Body-worn & Hptspot	Rear	0.940	0.390	0.453	0.072	0.085	1.402	1.415	1.465	1.478
	Front	0.737	0.390	0.453	0.018	0.016	1.144	1.142	1.207	1.205
Hotspot	Edge 1	0.944		0.431		0.004	0.944	0.948	1.375	1.379
	Edge 2	0.334				0.087	0.334	0.421	0.334	0.421
	Edge 3		0.390		0.007		0.397	0.390	0.007	
	Edge 4	0.719	0.390	0.431	0.089		1.198	1.109	1.239	1.150

12.7. Sum of the SAR for WWAN(PCE) Cell-on ANT3 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.850	0.236	0.446	0.157	0.341	1.086	1.297	1.008	1.191
	Left Tilt	0.480	0.236	0.085	0.061	0.074	0.716	0.565	0.541	0.554
	Right Touch	0.419	0.236	0.085	0.097	0.064	0.654	0.503	0.516	0.482
	Right Tilt	0.355	0.236	0.085	0.090	0.018	0.590	0.439	0.444	0.373
Body-worn & Hptspot	Rear	0.892	0.292	0.403	0.261	0.269	1.184	1.296	1.153	1.161
	Front	0.707	0.292	0.403	0.141	0.091	1.000	1.111	0.848	0.798
Hotspot	Edge 1			0.403		0.006		0.403		0.006
	Edge 2			0.485		0.350		0.485		0.350
	Edge 3	0.332	0.292		0.050		0.624	0.332	0.382	0.332
	Edge 4	0.930	0.536		0.349		1.467	0.930	1.279	0.930

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT3	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.850	0.001	0.356	0.086	0.075	0.938	0.926	1.293	1.281
	Left Tilt	0.480	0.001	0.356	0.027	0.008	0.508	0.489	0.863	0.844
	Right Touch	0.419	0.001	0.356	0.046	0.021	0.465	0.441	0.820	0.795
	Right Tilt	0.355	0.001	0.356	0.041	0.000	0.396	0.356	0.751	0.710
Body-worn & Hptspot	Rear	0.892	0.390	0.453	0.072	0.085	1.355	1.367	1.417	1.430
	Front	0.707	0.390	0.453	0.018	0.016	1.115	1.113	1.178	1.176
Hotspot	Edge 1			0.431		0.004		0.004	0.431	0.435
	Edge 2					0.087		0.087		0.087
	Edge 3	0.332	0.390		0.007		0.729	0.722	0.339	0.332
	Edge 4	0.930	0.390	0.431	0.089		1.409	1.320	1.450	1.361

12.8. Sum of the SAR for WWAN(PCE) Cell-on ANT4 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT4	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.948	0.236	0.446	0.157	0.341	1.184	1.395	1.105	1.289
	Left Tilt	0.545	0.236	0.085	0.061	0.074	0.781	0.630	0.606	0.619
	Right Touch	0.576	0.236	0.085	0.097	0.064	0.811	0.660	0.673	0.639
	Right Tilt	0.215	0.236	0.085	0.090	0.018	0.451	0.300	0.305	0.234
Body-worn & Hptspot	Rear	0.770	0.292	0.403	0.261	0.269	1.062	1.173	1.030	1.039
	Front	0.606	0.292	0.403	0.141	0.091	0.898	1.010	0.747	0.697
Hotspot	Edge 1	0.323		0.403		0.006	0.323	0.726	0.323	0.329
	Edge 2	0.938		0.485		0.350	0.938	1.423	0.938	1.288
	Edge 3		0.292		0.050		0.292		0.050	
	Edge 4		0.536		0.349		0.536		0.349	

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT4	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.948	0.001	0.356	0.086	0.075	1.036	1.024	1.390	1.379
	Left Tilt	0.545	0.001	0.356	0.027	0.008	0.573	0.554	0.927	0.909
	Right Touch	0.576	0.001	0.356	0.046	0.021	0.622	0.598	0.977	0.952
	Right Tilt	0.215	0.001	0.356	0.041	0.000	0.257	0.216	0.612	0.571
Body-worn & Hptspot	Rear	0.770	0.390	0.453	0.072	0.085	1.232	1.244	1.295	1.307
	Front	0.606	0.390	0.453	0.018	0.016	1.014	1.012	1.077	1.074
Hotspot	Edge 1	0.323		0.431		0.004	0.323	0.327	0.753	0.757
	Edge 2	0.938				0.087	0.938	1.026	0.938	1.026
	Edge 3		0.390		0.007		0.397	0.390	0.007	
	Edge 4		0.390	0.431	0.089		0.479	0.390	0.520	0.431

12.9. Sum of the SAR for WWAN(PCE) Cell-on ANT7 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT7	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.062	0.236	0.446	0.157	0.341	0.298	0.509	0.219	0.403
	Left Tilt	0.085	0.236	0.085	0.061	0.074	0.321	0.169	0.146	0.159
	Right Touch	0.091	0.236	0.085	0.097	0.064	0.327	0.176	0.188	0.155
	Right Tilt	0.053	0.236	0.085	0.090	0.018	0.289	0.138	0.143	0.071
Body-worn & Hptspot	Rear	0.433	0.292	0.403	0.261	0.269	0.725	0.836	0.694	0.702
	Front	0.254	0.292	0.403	0.141	0.091	0.546	0.657	0.395	0.345
Hotspot	Edge 1			0.403		0.006		0.403		0.006
	Edge 2	0.558		0.485		0.350	0.558	1.043	0.558	0.908
	Edge 3	0.240	0.292		0.050		0.532	0.240	0.290	0.240
	Edge 4		0.536		0.349		0.536		0.349	

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT7	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.062	0.001	0.356	0.086	0.075	0.150	0.138	0.504	0.493
	Left Tilt	0.085	0.001	0.356	0.027	0.008	0.113	0.094	0.467	0.449
	Right Touch	0.091	0.001	0.356	0.046	0.021	0.138	0.113	0.492	0.468
	Right Tilt	0.053	0.001	0.356	0.041	0.000	0.095	0.054	0.449	0.409
Body-worn & Hptspot	Rear	0.433	0.390	0.453	0.072	0.085	0.895	0.908	0.958	0.971
	Front	0.254	0.390	0.453	0.018	0.016	0.662	0.659	0.724	0.722
Hotspot	Edge 1			0.431		0.004		0.004	0.431	0.435
	Edge 2	0.558				0.087	0.558	0.645	0.558	0.645
	Edge 3	0.240	0.390		0.007		0.637	0.630	0.247	0.240
	Edge 4		0.390	0.431	0.089		0.479	0.390	0.520	0.431

12.10. Sum of the SAR for WWAN(PCE) Cell-on ANT8 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT8	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.401	0.236	0.446	0.157	0.341	0.637	0.847	0.558	0.741
	Left Tilt	0.457	0.236	0.085	0.061	0.074	0.693	0.542	0.518	0.531
	Right Touch	0.769	0.236	0.085	0.097	0.064	1.005	0.854	0.867	0.833
	Right Tilt	0.774	0.236	0.085	0.090	0.018	1.010	0.858	0.864	0.792
Body-worn & Hptspot	Rear	0.890	0.292	0.403	0.261	0.269	1.182	1.293	1.151	1.159
	Front	0.110	0.292	0.403	0.141	0.091	0.402	0.513	0.251	0.201
Hotspot	Edge 1	0.128		0.403		0.006	0.128	0.531	0.128	0.134
	Edge 2			0.485		0.350		0.485		0.350
	Edge 3		0.292		0.050		0.292		0.050	
	Edge 4	0.170	0.536		0.349		0.707	0.170	0.519	0.170

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT8	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.401	0.001	0.356	0.086	0.075	0.488	0.477	0.843	0.831
	Left Tilt	0.457	0.001	0.356	0.027	0.008	0.485	0.466	0.839	0.821
	Right Touch	0.769	0.001	0.356	0.046	0.021	0.816	0.791	1.171	1.146
	Right Tilt	0.774	0.001	0.356	0.041	0.000	0.815	0.775	1.170	1.130
Body-worn & Hptspot	Rear	0.890	0.390	0.453	0.072	0.085	1.352	1.365	1.415	1.428
	Front	0.110	0.390	0.453	0.018	0.016	0.518	0.515	0.580	0.578
Hotspot	Edge 1	0.128		0.431		0.004	0.128	0.132	0.559	0.563
	Edge 2					0.087		0.087		0.087
	Edge 3		0.390		0.007		0.397	0.390	0.007	
	Edge 4	0.170	0.390	0.431	0.089		0.649	0.560	0.690	0.601

12.11. Sum of the SAR for WWAN(PCE) Cell-on ANT9 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT9	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.241	0.236	0.446	0.157	0.341	0.477	0.688	0.398	0.582
	Left Tilt	0.087	0.236	0.085	0.061	0.074	0.323	0.172	0.148	0.161
	Right Touch	0.140	0.236	0.085	0.097	0.064	0.376	0.224	0.237	0.203
	Right Tilt	0.162	0.236	0.085	0.090	0.018	0.398	0.247	0.252	0.181
Body-worn & Hptspot	Rear	0.614	0.292	0.403	0.261	0.269	0.906	1.017	0.875	0.883
	Front	0.399	0.292	0.403	0.141	0.091	0.691	0.802	0.540	0.490
Hotspot	Edge 1			0.403		0.006		0.403		0.006
	Edge 2			0.485		0.350		0.485		0.350
	Edge 3	0.128	0.292		0.050		0.420	0.128	0.178	0.128
	Edge 4	0.880	0.536		0.349		1.416	0.880	1.229	0.880

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT9	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.241	0.001	0.356	0.086	0.075	0.329	0.317	0.683	0.672
	Left Tilt	0.087	0.001	0.356	0.027	0.008	0.115	0.096	0.470	0.451
	Right Touch	0.140	0.001	0.356	0.046	0.021	0.186	0.162	0.541	0.516
	Right Tilt	0.162	0.001	0.356	0.041	0.000	0.204	0.163	0.559	0.518
Body-worn & Hptspot	Rear	0.614	0.390	0.453	0.072	0.085	1.076	1.089	1.139	1.152
	Front	0.399	0.390	0.453	0.018	0.016	0.807	0.804	0.869	0.867
Hotspot	Edge 1			0.431		0.004		0.004	0.431	0.435
	Edge 2					0.087		0.087		0.087
	Edge 3	0.128	0.390		0.007		0.525	0.518	0.135	0.128
	Edge 4	0.880	0.390	0.431	0.089		1.359	1.270	1.400	1.311

12.12. Sum of the SAR for WWAN(CBE) Cell-on ANT4 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (CBE) ANT4	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.934	0.236	0.446	0.157	0.341	1.170	0.682	0.604	0.498
	Left Tilt	0.339	0.236	0.085	0.061	0.074	0.575	0.320	0.146	0.135
	Right Touch	0.167	0.236	0.085	0.097	0.064	0.403	0.320	0.182	0.161
	Right Tilt	0.119	0.236	0.085	0.090	0.018	0.355	0.320	0.174	0.108
Body-worn & Hptspot	Rear	0.542	0.292	0.403	0.261	0.269	0.834	0.695	0.664	0.530
	Front	0.403	0.292	0.403	0.141	0.091	0.695	0.695	0.544	0.232
Hotspot	Edge 1	0.136		0.403		0.006	0.136	0.403	0.403	0.006
	Edge 2	0.906		0.485		0.350	0.906	0.485	0.485	0.350
	Edge 3		0.292		0.050		0.292	0.292	0.050	0.050
	Edge 4		0.536		0.349		0.536	0.536	0.349	0.349

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (CBE) ANT4	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.934	0.001	0.356	0.086	0.075	1.022	1.010	1.376	1.364
	Left Tilt	0.339	0.001	0.356	0.027	0.008	0.367	0.348	0.721	0.703
	Right Touch	0.167	0.001	0.356	0.046	0.021	0.214	0.189	0.568	0.544
	Right Tilt	0.119	0.001	0.356	0.041	0.000	0.161	0.120	0.515	0.475
Body-worn & Hptspot	Rear	0.542	0.390	0.453	0.072	0.085	1.004	1.017	1.067	1.080
	Front	0.403	0.390	0.453	0.018	0.016	0.810	0.808	0.873	0.871
Hotspot	Edge 1	0.136		0.431		0.004	0.136	0.140	0.567	0.571
	Edge 2	0.906				0.087	0.906	0.993	0.906	0.993
	Edge 3		0.390		0.007		0.397	0.390	0.007	
	Edge 4		0.390	0.431	0.089		0.479	0.390	0.520	0.431

12.13. Sum of the SAR for WWAN(CBE) Cell-on ANT7 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (CBE) ANT7	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.108	0.236	0.446	0.157	0.341	0.344	0.555	0.265	0.449
	Left Tilt	0.160	0.236	0.085	0.061	0.074	0.396	0.244	0.221	0.234
	Right Touch	0.283	0.236	0.085	0.097	0.064	0.519	0.368	0.381	0.347
	Right Tilt	0.146	0.236	0.085	0.090	0.018	0.382	0.231	0.236	0.164
Body-worn & Hptspot	Rear	0.634	0.292	0.403	0.261	0.269	0.927	1.038	0.895	0.904
	Front	0.384	0.292	0.403	0.141	0.091	0.676	0.787	0.525	0.474
Hotspot	Edge 1			0.403		0.006		0.403		0.006
	Edge 2	0.858		0.485		0.350	0.858	1.343	0.858	1.208
	Edge 3	0.176	0.292		0.050		0.468	0.176	0.226	0.176
	Edge 4		0.536		0.349		0.536		0.349	

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (CBE) ANT7	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.108	0.001	0.356	0.086	0.075	0.196	0.184	0.550	0.539
	Left Tilt	0.160	0.001	0.356	0.027	0.008	0.188	0.169	0.542	0.524
	Right Touch	0.283	0.001	0.356	0.046	0.021	0.330	0.305	0.685	0.660
	Right Tilt	0.146	0.001	0.356	0.041	0.000	0.188	0.147	0.542	0.502
Body-worn & Hptspot	Rear	0.634	0.390	0.453	0.072	0.085	1.097	1.109	1.160	1.172
	Front	0.384	0.390	0.453	0.018	0.016	0.791	0.789	0.854	0.852
Hotspot	Edge 1			0.431		0.004		0.004	0.431	0.435
	Edge 2	0.858				0.087	0.858	0.946	0.858	0.946
	Edge 3	0.176	0.390		0.007		0.573	0.566	0.183	0.176
	Edge 4		0.390	0.431	0.089		0.479	0.390	0.520	0.431

12.14. Sum of the SAR for WWAN(CBE) Cell-on ANT8 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (CBE) ANT8	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.339	0.236	0.446	0.157	0.341	0.575	0.785	0.496	0.680
	Left Tilt	0.309	0.236	0.085	0.061	0.074	0.545	0.394	0.370	0.383
	Right Touch	0.949	0.236	0.085	0.097	0.064	1.184	1.033	1.046	1.012
	Right Tilt	0.779	0.236	0.085	0.090	0.018	1.015	0.864	0.869	0.797
Body-worn & Hptspot	Rear	0.937	0.292	0.403	0.261	0.269	1.229	1.340	1.198	1.206
	Front	0.108	0.292	0.403	0.141	0.091	0.400	0.511	0.249	0.199
Hotspot	Edge 1	0.148		0.403		0.006	0.148	0.551	0.148	0.154
	Edge 2			0.485		0.350		0.485		0.350
	Edge 3		0.292		0.050		0.292		0.050	
	Edge 4	0.145	0.536		0.349		0.681	0.145	0.494	0.145

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (CBE) ANT8	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.339	0.001	0.356	0.086	0.075	0.427	0.415	0.781	0.769
	Left Tilt	0.309	0.001	0.356	0.027	0.008	0.337	0.318	0.691	0.673
	Right Touch	0.949	0.001	0.356	0.046	0.021	0.995	0.971	1.350	1.325
	Right Tilt	0.779	0.001	0.356	0.041	0.000	0.821	0.780	1.175	1.135
Body-worn & Hptspot	Rear	0.937	0.390	0.453	0.072	0.085	1.399	1.412	1.462	1.475
	Front	0.108	0.390	0.453	0.018	0.016	0.516	0.513	0.578	0.576
Hotspot	Edge 1	0.148		0.431		0.004	0.148	0.152	0.579	0.583
	Edge 2					0.087		0.087		0.087
	Edge 3		0.390		0.007		0.397	0.390	0.007	
	Edge 4	0.145	0.390	0.431	0.089		0.624	0.535	0.665	0.576

12.15. Sum of the SAR for WWAN(CBE) Cell-on ANT9 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (CBE) ANT9	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.407	0.236	0.446	0.157	0.341	0.643	0.854	0.564	0.748
	Left Tilt	0.113	0.236	0.085	0.061	0.074	0.349	0.198	0.174	0.187
	Right Touch	0.214	0.236	0.085	0.097	0.064	0.450	0.299	0.312	0.278
	Right Tilt	0.167	0.236	0.085	0.090	0.018	0.403	0.252	0.257	0.185
Body-worn & Hptspot	Rear	0.364	0.292	0.403	0.261	0.269	0.656	0.768	0.625	0.633
	Front	0.593	0.292	0.403	0.141	0.091	0.885	0.996	0.734	0.683
Hotspot	Edge 1			0.403		0.006		0.403		0.006
	Edge 2			0.485		0.350		0.485		0.350
	Edge 3	0.215	0.292		0.050		0.507	0.215	0.265	0.215
	Edge 4	0.924	0.536		0.349		1.461	0.924	1.273	0.924

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (CBE) ANT9	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.407	0.001	0.356	0.086	0.075	0.495	0.483	0.849	0.838
	Left Tilt	0.113	0.001	0.356	0.027	0.008	0.141	0.122	0.496	0.477
	Right Touch	0.214	0.001	0.356	0.046	0.021	0.261	0.236	0.616	0.591
	Right Tilt	0.167	0.001	0.356	0.041	0.000	0.209	0.168	0.563	0.523
Body-worn & Hptspot	Rear	0.364	0.390	0.453	0.072	0.085	0.826	0.839	0.889	0.902
	Front	0.593	0.390	0.453	0.018	0.016	1.001	0.998	1.063	1.061
Hotspot	Edge 1			0.431		0.004		0.004	0.431	0.435
	Edge 2					0.087		0.087		0.087
	Edge 3	0.215	0.390		0.007		0.611	0.604	0.221	0.215
	Edge 4	0.924	0.390	0.431	0.089		1.403	1.314	1.444	1.355

Note(s):

As the sum of the SAR for any simultaneous transmission condition never exceeded 1.6 W/kg no further evaluation was required.

Appendixes

Refer to separated files for the following appendixes.

Appendix A: SAR Setup Photos

Appendix B: SAR System Check Plots

Appendix C: SAR Highest Test Plots

Appendix D: SAR Tissue Ingredients

Appendix E: SAR Probe Certificates

Appendix F: SAR Dipole Certificates

Appendix G: LTE Down-Link Carrier Aggregation

Appendix H: Body Detect Validation

Appendix I: Wi-Fi Time-Averaged SAR(TAS)

Appendix J: MSS Time Averaged SAR

END OF REPORT